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Pump Product Catalogue



One - Stop Industrial Pump
Solution Provider

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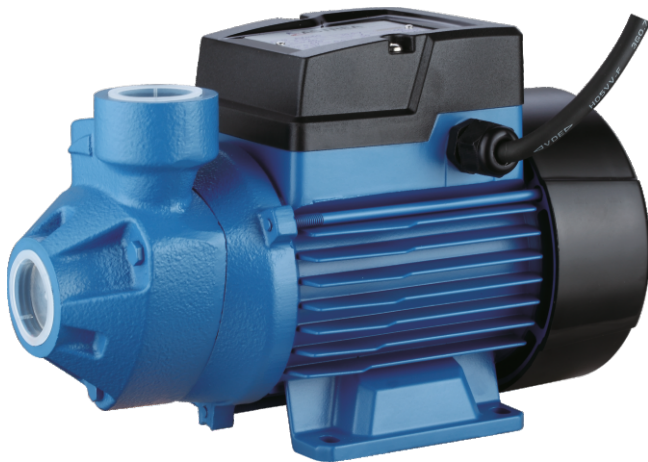


AWQ
Submersible Sewage Pumps

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Domestic Pump



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

They are easy to use and are economical, they are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for the irrigation of gardens and allotments.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

Two-pole induction motor (n=2850 r.p.m)
Insulation Class B
Protection IP44
Continuous service S1
Thermal protector for single phase
Single-phase 220V/50Hz, 60Hz if request

Component

Pump body Cast iron with SS insert,
Brass insert on request

Pump support Cast iron with SS insert,
Brass insert on request

Motor housing Aluminum

Impeller Brass

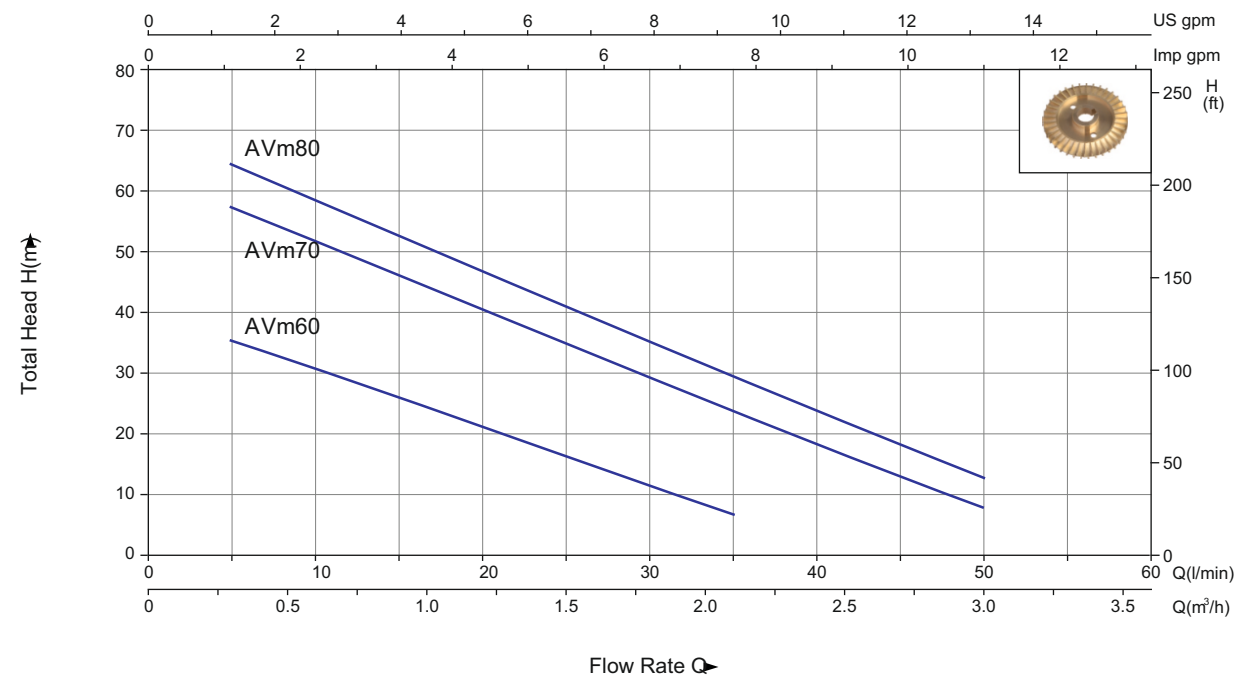
Motor shaft AISI304 SS

Mechanical seal Ceramic/Graphite

Operating conditions

Liquid temperature up to 60°C
Ambient temperature up to 40°C
Total suction lift up to 8 m

Hydraulic performance curves



Technical data

Model	Power		Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3.0
	kW	HP	Q(l/min)	0	5	10	15	20	25	30	35	40	50
AVm60	0.37	0.5	H(m)	40	35.5	31	26.5	22	17	12	7	-	-
AVm70	0.55	0.75		63	57	51.5	45.5	40	34	29	24	19	8
AVm80	0.75	1		70	64	58	52	46	40	34.5	29	24	13

Package Information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
AVm60	1"x1"	5.4	265x145x175
AVm70	1"x1"	8.6	300x160x205
AVm80	1"x1"	10.1	300x160x205



ASP-A

SMART SELF-PRIMING PUMPS



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

They are easy to use and are economical, they are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for the irrigation of gardens and allotments. The pump comes complete with a flap-check valve.

Keep the water pressure stable to let water heater normally working.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

Two-pole induction motor (n=2850 r.p.m)

Insulation Class B

Protection IP44

Continuous service S1

Thermal protector

Single-phase 220V/50Hz, 60Hz if request

Component

Pump body Cast iron + AISI304 SS insert

Pump cover Cast iron

Motor housing Aluminum

Impeller Brass

Motor shaft AISI304 SS

Mechanical seal Ceramic/Graphite

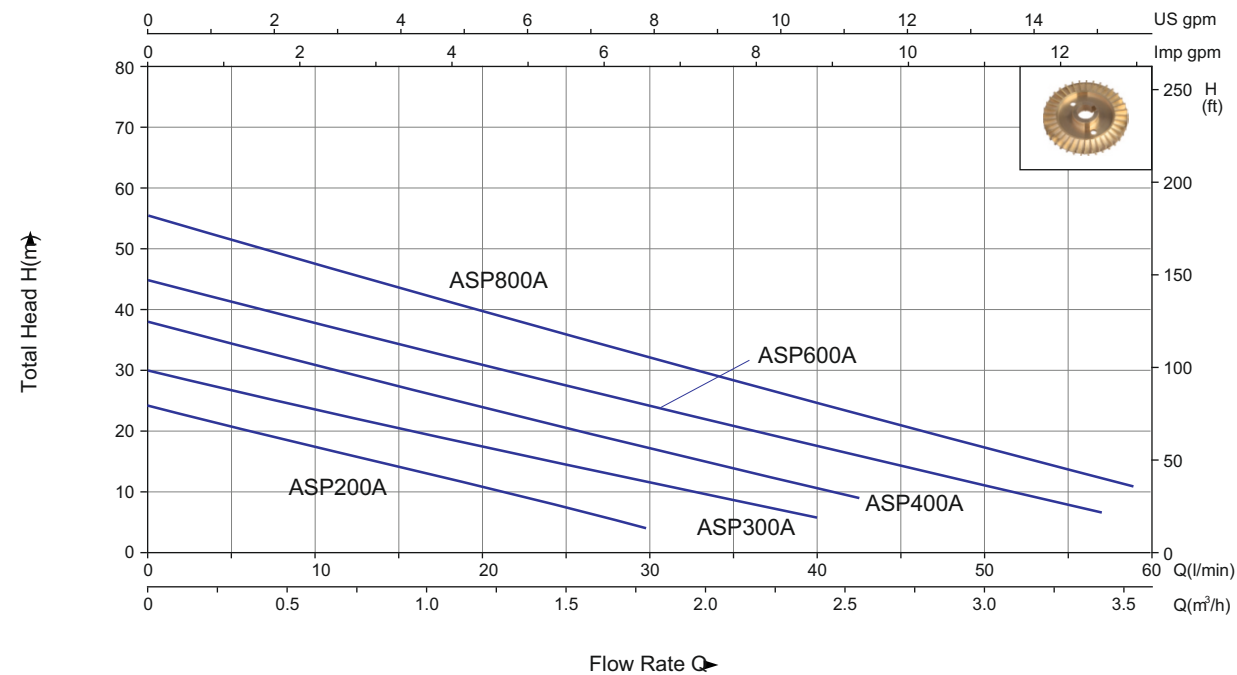
Operating conditions

Liquid temperature up to 80°C

Ambient temperature up to 40°C

Total suction lift up to 9 m

Hydraulic performance curves

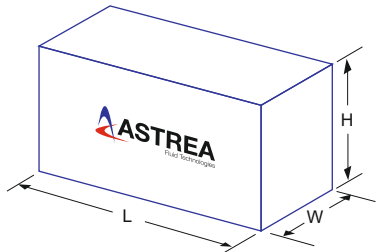


Technical data

Model	Power		Q(m³/h)	0	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.5	4.5
	kW	HP	Q(l/min)	0	15	20	25	30	35	40	45	50	58	75
ASP200A	0.2	0.27	H(m)	25	16	10	8	3	-	-	-	-	-	-
ASP300A	0.3	0.4		32	19	14	10	6	1	-	-	-	-	-
ASP400A	0.4	0.54		36	25	19	15	11	8	1	-	-	-	-
ASP600A	0.6	0.8		48	43	32	28	25	20	18	13	11	6	-
ASP800A	0.8	1.1		55	47.5	42	37	32	27	22	17	12	8	1

Package information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
ASP200A	1"x1"	8.3	285x225x280
ASP300A	1"x1"	12.3	300x235x300
ASP400A	1"x1"	13.6	300x235x300
ASP600A	1"x1"	14.3	350x255x350
ASP800A	1"x1"	15.8	350x255x350



AJM

SELF-PRIMING JET PUMPS



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The self- priming jet pumps are designed to pump water even in cases where air is present. As a result of their reliability and the fact that they are easy to use, and recommended for use in domestic applications such as the distribution of water in combination with small or medium sized pressure sets, and for the irrigation of gardens and allotments, etc.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

- Two-pole induction motor (n=2850 r.p.m)
- Insulation Class B
- Protection IP44
- Continuous service S1
- Thermal protector for single phase
- Single-phase 220V/50Hz, 60Hz if request
- Three-phase 380V/50Hz, 60Hz if request

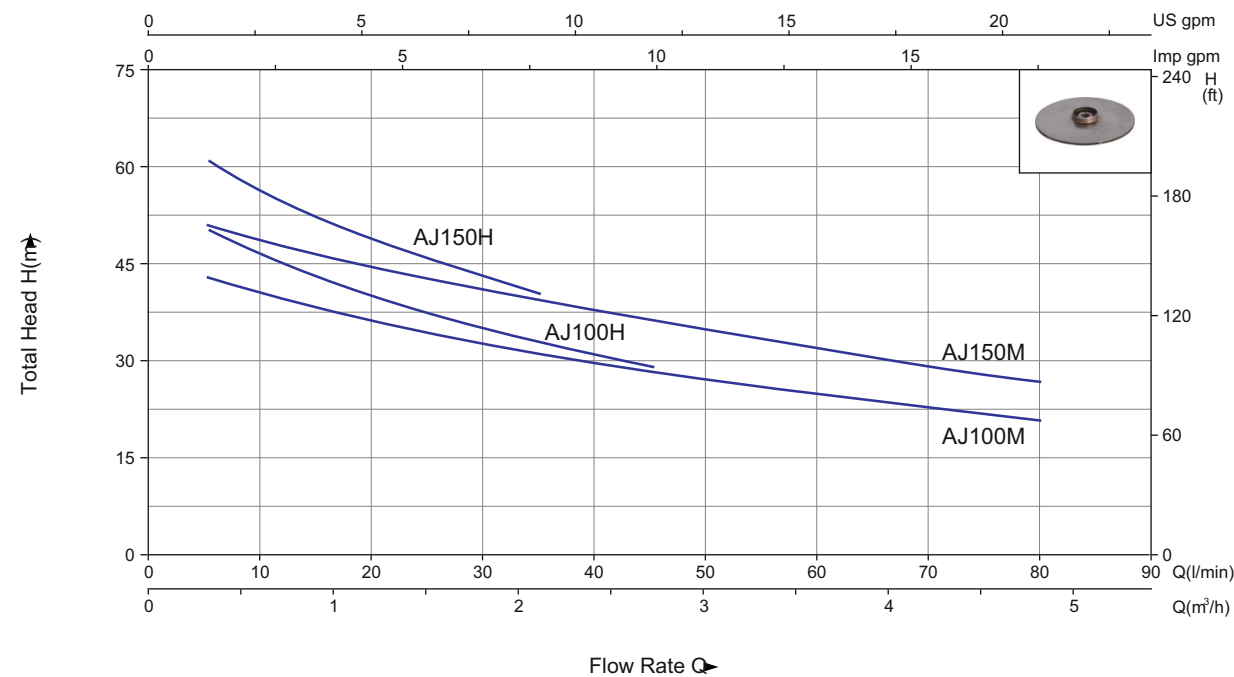
Component

Pump body	Cast iron
Pump support	Aluminum
Motor housing	Aluminum
Impeller	AISI304 SS
Diffuser	Noryl
Motor shaft	AISI304 SS
Mechanical seal	SIC/Graphite

Operating conditions

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9 m

Hydraulic performance curves



Technical data

Model	Power		Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8
	kW	HP	Q(l/min)	0	5	10	15	20	25	30	35	40	45	50	60	70	80
AJ100M	0.75	1	H(m)	46	43	40.5	38.3	36.2	34.8	33.3	31.8	30.5	29	27.5	25	23	21
AJ100H	0.75	1		56	50.5	46	43	40	37.5	35	33	31	29	27	-	-	-
AJ150M	1.1	1.5		54	51	48.5	46.5	44.5	42.5	41	39.5	38	36.5	35	32	29	27
AJ150H	1.1	1.5		66	61	56.5	52.5	49	46	43.5	41	38	35.5	34	-	-	-

Package Information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
AJ100M	1"x1"	14.4	430x195x225
AJ100H	1"x1"	14.4	430x195x225
AJ150M	1"x1"	15.5	430x195x225
AJ150H	1"x1"	15.5	430x195x225



AC

CENTRIFUGAL PUMPS



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, these pumps are widely used in domestic and civil applications such as the distribution of water in combination with small and medium sized pressure sets, for transferring liquids and for the irrigation of gardens and allotments.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

Two-pole induction motor (n=2850 r.p.m)

Insulation Class B

Protection IP44

Continuous service S1

Thermal protector for single phase

Single-phase 220V/50Hz, 60Hz if request

Three-phase 380V/50Hz, 60Hz if request

Component

Pump body	Cast iron
Pump support	Aluminum
Motor housing	Aluminum
Impeller	AISI304 SS
Motor shaft	AISI304 SS
Mechanical seal	Ceramic/Graphite (0.33HP & 0.5HP) SIC/Graphite

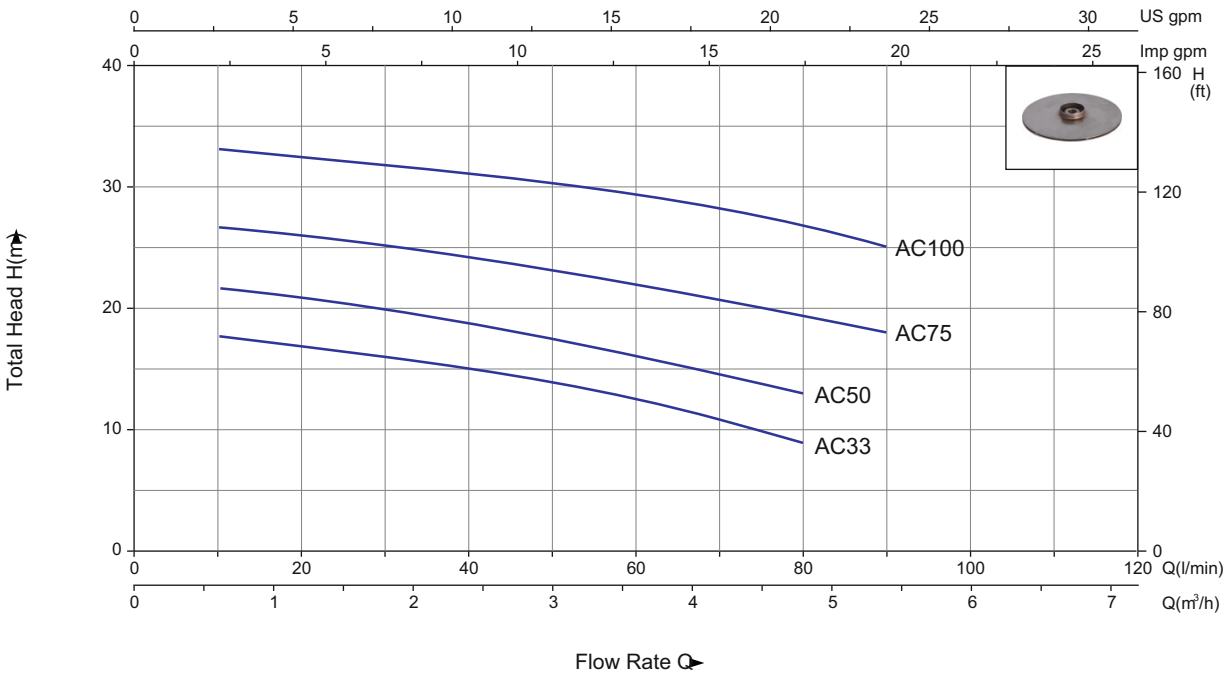
Operating conditions

Liquid temperature up to 60°C

Ambient temperature up to 40°C

Total suction lift up to 8 m

Hydraulic performance curves



Technical data

Model	Power		Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
	kW	HP	Q(l/min)	0	10	20	30	40	50	60	70	80	90
AC33	0.25	0.33	H(m)	18	17.5	16.8	16	15	14	12.5	11	9	-
AC50	0.37	0.5		22	21.5	20.8	20	19	17.5	16	14.5	13	-
AC75	0.55	0.75		27	26.5	26	25	24	23	22	21	19.5	18
AC100	0.75	1		34	33	32.3	31.5	30.8	30	29	28	26.5	25

Package information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
AC33	1"x1"	7.2	280x180x230
AC50	1"x1"	8.1	280x180x230
AC75	1"x1"	11.4	320x205x260
AC100	1"x1"	12.7	320x205x260



2AC

DOUBLE-IMPELLER CENTRIFUGAL PUMPS



2AC200



2AC400



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The high efficiency and adaptability of these pumps to even the most unusual of applications, makes the ideal for use in the domestic, civil and industrial sectors, in particular for the distribution of water in combination with pressure sets, for pressure boosting and in fire-fighting sets.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

Two-pole induction motor (n=2850 r.p.m)

Insulation Class B

Protection IP44

Continuous service S1

Thermal protector for single phase

Single-phase 220V/50Hz, 60Hz if request

Three-phase 380V/50Hz, 60Hz if request

Component

Pump body	Cast iron
Pump support	Cast iron
Motor housing	Aluminum
Impeller	Brass
Motor shaft	AISI304 SS
Mechanical seal	SIC/Graphite

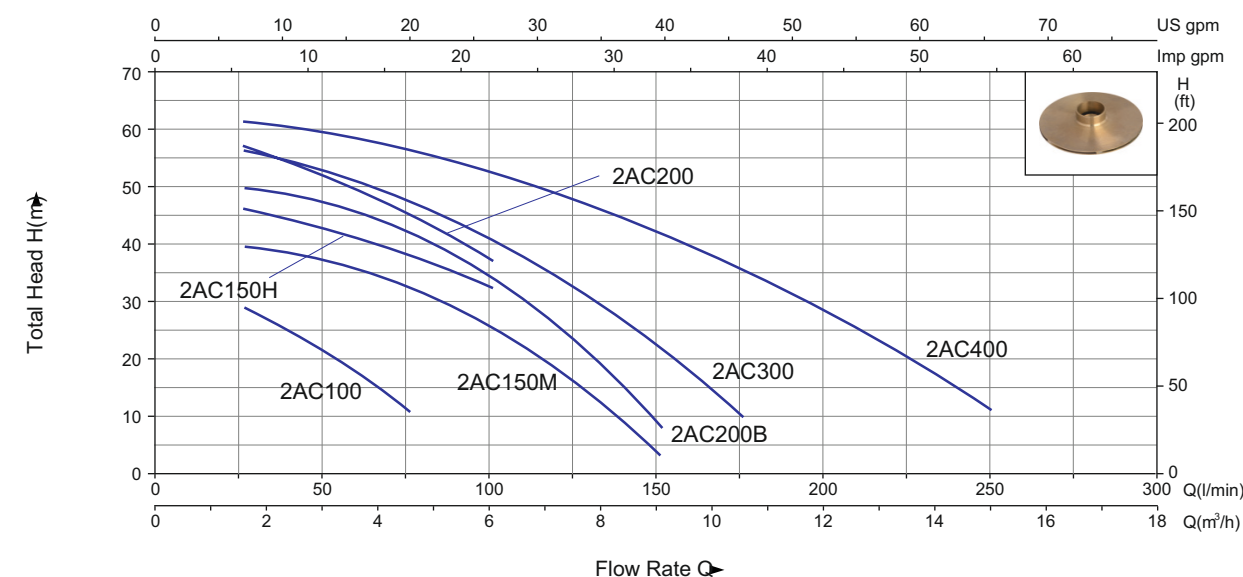
Operating conditions

Liquid temperature up to 60°C

Ambient temperature up to 40°C

Total suction lift up to 8 m

Hydraulic performance curves



Technical data

Model	Power		Q(m³/h)	0	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12	13.5	15
	kW	HP	Q(l/min)	0	25	50	75	100	125	150	175	200	225	250
2AC100	0.75	1	H(m)	38	29	21	11	-	-	-	-	-	-	-
2AC150M	1.1	1.5		45	40	37	32	26	16	3	-	-	-	-
2AC150H	1.1	1.5		50	46	42.5	38	32.5	-	-	-	-	-	-
2AC200B	1.5	2		54	50	47	42	34	24	8	-	-	-	-
2AC200	1.5	2		61	57	51.5	45	37	-	-	-	-	-	-
2AC300	2.2	3		60	56.5	53	48	41	32.5	22	10	-	-	-
2AC400	3	4		65	61.5	59	56	52	47	42	36	29	21	10

Package information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
2AC100	1 1/4"x1"	16	370x225x260
2AC150M	1 1/2"x1"	22	450x225x275
2AC150H	1 1/4"x1"	22	450x225x275
2AC200B	1 1/2"x1"	27	455x255x290
2AC200	1 1/4"x1"	26	455x255x290
2AC300	1 1/2"x1 1/4"	32	550x310x370
2AC400	1 1/2"x1 1/4"	42	570x310x370



AMC-S

SELF-PRIMING MULTISTAGE PUMPS



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made. The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc. The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

Two-pole induction motor (n=2850 r.p.m)
 Insulation Class B
 Protection IP44
 Continuous service S1
 Thermal protector for single phase
 Single-phase 220V/50Hz, 60Hz if request
 Three-phase 380V/50Hz, 60Hz if request

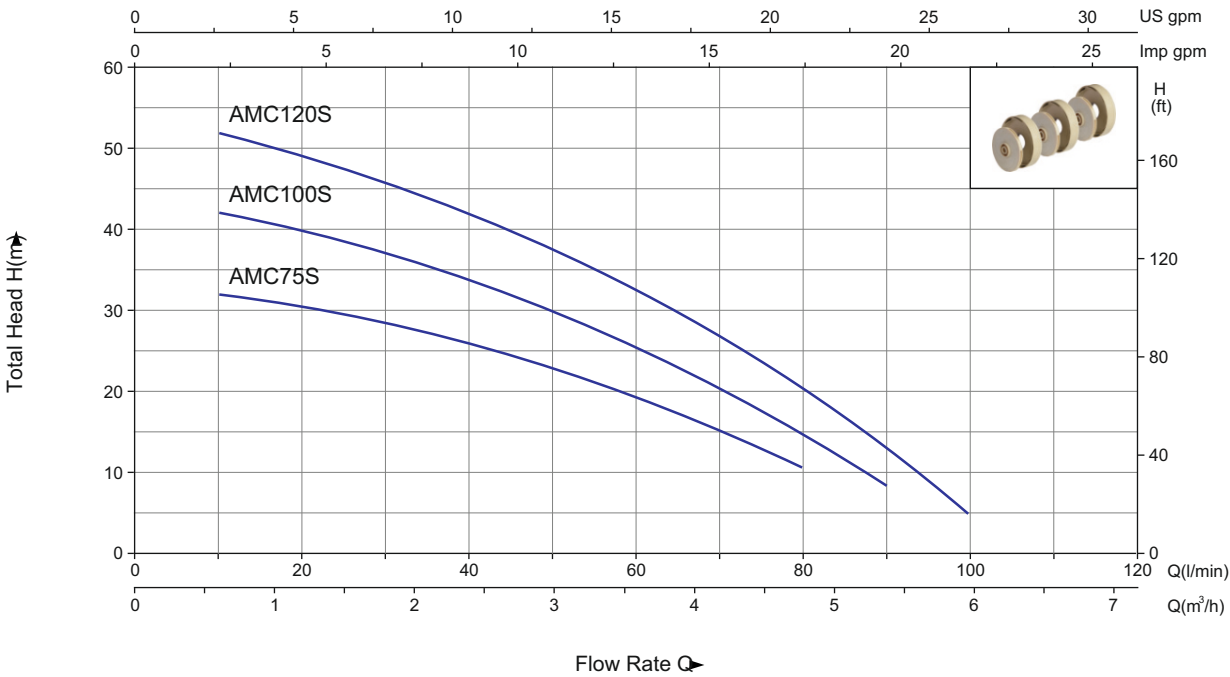
Component

Pump body Cast iron + Stainless steel
 Pump support Cast iron
 Motor housing Aluminum
 Impeller PPO
 Motor shaft AISI304 SS
 Mechanical seal SIC/Graphite

Operating conditions

Liquid temperature up to 60°C
 Ambient temperature up to 40°C
 Total suction lift up to 8 m

Hydraulic performance curves



Technical data

Model	Power		Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
	kW	HP	Q(l/min)	0	10	20	30	40	50	60	70	80	90	100
AMC75S	0.55	0.75	H(m)	33	32	30.5	28.5	26	23	19.5	15.5	11	-	-
AMC100S	0.75	1		44	42	40	37	34	30	25.5	20.5	15	9	-
AMC120S	0.9	1.2		55	52	49	46	42	38	33	27	20.5	13.5	5

Package Information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
AMC75S	1"x1"	11.4	420x190x210
AMC100S	1"x1"	13	440x190x210
AMC120S	1"x1"	14	470x190x210



AMC60-H

SELF-PRIMING MULTISTAGE PUMPS



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.

The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

Two-pole induction motor (n=2850 r.p.m)
 Insulation Class B
 Protection IP44
 Continuous service S1
 Thermal protector for single phase
 Single-phase 220V/50Hz, 60Hz if request
 Three-phase 380V/50Hz, 60Hz if request

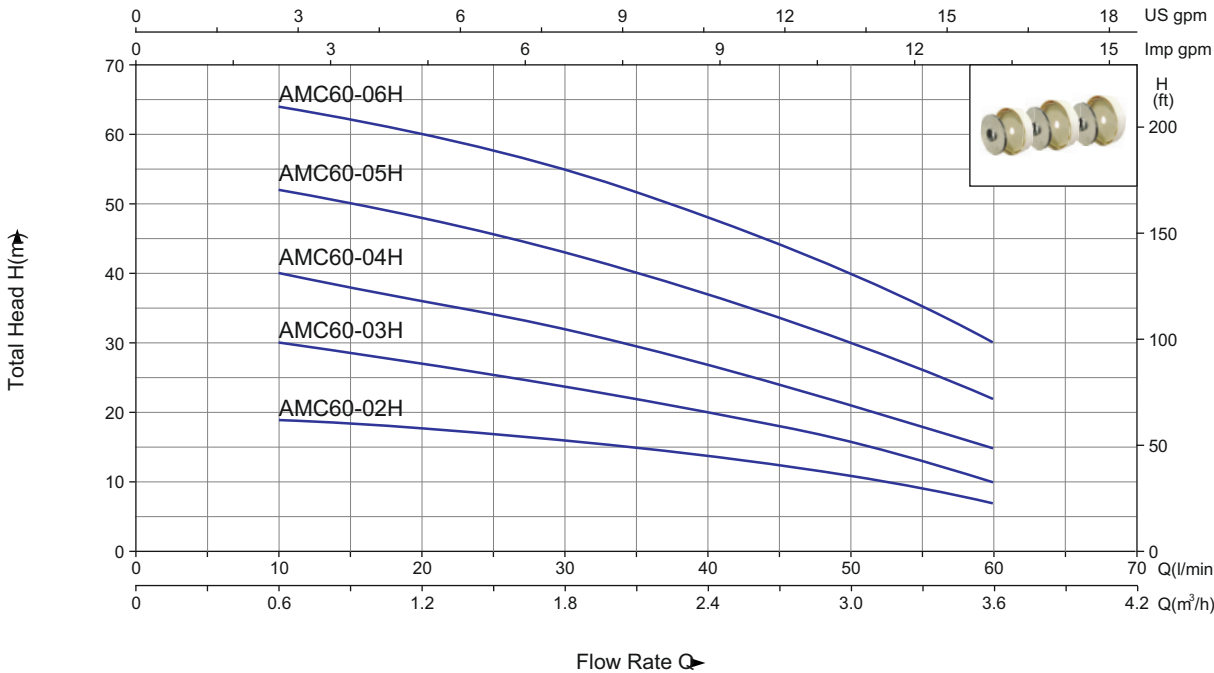
Component

Pump body.....Cast iron + Stainless steel
 Pump support.....Cast iron
 Motor housing.....Aluminum
 Impeller.....AISI304 SS as standard, PPO on request
 Motor shaft.....AISI304 SS
 Mechanical seal.....SIC/Graphite

Operating conditions

Liquid temperature up to 60°C
 Ambient temperature up to 40°C
 Total suction lift up to 8 m

Hydraulic performance curves



Technical data

Model	Power		Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6
	kW	HP	Q(l/min)	0	10	20	30	40	50	60
AMC60-02H	0.37	0.5	H(m)	20	19	18	16	14	11	7
AMC60-03H	0.50	0.65		32	30	27	24	20	16	10
AMC60-04H	0.70	0.95		43	40	36	32	27	21	15
AMC60-05H	0.85	1.15		54	52	48	43	37	30	22
AMC60-06H	1	1.3		66	64	60	55	48	40	30

Package information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
AMC60-02H	1"x1"	8.6	365x190x185
AMC60-03H	1"x1"	8.9	380x190x185
AMC60-04H	1"x1"	11.1	465x190x210
AMC60-05H	1"x1"	12	490x190x210
AMC60-06H	1"x1"	13.1	515x190x210



AMC90-H

SELF-PRIMING MULTISTAGE PUMPS



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.

The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

Two-pole induction motor (n=2850 r.p.m)
 Insulation Class B
 Protection IP44
 Continuous service S1
 Thermal protector for single phase
 Single-phase 220V/50Hz, 60Hz if request
 Three-phase 380V/50Hz, 60Hz if request

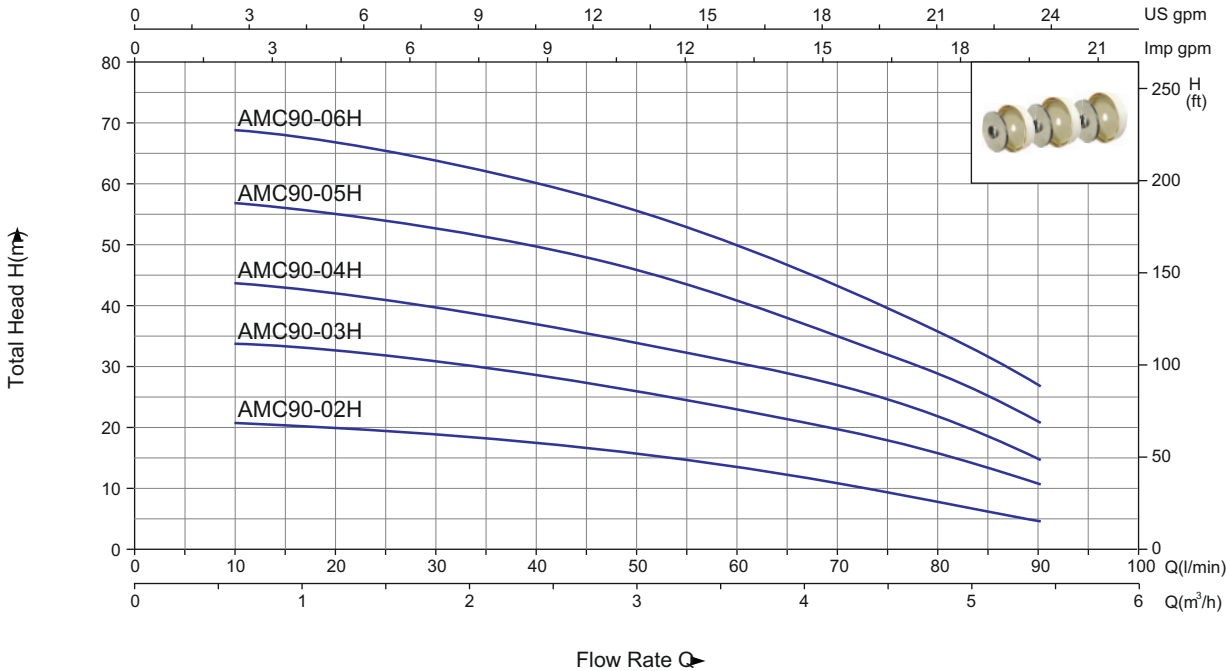
Component

Pump body Cast iron + Stainless steel
 Pump support Cast iron
 Motor housing Aluminum
 Impeller AISI304 SS as standard, PPO on request
 Motor shaft AISI304 SS
 Mechanical seal SIC/Graphite

Operating conditions

Liquid temperature up to 60°C
 Ambient temperature up to 40°C
 Total suction lift up to 8 m

Hydraulic performance curves



Technical data

Model	Power		Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
	kW	HP	Q(l/min)	0	10	20	30	40	50	60	70	80	90
AMC90-02H	0.45	0.6	H(m)	22	21	20	19	18	16	14	11	8	5
AMC90-03H	0.65	0.9		35	34	33	31	29	26	23	20	16	11
AMC90-04H	0.75	1		45	44	42	40	37	34	31	27	22	15
AMC90-05H	1	1.3		58	57	55	53	50	46	41	35	29	21
AMC90-06H	1.3	1.75		70	69	67	64	60	56	50	43	36	27

Package Information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
AMC90-02H	1"x1"	8.7	365x190x185
AMC90-03H	1"x1"	11.2	440x190x210
AMC90-04H	1"x1"	12.2	465x190x210
AMC90-05H	1"x1"	13.3	490x190x210
AMC90-06H	1"x1"	17.1	560x230x250



AMC145-H

SELF-PRIMING MULTISTAGE PUMPS



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.

The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

Two-pole induction motor (n=2850 r.p.m)
 Insulation Class B
 Protection IP44
 Continuous service S1
 Thermal protector for single phase
 Single-phase 220V/50Hz, 60Hz if request
 Three-phase 380V/50Hz, 60Hz if request

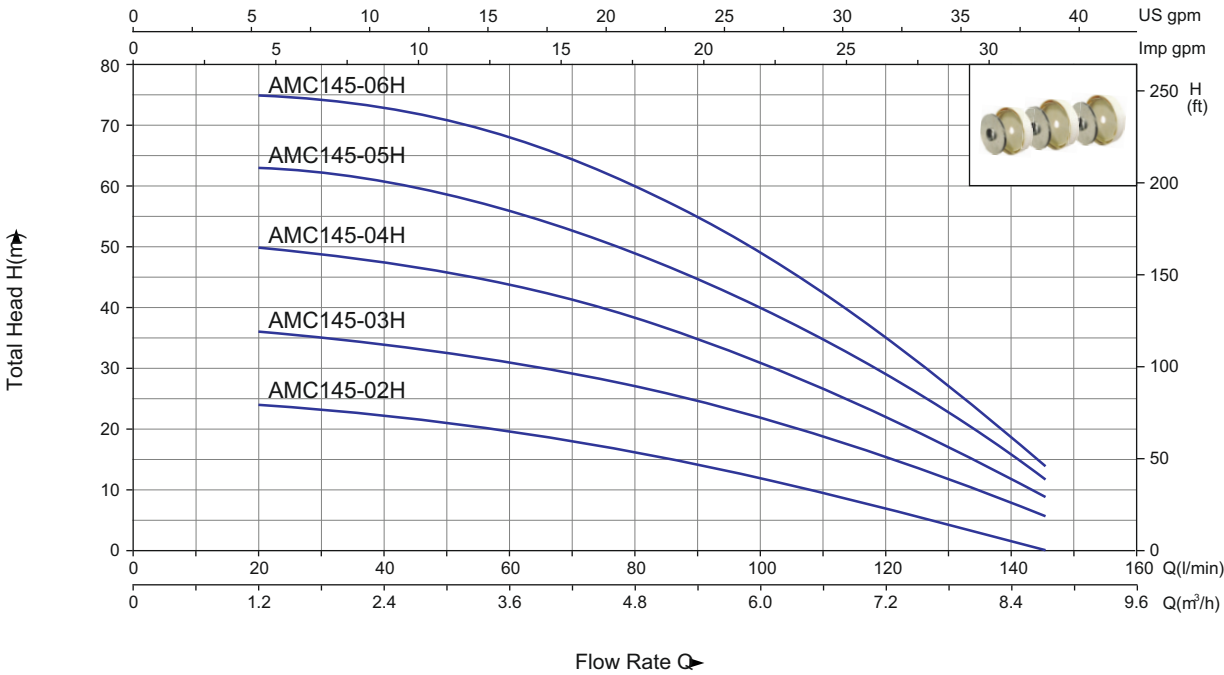
Component

Pump bodyCast iron + Stainless steel
 Pump supportCast iron
 Motor housingAluminum
 ImpellerAISI304 SS as standard, PPO on request
 Motor shaftAISI304 SS
 Mechanical sealSIC/Graphite

Operating conditions

Liquid temperature up to 60°C
 Ambient temperature up to 40°C
 Total suction lift up to 8 m

Hydraulic performance curves



Technical data

Model	Power		Q(m³/h)	0	1.2	2.4	3.6	4.8	6.0	7.2	7.8	8.7
	kW	HP	Q(l/min)	0	20	40	60	80	100	120	130	145
AMC145-02H	0.55	0.75	H(m)	25	24	22	20	16	12	7	4	0
AMC145-03H	0.75	1		37	36	34	31	27	22	15	12	6
AMC145-04H	1.1	1.5		52	50	47	44	38	31	22	17	9
AMC145-05H	1.5	2		64	63	61	56	49	40	29	23	12
AMC145-06H	1.85	2.5		76	75	73	68	60	49	35	27	14

Package Information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
AMC145-02H	1 1/4"x1"	10.8	410x190x210
AMC145-03H	1 1/4"x1"	12.6	440x190x210
AMC145-04H	1 1/4"x1"	17.5	490x230x250
AMC145-05H	1 1/4"x1"	19	520x230x250
AMC145-06H	1 1/4"x1"	23.5	605x270x260



AMC170-H

SELF-PRIMING MULTISTAGE PUMPS



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.

The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

Two-pole induction motor (n=2850 r.p.m)
Insulation Class B
Protection IP44
Continuous service S1
Thermal protector for single phase
Single-phase 220V/50Hz, 60Hz if request
Three-phase 380V/50Hz, 60Hz if request

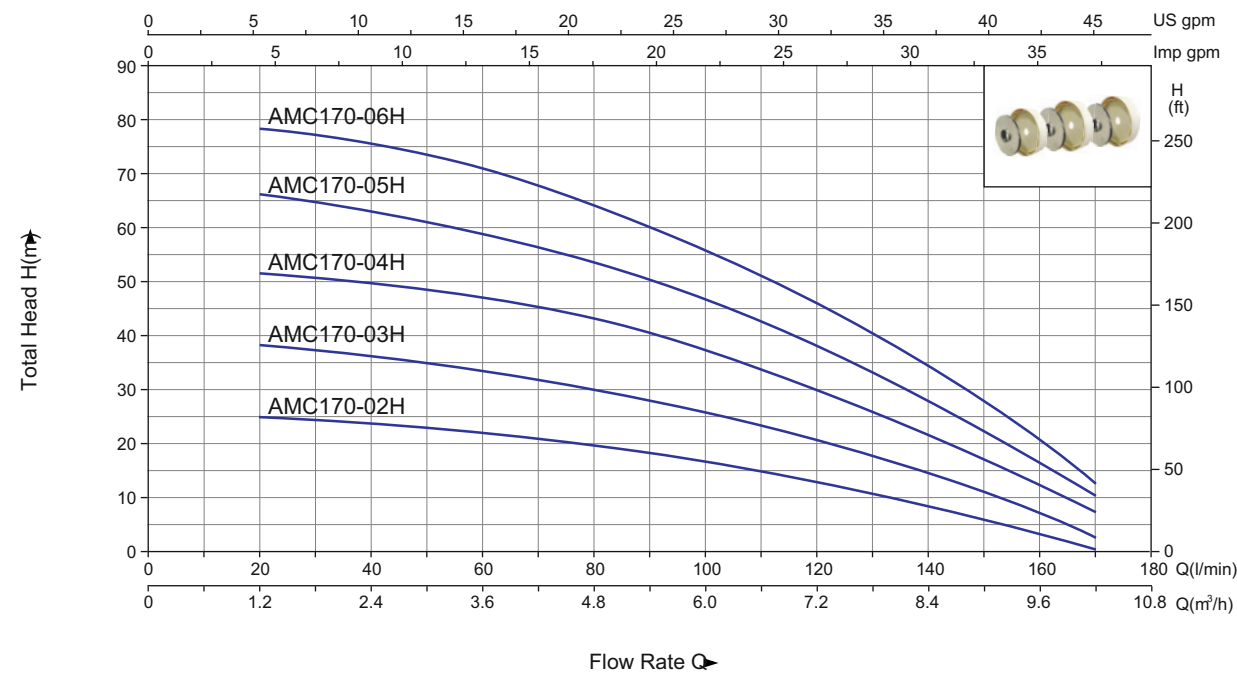
Component

Pump body Cast iron + Stainless steel
Pump support Cast iron
Motor housing Aluminum
Impeller AISI304 SS
Motor shaft AISI304 SS
Mechanical seal SIC/Graphite

Operating conditions

Liquid temperature up to 60°C
Ambient temperature up to 40°C
Total suction lift up to 8 m

Hydraulic performance curves



Technical data

Model	Power		Q(m³/h)	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.2
	kW	HP	Q(l/min)	0	20	40	60	80	100	120	140	160	170
AMC170-02H	0.75	1	H(m)	25	24	23	21	19	16	12	8	3	0
AMC170-03H	1	1.3		38	37	35	33	29	25	20	14	7	2
AMC170-04H	1.35	1.8		52	50	48	45	42	36	29	21	12	7
AMC170-05H	1.65	2.2		65	64	61	57	52	45	37	27	16	10
AMC170-06H	2.1	2.8		78	76	73	69	62	54	45	33	20	12

Package Information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
AMC170-02H	1 1/4"x1 1/4"	12.3	410x190x210
AMC170-03H	1 1/4"x1 1/4"	13.1	440x190x210
AMC170-04H	1 1/4"x1 1/4"	18.8	490x230x250
AMC170-05H	1 1/4"x1 1/4"	19.6	520x230x250
AMC170-06H	1 1/4"x1 1/4"	25	605x270x260



AMC60-V

MULTISTAGE PUMPS



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.

The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

Two-pole induction motor (n=2850 r.p.m)
 Insulation Class B
 Protection IP44
 Continuous service S1
 Thermal protector for single phase
 Single-phase 220V/50Hz, 60Hz if request
 Three-phase 380V/50Hz, 60Hz if request

Component

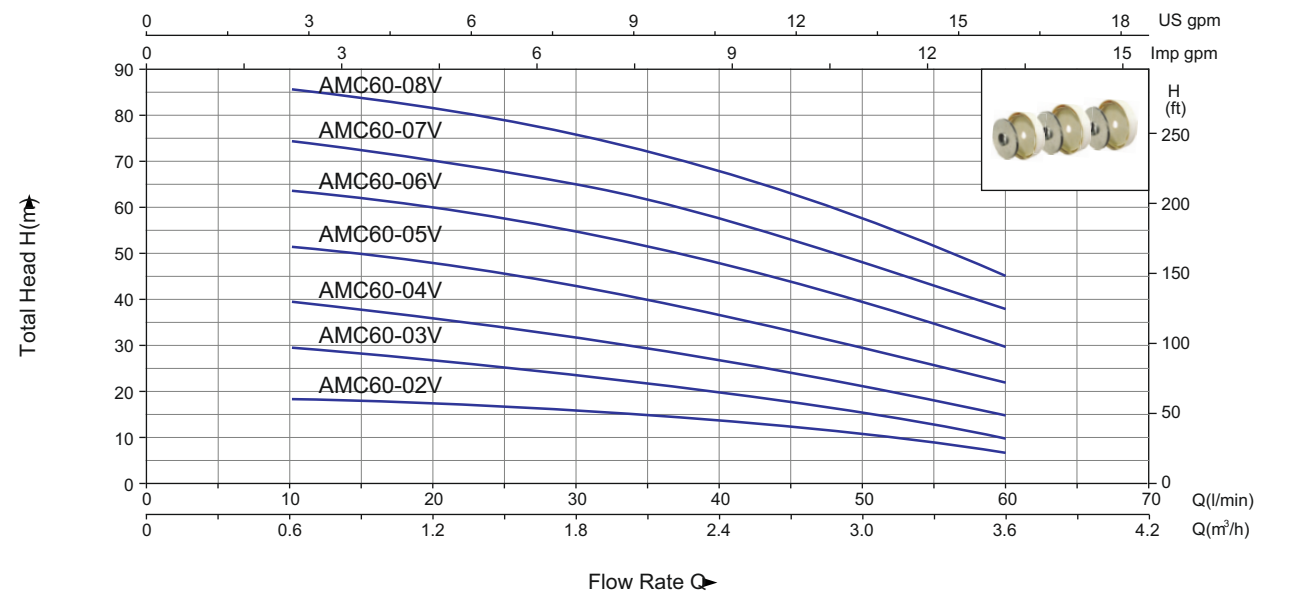
Pump body..... Cast iron + Stainless steel
 Pump support..... Cast iron
 Motor housing..... Aluminum
 Impeller..... AISI304 SS as standard, PPO on request
 Motor shaft..... AISI304 SS
 Mechanical seal..... SIC/Graphite

Operating conditions

Liquid temperature up to 60°C
 Ambient temperature up to 40°C



Hydraulic performance curves

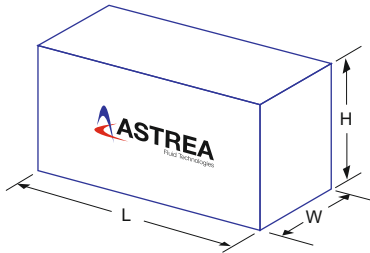


Technical data

Model	Power		Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6
	kW	HP	Q(l/min)	0	10	20	30	40	50	60
AMC60-02V	0.37	0.5	H(m)	20	19	18	16	14	11	7
AMC60-03V	0.5	0.65		32	30	27	24	20	16	10
AMC60-04V	0.7	0.95		43	40	36	32	27	21	15
AMC60-05V	0.85	1.15		54	52	48	43	37	30	22
AMC60-06V	1	1.3		66	64	60	55	48	40	30
AMC60-07V	1.2	1.6		77	75	70	65	58	48	38
AMC60-08V	1.4	1.85		88	86	82	76	68	58	45

Package Information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
AMC60-02V	1"x1"	10.8	375x195x200
AMC60-03V	1"x1"	11.2	400x195x200
AMC60-04V	1"x1"	13.3	495x235x240
AMC60-05V	1"x1"	14.2	525x235x240
AMC60-06V	1"x1"	15.3	550x235x240
AMC60-07V	1"x1"	24.1	620x275x270
AMC60-08V	1"x1"	25.3	645x275x270



AMC90-V

MULTISTAGE PUMPS



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.

The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

Two-pole induction motor (n=2850 r.p.m)
Insulation Class B
Protection IP44
Continuous service S1
Thermal protector for single phase
Single-phase 220V/50Hz, 60Hz if request
Three-phase 380V/50Hz, 60Hz if request

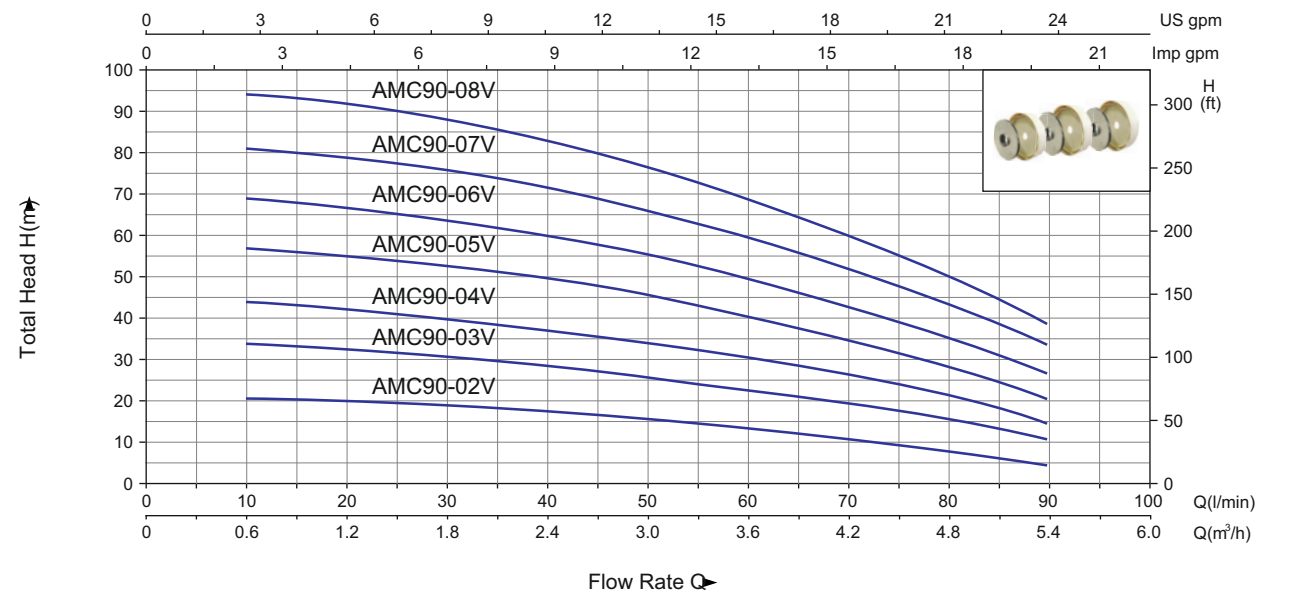
Component

Pump body Cast iron + Stainless steel
Pump support Cast iron
Motor housing Aluminum
Impeller AISI304 SS as standard, PPO on request
Motor shaft AISI304 SS
Mechanical seal SIC/Graphite

Operating conditions

Liquid temperature up to 60°C
Ambient temperature up to 40°C

Hydraulic performance curves

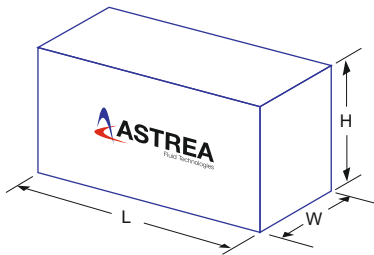


Technical data

Model	Power		Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
	kW	HP	Q(l/min)	0	10	20	30	40	50	60	70	80	90
AMC90-02V	0.45	0.6	H(m)	22	21	20	19	18	16	14	11	8	5
AMC90-03V	0.65	0.9		35	34	33	31	29	26	23	20	16	11
AMC90-04V	0.75	1		45	44	42	40	37	34	31	27	22	15
AMC90-05V	1	1.3		58	57	55	53	50	46	41	35	29	21
AMC90-06V	1.3	1.75		70	69	67	64	60	56	50	43	36	27
AMC90-07V	1.5	2		82	81	79	76	72	66	60	52	44	34
AMC90-08V	1.65	2.2		95	94	92	88	83	77	69	60	51	39

Package Information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
AMC90-02V	1"x1"	11	375x195x200
AMC90-03V	1"x1"	13.5	475x235x240
AMC90-04V	1"x1"	14.6	500x235x240
AMC90-05V	1"x1"	15.8	525x235x240
AMC90-06V	1"x1"	20.2	575x255x265
AMC90-07V	1"x1"	21.7	620x275x270
AMC90-08V	1"x1"	23.5	655x275x270



AMC145-V

MULTISTAGE PUMPS



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.

The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

Two-pole induction motor (n=2850 r.p.m)
Insulation Class B
Protection IP44
Continuous service S1
Thermal protector for single phase
Single-phase 220V/50Hz, 60Hz if request
Three-phase 380V/50Hz, 60Hz if request

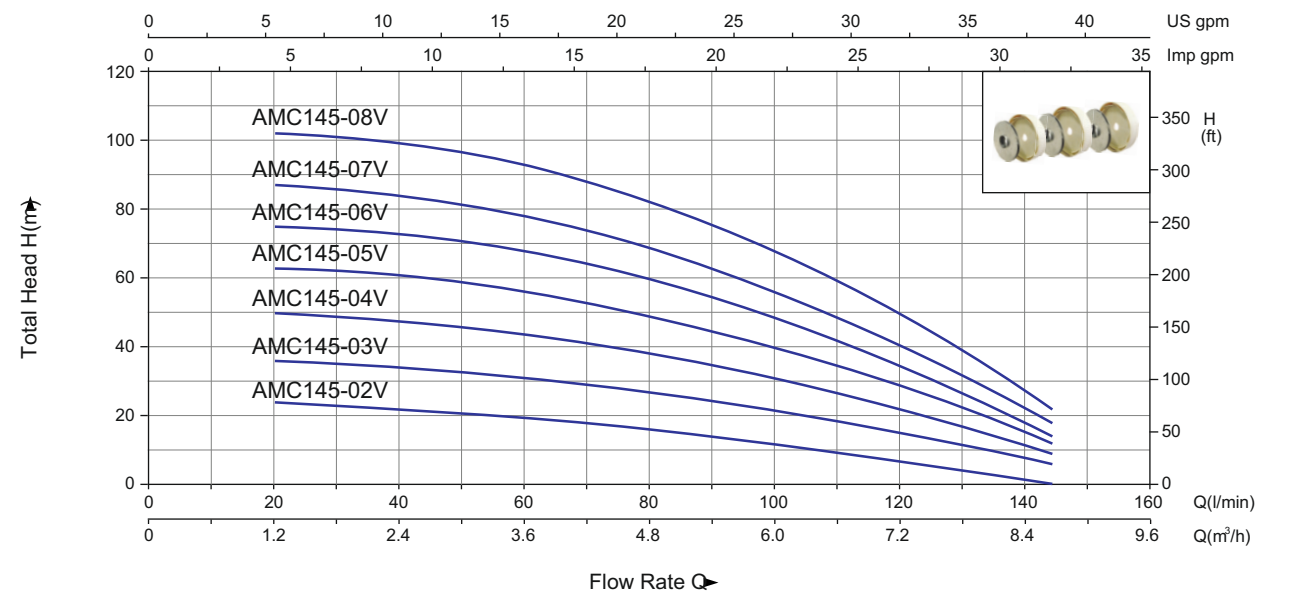
Component

Pump body Cast iron + Stainless steel
Pump support Cast iron
Motor housing Aluminum
Impeller AISI304 SS as standard, PPO on request
Motor shaft AISI304 SS
Mechanical seal SIC/Graphite

Operating conditions

Liquid temperature up to 60°C
Ambient temperature up to 40°C

Hydraulic performance curves

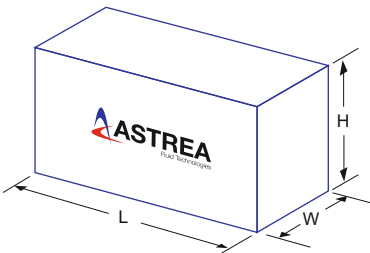


Technical data

Model	Power		Q(m³/h)	0	1.2	2.4	3.6	4.8	6.0	7.2	7.8	8.7
	kW	HP	Q(l/min)	0	20	40	60	80	100	120	130	145
AMC145-02V	0.55	0.75	H(m)	25	24	22	20	16	12	7	4	0
AMC145-03V	0.75	1		37	36	34	31	27	22	15	12	6
AMC145-04V	1.1	1.5		52	50	47	44	38	31	22	17	9
AMC145-05V	1.5	2		64	63	61	56	49	40	29	23	12
AMC145-06V	1.85	2.5		76	75	73	68	60	49	35	27	14
AMC145-07V	2.2	3		89	87	84	78	69	56	41	32	18
AMC145-08V	2.5	3.3		104	102	99	93	82	68	50	40	22

Package Information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
AMC145-02V	1 1/4"x1"	13	450x235x240
AMC145-03V	1 1/4"x1"	14	475x235x240
AMC145-04V	1 1/4"x1"	21.7	545x275x270
AMC145-05V	1 1/4"x1"	23	570x275x270
AMC145-06V	1 1/4"x1"	29.8	605x260x235
AMC145-07V	1 1/4"x1"	31	670x285x265
AMC145-08V	1 1/4"x1"	32.6	695x285x265



AMC170-V

MULTISTAGE PUMPS



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.

The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

Two-pole induction motor (n=2850 r.p.m)
Insulation Class B
Protection IP44
Continuous service S1
Thermal protector for single phase
Single-phase 220V/50Hz, 60Hz if request
Three-phase 380V/50Hz, 60Hz if request

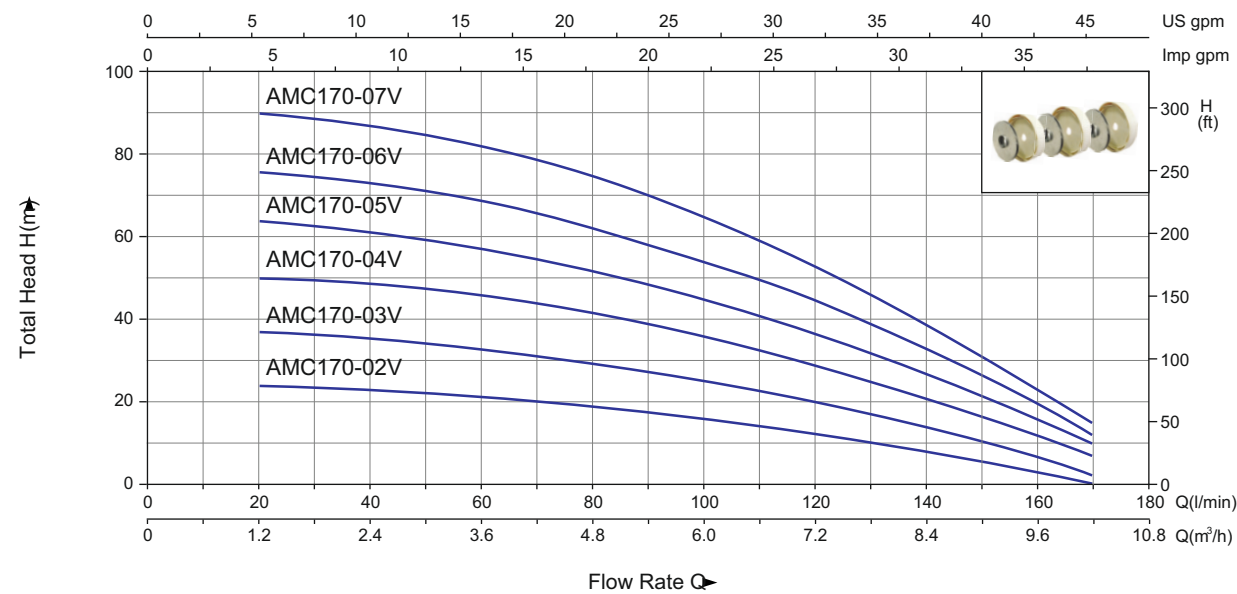
Component

Pump body Cast iron + Stainless steel
Pump support Cast iron
Motor housing Aluminum
Impeller AISI304 SS as standard, PPO on request
Motor shaft AISI304 SS
Mechanical seal SIC/Graphite

Operating conditions

Liquid temperature up to 60°C
Ambient temperature up to 40°C

Hydraulic performance curves

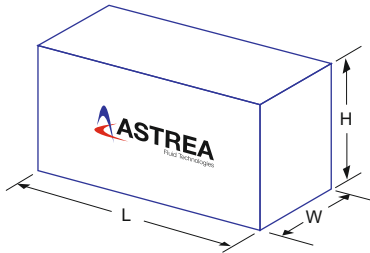


Technical data

Model	Power		Q(m³/h)	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.2
	kW	HP	Q(l/min)	0	20	40	60	80	100	120	140	160	170
AMC170-02V	0.75	1	H(m)	25	24	23	21	19	16	12	8	3	0
AMC170-03V	1	1.3		38	37	35	33	29	25	20	14	7	2
AMC170-04V	1.35	1.8		52	50	48	45	42	36	29	21	12	7
AMC170-05V	1.65	2.2		65	64	61	57	52	45	37	27	16	10
AMC170-06V	2.1	2.8		78	76	73	69	62	54	45	33	20	12
AMC170-07V	2.4	3.2		92	90	87	82	75	65	53	39	23	15

Package Information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
AMC170-02V	1 1/4"x1 1/4"	14	435x220x215
AMC170-03V	1 1/4"x1 1/4"	15.2	460x220x215
AMC170-04V	1 1/4"x1 1/4"	22.5	545x275x270
AMC170-05V	1 1/4"x1 1/4"	23.6	570x275x270
AMC170-06V	1 1/4"x1 1/4"	28.5	645x285x265
AMC170-07V	1 1/4"x1 1/4"	32	670x285x265



AMC220-V

MULTISTAGE PUMPS



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made. The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc. The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

Two-pole induction motor (n=2850 r.p.m)
Insulation Class B
Protection IP44
Continuous service S1
Thermal protector for single phase
Single-phase 220V/50Hz, 60Hz if request
Three-phase 380V/50Hz, 60Hz if request

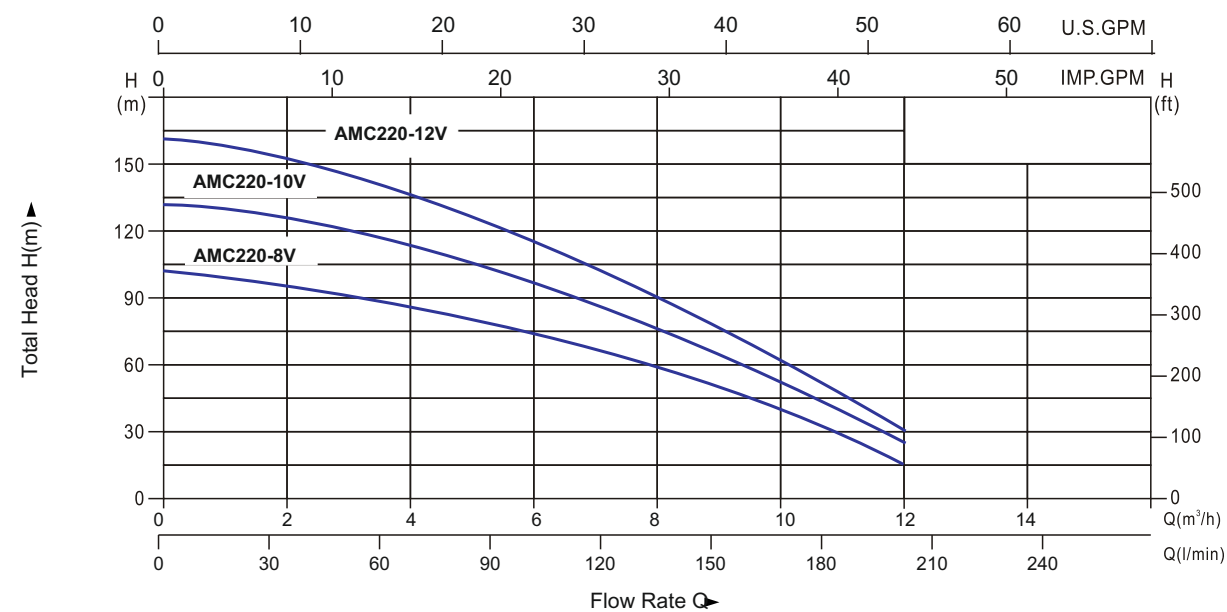
Component

Pump body Cast iron + Stainless steel
Pump support Cast iron
Motor housing Aluminum
Impeller AISI304 SS as standard, PPO on request
Motor shaft AISI304 SS
Mechanical seal SIC/Graphite

Operating conditions

Liquid temperature up to 60°C
Ambient temperature up to 40°C

Hydraulic performance curves

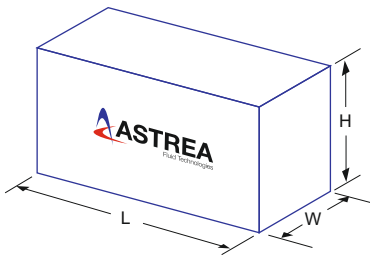


Technical data

Model	Power		Q(m³/h)	0	2	4	6	8	10	12
	kW	HP	Q(l/min)	0	20	60	80	100	140	170
AMC220-08V	3	4	H(m)	103	95	85	75	60	40	15
AMC220-10V	4	5.5		132	125	113	95	75	58	20
AMC220-12V	5.5	7.5		143	152	136	115	90	63	30

Package information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
AMC220-08V	1 1/4"x1 1/4"	23	585x275x270
AMC220-10V	1 1/4"x1 1/4"	26.4	615x275x270
AMC220-12V	1 1/4"x1 1/4"	27.5	645x275x270



AMC350-V

MULTISTAGE PUMPS



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made. The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc. The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

Two-pole induction motor (n=2850 r.p.m)
Insulation Class B
Protection IP44
Continuous service S1
Thermal protector for single phase
Single-phase 220V/50Hz, 60Hz if request
Three-phase 380V/50Hz, 60Hz if request

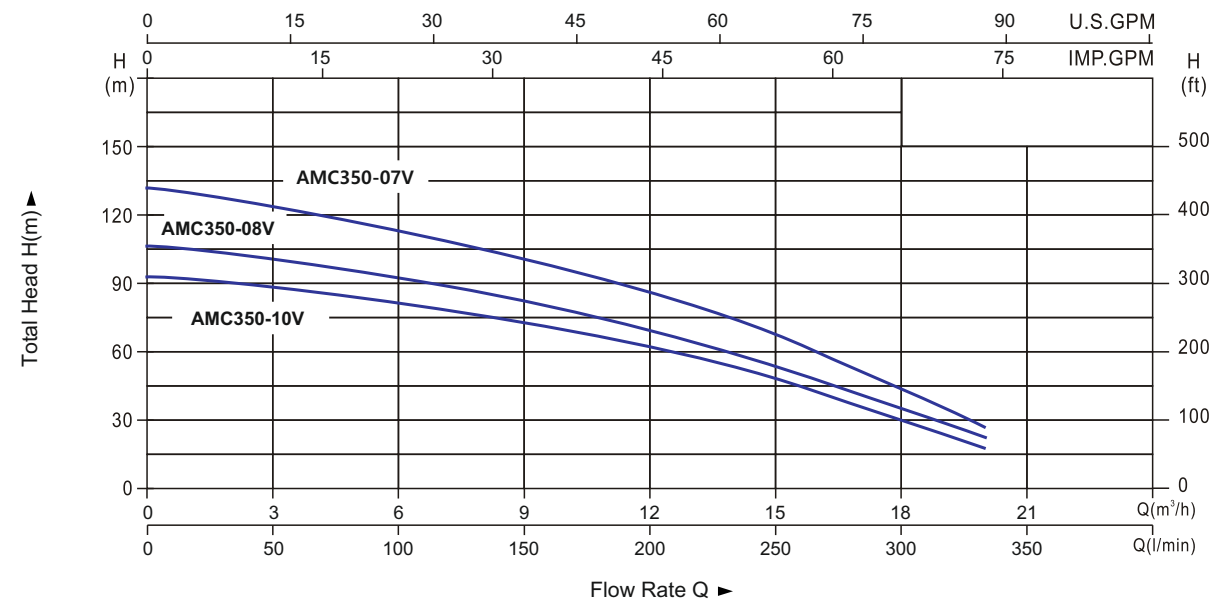
Component

Pump body Cast iron + Stainless steel
Pump support Cast iron
Motor housing Aluminum
Impeller AISI304 SS as standard, PPO on request
Motor shaft AISI304 SS
Mechanical seal SIC/Graphite

Operating conditions

Liquid temperature up to 60°C
Ambient temperature up to 40°C

Hydraulic performance curves

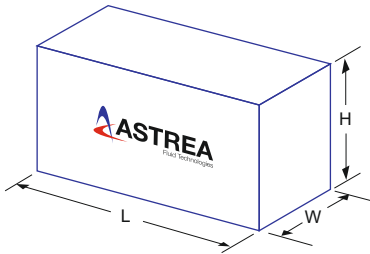


Technical data

Model	Power		Q(m³/h)	0	3	6	9	12	15	18
	kW	HP	Q(l/min)	0	50	100	150	200	250	300
AMC350-07V	4	5.5	H(m)	92	89	80	72	62	48	30
AMC350-08V	4.7	6.4		105	100	92	83	71	55	35
AMC350-10V	5.5	7.5		133	123	112	99	86	65	45

Package information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
AMC350-07V	1 1/2"x1 1/4"	23	585x275x270
AMC350-08V	1 1/2"x1 1/4"	26.4	615x275x270
AMC350-10V	1 1/2"x1 1/4"	27.5	645x275x270



ADP90-S

SUBMERSIBLE PUMPS



Application

Suitable for use with clean water that does not contain abrasive particles.
As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as domestic, gardening, irrigation and emptying tanks.

Motor

Two-pole induction motor (n=2850 r.p.m)
Insulation Class B
Protection IP68
Continuous service S1
Thermal protector
Single-phase 220V/50Hz, 60Hz if request

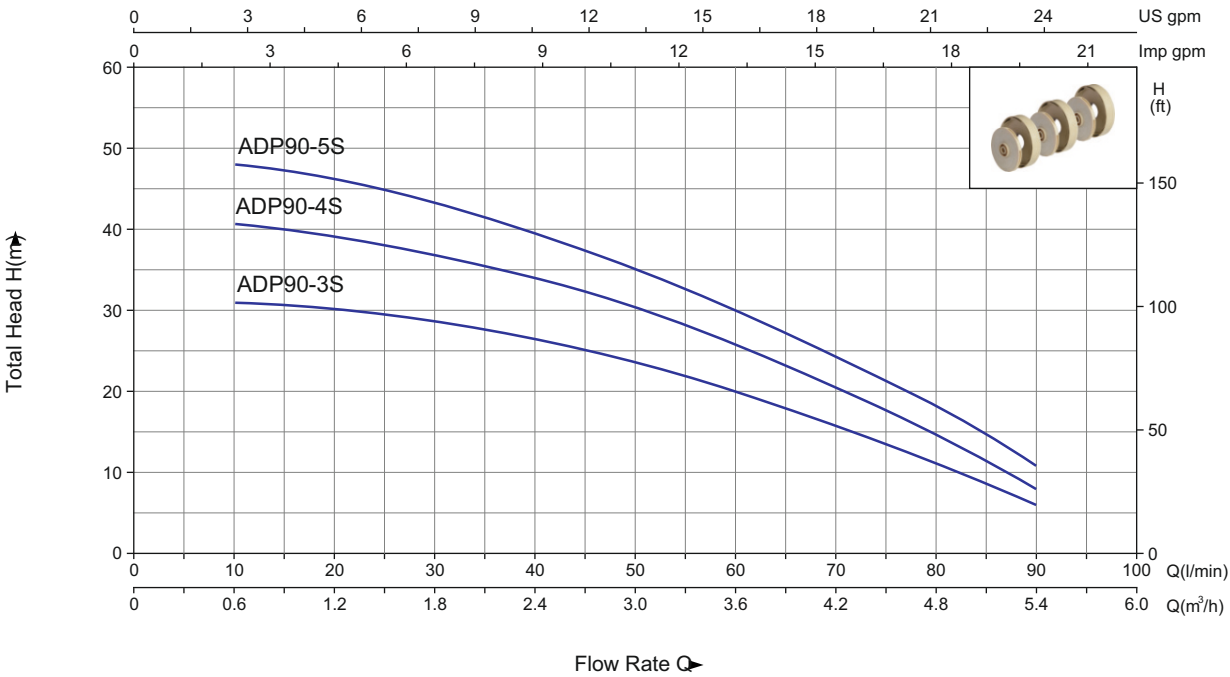
Component

Pump bodyTechnopolymer & AISI304 SS
Suction filter AISI304 SS
ImpellerNoryl
Motor shaft AISI304 SS
Mechanical seal Ceramic/Graphite
Cable12m power cable with plug

Operating conditions

8 m maximum immersion depth
Liquid temperature up to 35 °C
Maximum ambient temperature 40 °C

Hydraulic performance curves

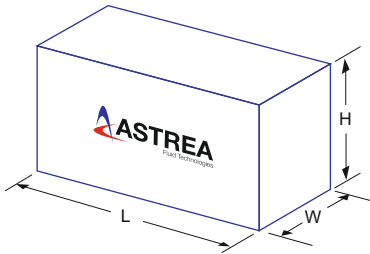


Technical data

Model	Power	Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
	kW	Q(l/min)	0	10	20	30	40	50	60	70	80	90
ADP90-3S	0.8	H(m)	32	31	29.5	28	26	23	20	16	11	6
ADP90-4S	1		42	40.5	38.5	36.5	34	30.5	26	20	14	8
ADP90-5S	1.2		50	48	46	43.5	40	35	30	24.5	18	11

Package information

Model	Outlet	N.W	LxWxH
	Inch	kg	mm
ADP90-3S	1"	9.5	295x200x520
ADP90-4S	1"	10	295x200x545
ADP90-5S	1"	11	295x200x570



ADP145-S

SUBMERSIBLE PUMPS



Application

Suitable for use with clean water that does not contain abrasive particles.
As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as domestic, gardening, irrigation and emptying tanks.

Component

Pump body _____Technopolymer & AISI304 SS
Suction filter _____ AISI304 SS
Impeller _____ Noryl
Motor shaft _____ AISI304 SS
Mechanical seal _____ Ceramic/Graphite
Cable _____ 12m power cable with plug

Motor

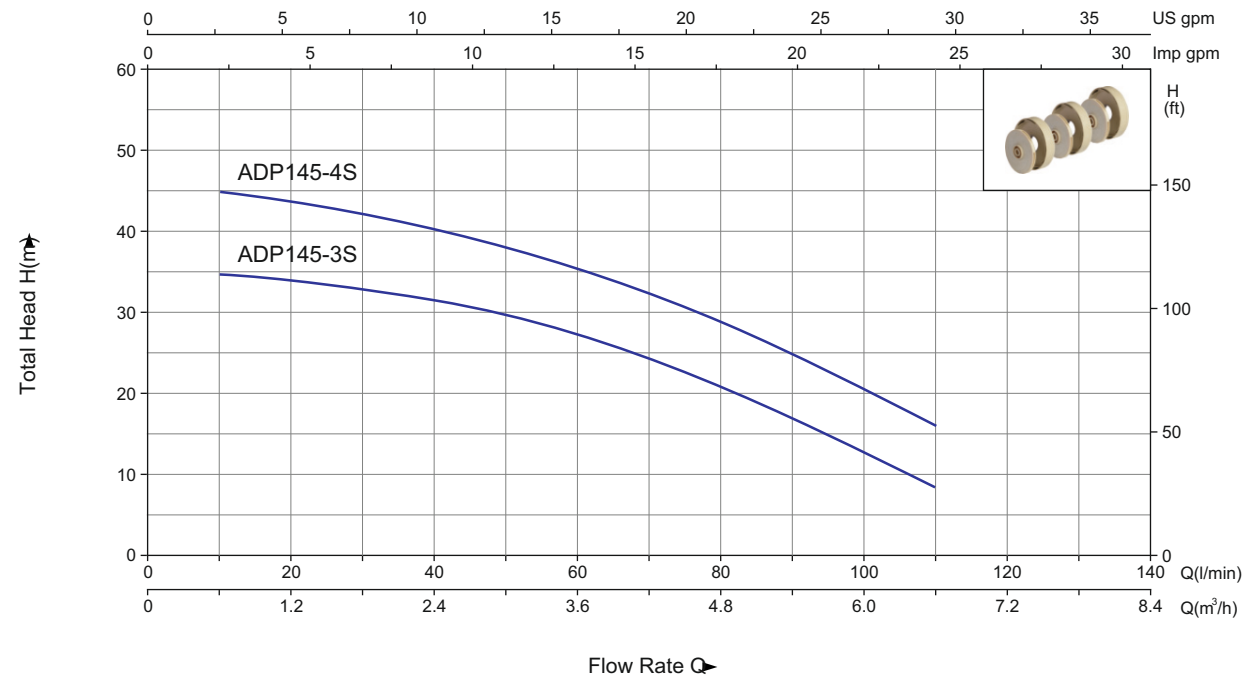
Two-pole induction motor (n=2850 r.p.m)
Insulation Class B
Protection IP68
Continuous service S1
Thermal protector
Single-phase 220V/50Hz, 60Hz if request

Operating conditions

8 m maximum immersion depth
Liquid temperature up to 35 °C
Maximum ambient temperature 40 °C



Hydraulic performance curves

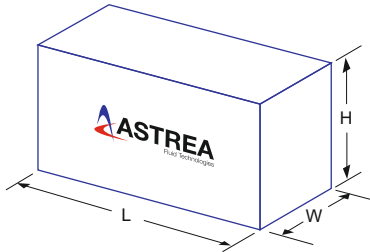


Technical data

Model	Power	Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6
	kW	Q(l/min)	0	10	20	30	40	50	60	70	80	90	100	110
ADP145-3S	1	H(m)	35	34	33	32	31	29.5	27	24	21	17	13	9
ADP145-4S	1.2		45	44	43	42	40	37.5	35	32	28	24	20	16

Package information

Model	Outlet	N.W	LxWxH
	Inch	kg	mm
ADP145-3S	1"	10	295x200x520
ADP145-4S	1"	10.5	295x200x545



ADP90-SE

AUTOMATIC SUBMERSIBLE PUMPS



Application

Suitable for use with clean water that does not contain abrasive particles.
As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as domestic, gardening, irrigation and emptying tanks.

Component

Pump bodyTechnopolymer & AISI304 SS
Suction filter AISI304 SS
Impeller Noryl
Motor shaft AISI304 SS
Mechanical seal Ceramic/Graphite
Cable 12m power cable with plug

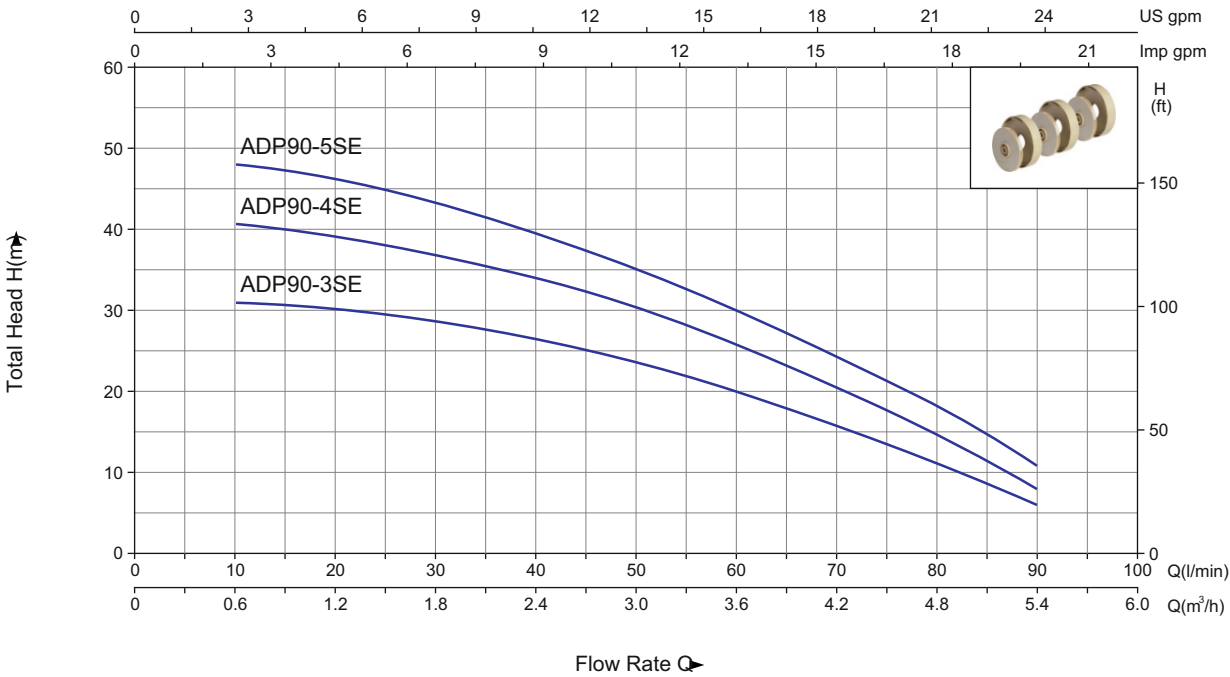
Motor

Two-pole induction motor (n=2850 r.p.m)
Insulation Class B
Protection IP68
Continuous service S1
Thermal protector
Single-phase 220V/50Hz, 60Hz if request

Operating conditions

8 m maximum immersion depth
Liquid temperature up to 35 °C
Maximum ambient temperature 40 °C

Hydraulic performance curves

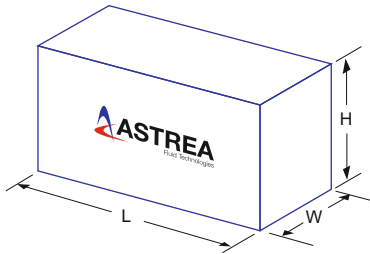


Technical data

Model	Power	Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
	kW	Q(l/min)	0	10	20	30	40	50	60	70	80	90
ADP90-3SE	0.8	H(m)	32	31	29.5	28	26	23	20	16	11	6
ADP90-4SE	1		42	40.5	38.5	36.5	34	30.5	26	20	14	8
ADP90-5SE	1.2		50	48	46	43.5	40	35	30	24.5	18	11

Package information

Model	Outlet	N.W	LxWxH
	Inch	kg	mm
ADP90-3SE	1"	9.5	295x200x520
ADP90-4SE	1"	10	295x200x545
ADP90-5SE	1"	11	295x200x570



ADP145-SE

SUBMERSIBLE PUMPS



Application

Suitable for use with clean water that does not contain abrasive particles.
As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as domestic, gardening, irrigation and emptying tanks.

Component

Pump bodyTechnopolymer & AISI304 SS
Suction filter AISI304 SS
Impeller Noryl
Motor shaft AISI304 SS
Mechanical seal Ceramic/Graphite
Cable 12m power cable with plug

Motor

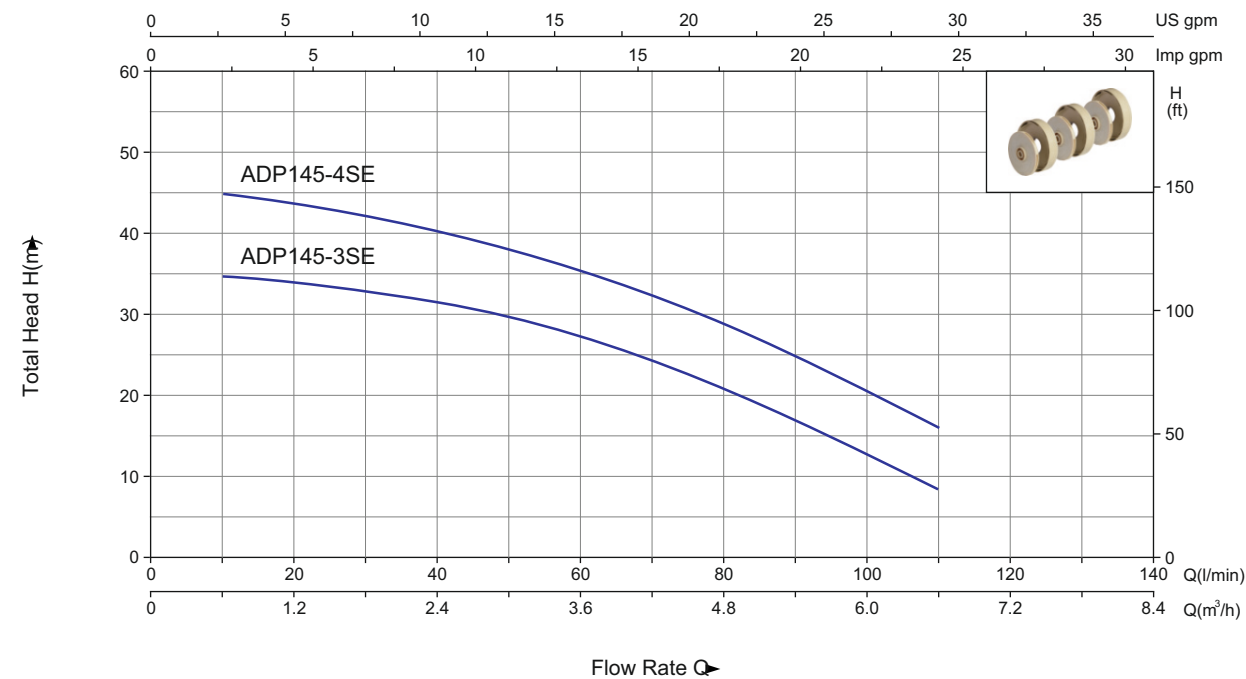
Two-pole induction motor (n=2850 r.p.m)
Insulation Class B
Protection IP68
Continuous service S1
Thermal protector
Single-phase 220V/50Hz, 60Hz if request

Operating conditions

8 m maximum immersion depth
Liquid temperature up to 35 °C
Maximum ambient temperature 40 °C



Hydraulic performance curves

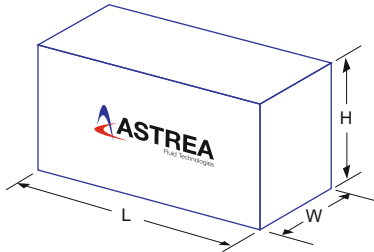


Technical data

Model	Power	Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6
	kW	Q(l/min)	0	10	20	30	40	50	60	70	80	90	100	110
ADP145-3SE	1	H(m)	35	34	33	32	31	29.5	27	24	21	17	13	9
ADP145-4SE	1.2		45	44	43	42	40	37.5	35	32	28	24	20	16

Package information

Model	Outlet	N.W	LxWxH
	Inch	kg	mm
ADP145-3SE	1"	10	295x200x520
ADP145-4SE	1"	10.5	295x200x545



ASW-D

SUBMERSIBLE SEWAGE PUMPS



ASW370-D



ASW550-D



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.
As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partial up to a maximum of $\phi 10\text{mm}$.

Motor

Two-pole induction motor ($n=2850\text{ r.p.m}$)
Insulation Class B
Protection IP68
Continuous service S1
Thermal protector for single phase
Single-phase 220V/50Hz, 60Hz if request
Three-phase 380V/50Hz, 60Hz if request

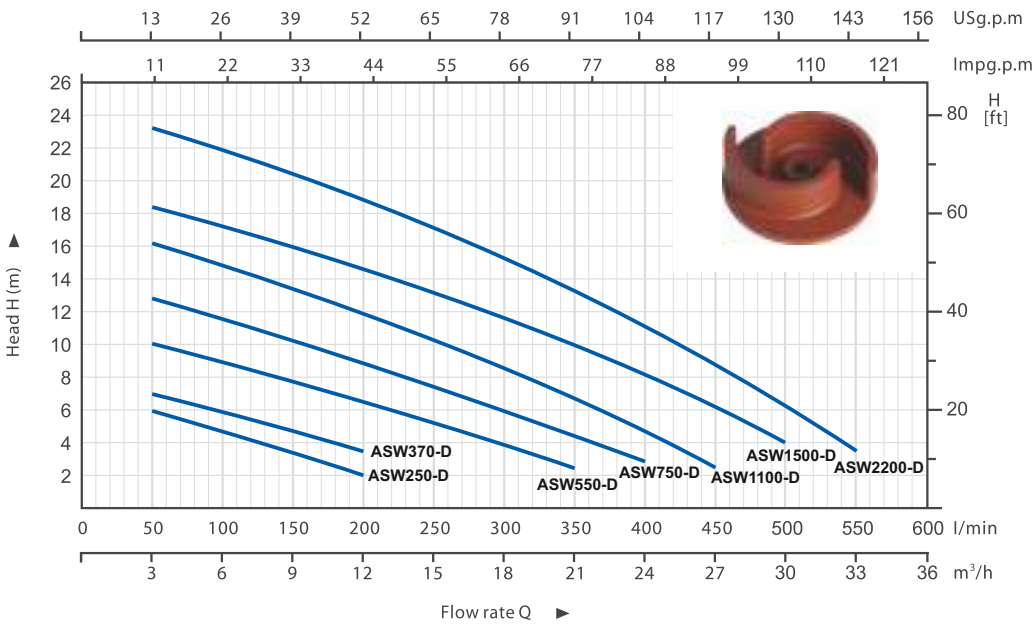
Component

Pump body Cast iron
Motor housing AISI304 SS
Impeller Cast iron
Motor shaft AISI304 SS
Mechanical seal SIC-SIC
Cable 10m power cable with plug

Operating conditions

5 m maximum immersion depth
Liquid temperature up to $35\text{ }^{\circ}\text{C}$
Maximum ambient temperature $40\text{ }^{\circ}\text{C}$

Hydraulic performance curves



Technical data

Model	Power		Q(m³/h)	0	3	6	9	12	15	18	21	24	27
	kW	HP	Q(l/min)	0	50	100	150	200	250	300	350	400	450
ASW250-D	0.25	0.34	H(m)	7	6	5	3.7	2	-	-	-	-	-
ASW370-D	0.37	0.5		8	7	6	4.8	3.5	-	-	-	-	-
ASW550-D	0.55	0.75		11	10	9	7.7	6.5	5.2	4	2.5	-	-
ASW750-D	0.75	1		14	13	12	11	9.5	8	6	4.5	2.8	-
ASW1100-D	1.1	1.5		17.5	16	15	13.5	12	10.5	9	7	5	2.5
ASW1500-D	1.5	2		19.5	18.8	17.8	16.5	15.5	14	12.5	10.5	8.5	6.5
ASW2200-D	2.2	3		24.5	23	21.5	20	18.5	17	15.5	13.5	11.5	9

Package Information

Model	Outlet	N.W	LxWxH
	Inch	kg	mm
ASW250-D	1 1/4"	8	195x140x395
ASW370-D	1 1/4"	9	195x140x415
ASW550-D	2"	14.5	245x165x430
ASW750-D	2"	15.3	245x165x440
ASW1100-D	2"	17	245x165x450
ASW1500-D	2"	20	245x165x475
ASW2200-D	2"	21	245x165x495



ASW/CUT

CUTTING SYSTEM SUBMERSIBLE SEWAGE PUMPS



Application

Submersible sewage pumps widely used in agriculture, architecture, mine, environment protection and industry, such as drainage slurry, waste water, which contained short fibre, long fibre, wastepaper, sand and so on, it is also an ideal equipment for irrigation.

Component

Pump body Cast iron
Motor housing AISI304 SS
Impeller Superior steel
Motor shaft AISI304 SS
Mechanical seal SIC-SIC/Ceramic-Graphite
Cable 8m power cable with plug

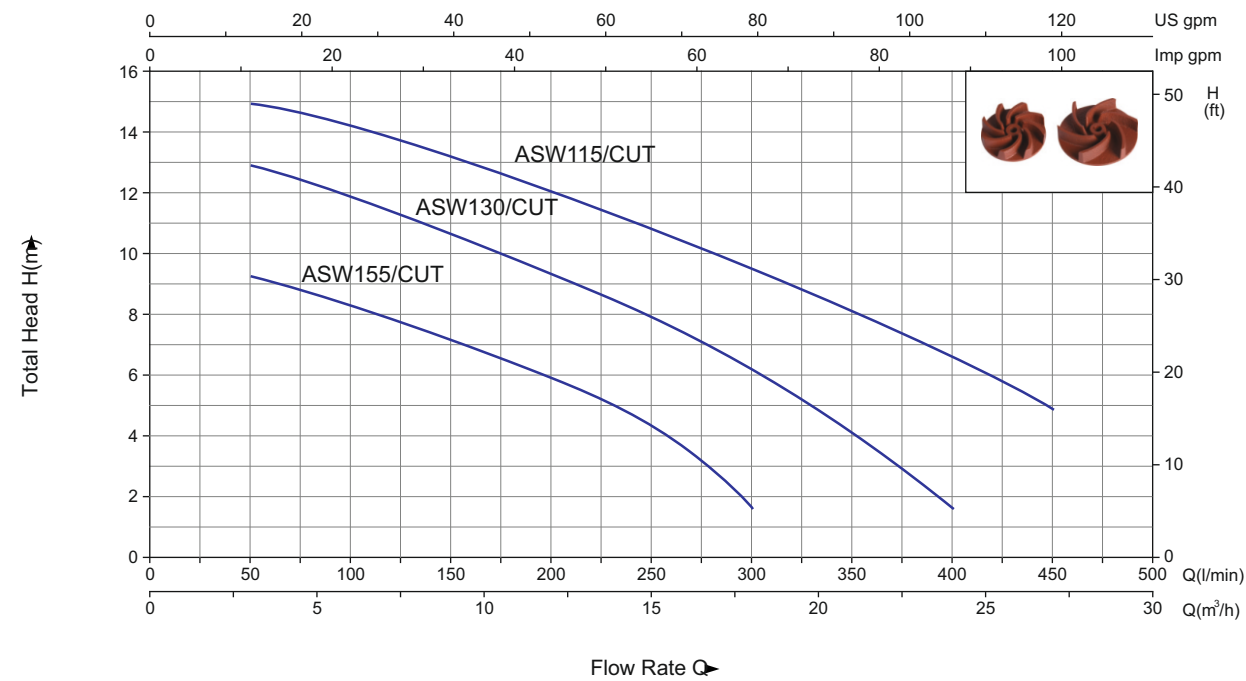
Motor

Two-pole induction motor (n=2850 r.p.m)
Insulation Class B
Protection IP68
Continuous service S1
Thermal protector for single phase
Single-phase 220V/50Hz, 60Hz if request
Three-phase 380V/50Hz, 60Hz if request

Operating conditions

5 m maximum immersion depth
Liquid temperature up to 35 °C
Maximum ambient temperature 40 °C

Hydraulic performance curves

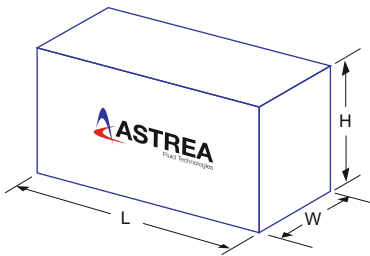


Technical data

Model	Power		Q(m³/h)	0	3	6	9	12	15	18	21	24	27
	kW	HP	Q(l/min)	0	50	100	150	200	250	300	350	400	450
ASW115/CUT	1.15	1.6	H(m)	10	9.3	8.3	7.2	6	4.5	1.8	-	-	-
ASW130/CUT	1.3	1.8		14	13	11.8	10.6	9.2	8	6.5	4	1.8	-
ASW155/CUT	1.55	2.1		15.5	15	14.1	13.2	12.2	11	9.5	8	6.5	5

Package information

Model	Outlet	Partical	N.W	LxWxH
	Inch	Φ mm	kg	mm
ASW115/CUT	2"	8	20	300x230x520
ASW130/CUT	2"	8	23	300x230x520
ASW155/CUT	2 1/2"	8	27.5	340x275x560



ASW/GD

CUTTING SYSTEM SUBMERSIBLE SEWAGE PUMPS



Application

The RUT pumps are specifically designed for pumping untreated waste water from domestic, commercial or municipal sources. The high discharge pressure enables transfer of waste water over longer distances. The pump can cut up fibre mixture in water easily for example: gloves, rope, cloth. Being not wound and no obstruction. It also can reduce energy consumption and keep downtime costs to a minimum, while maintaining peak performance throughout the system life.

Component

Pump body Cast iron
Motor housing AISI304 SS
Impeller Cast iron
Motor shaft AISI304 SS
Mechanical seal SIC-SIC/Ceramic-Graphite
Cable 8m power cable with plug

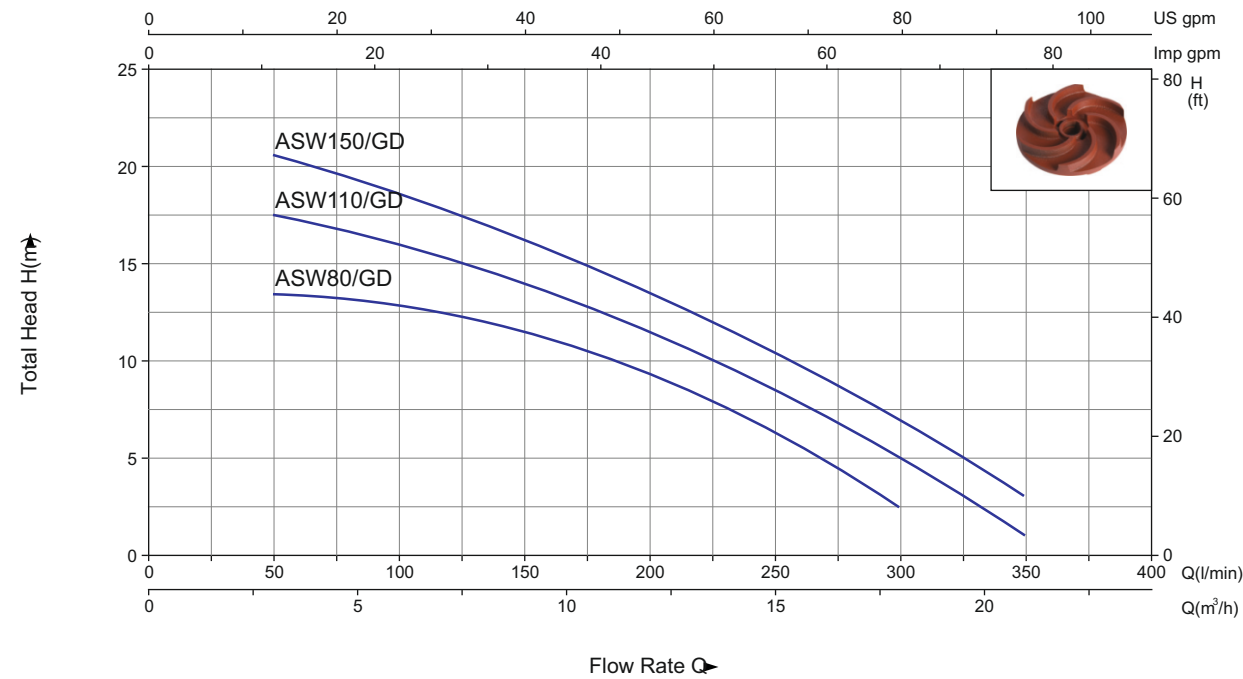
Motor

Two-pole induction motor (n=2850 r.p.m)
Insulation Class B
Protection IP68
Continuous service S1
Thermal protector for single phase
Single-phase 220V/50Hz, 60Hz if request
Three-phase 380V/50Hz, 60Hz if request

Operating conditions

5 m maximum immersion depth
Liquid temperature up to 35 °C
Maximum ambient temperature 40 °C

Hydraulic performance curves

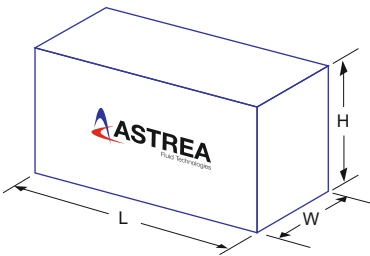


Technical data

Model	Power		Q(m³/h)	0	3	6	9	12	15	18	21
	kW	HP	Q(l/min)	0	50	100	150	200	250	300	350
ASW80/GD	0.8	1.1	H(m)	14	13.5	12.5	11.5	9.5	6.2	2.5	-
ASW110/GD	1.1	1.5		19	17.5	16	14	11.5	8.5	5.3	1
ASW150/GD	1.5	2		23	20.5	18.5	16	13.5	10.5	7	3

Package Information

Model	Outlet	Partical	N.W	LxWxH
	Inch	Φ mm	kg	mm
ASW80/GD	2"	5	28.5	310x230x640
ASW110/GD	2"	5	30.5	310x230x640
ASW150/GD	2"	5	33	310x230x670



AWQ

SUBMERSIBLE SEWAGE PUMPS



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.
As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partial up to a maximum of $\phi 10\text{mm}$.

Motor

Two-pole induction motor ($n=2850\text{ r.p.m}$)
Insulation Class B
Protection IP68
Continuous service S1
Thermal protector for single phase
Single-phase 220V/50Hz, 60Hz if request
Three-phase 380V/50Hz, 60Hz if request

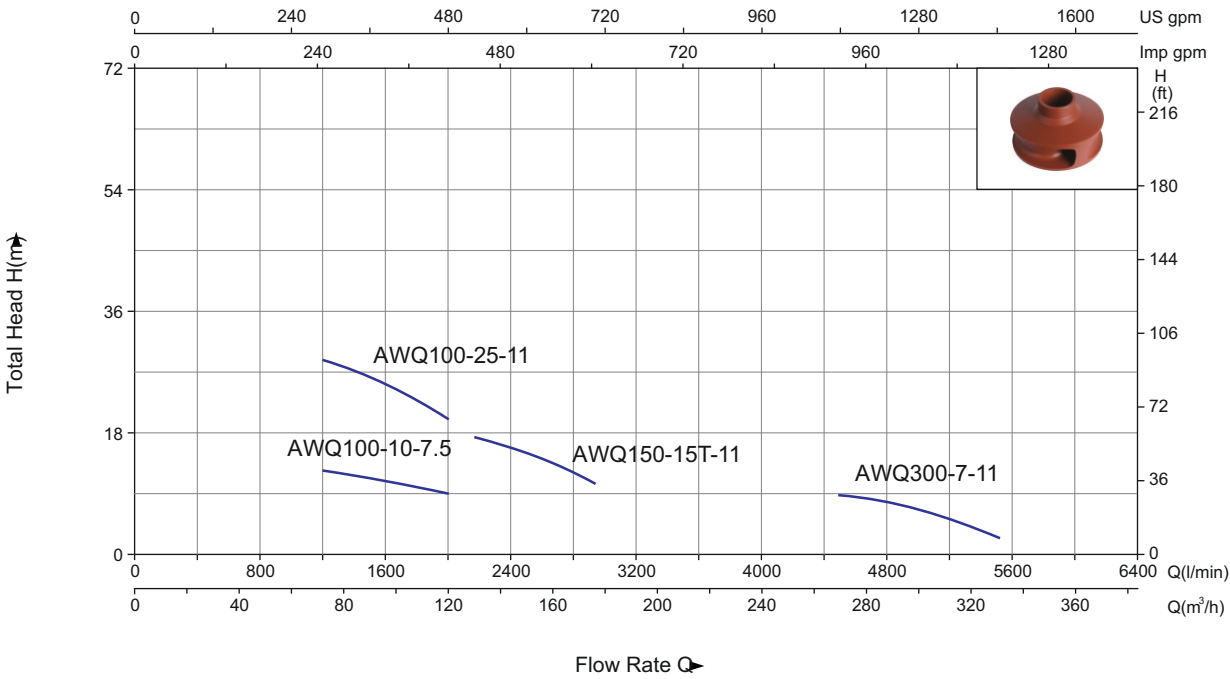
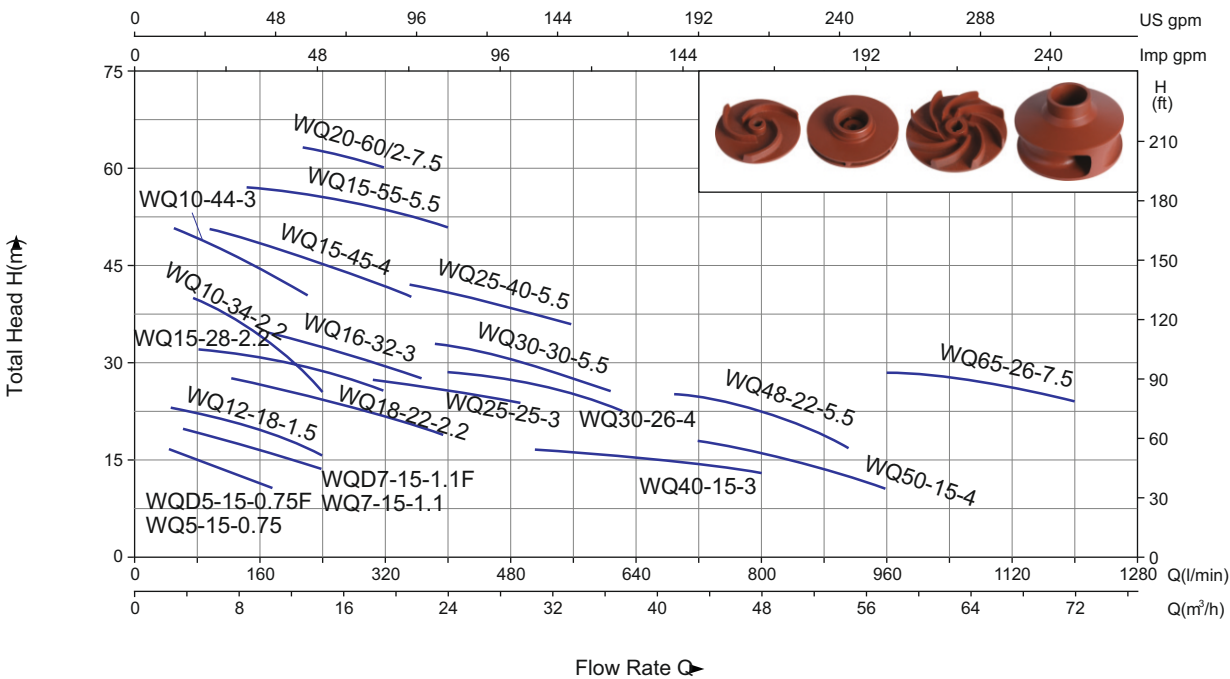
Component

Pump body Cast iron
Motor housing Cast iron
Impeller Cast iron
Motor shaft AISI304 SS
Mechanical seal Alloy/Ceramic-Graphite
SIC-SIC/Ceramic-Graphite(1HP, 1.5HP & 2HP)
Cable 8m power cable with plug

Operating conditions

5 m maximum immersion depth
Liquid temperature up to $35\text{ }^{\circ}\text{C}$
Maximum ambient temperature $40\text{ }^{\circ}\text{C}$

Hydraulic performance curves



Technical data

Model	Power		Speed	Volt.	Freq.	Q.Rate		H.Rate	Outlet	Partical	Bearing	N.W	LxWxH
	kW	HP	r/min	V	Hz	m³/h	l/min	m	Inch	Φ mm	RZ	kg	mm
AWQD5-15-0.75F	0.75	1	2850	220	50	5	83	15	2"	5	6202/6202	19	490×220×250
AWQ5-15-0.75T	0.75	1	2850	380	50	5	83	15	2"	5	6202/6202	18.5	450×220×260
AWQD7-15-1.1F	1.1	1.5	2850	220	50	7	116	15	2"	5	6203/6204	26	560×220×260
AWQ7-15-1.1T	1.1	1.5	2850	380	50	7	116	15	2"	5	6203/6204	25.5	510×240×250
AWQ12-18-1.5T	1.5	2	2850	380	50	12	200	18	2"	5	6203/6203	23	460×230×270
AWQ10-34-2.2T	2.2	3	2850	380	50	10	166	34	2"	5	6204/6304	40	590×270×270
AWQ15-28-2.2T	2.2	3	2850	380	50	15	250	28	2"	20	6204/6205	45	590×270×270
AWQ18-22-2.2T	2.2	3	2850	380	50	18	300	22	2 1/2 "	20	6204/6205	47	590×270×270
AWQ10-44-3T	3	4	2850	380	50	10	166	44	2 "	5	6204/6204	49	640×280×300
AWQ16-32-3T	3	4	2850	380	50	16	266	32	2 "	20	6204/6205*2	50	610×270×280
AWQ25-25-3T	3	4	2850	380	50	25	416	25	2 1/2 "	25	6204/6205*2	51	610×270×280
AWQ40-15-3T	3	4	2850	380	50	40	666	15	3"	25	6205/6206	57	640×280×300
AWQ15-45-4T	4	5.5	2850	380	50	15	250	45	2"	20	6205/6306	62	690×270×350
AWQ30-26-4T	4	5.5	2850	380	50	30	500	26	3"	25	6205/6206	74	720×290×310
AWQ50-15-4T	4	5.5	2850	380	50	50	833	15	4"	30	6205/6206	74	900×340×310
AWQ15-55-5.5T	5.5	7.5	2850	380	50	15	250	55	2"	20	6206/6307	82	850×330×370
AWQ25-40-5.5T	5.5	7.5	2850	380	50	25	416	40	2"	25	6205/6206	78	900×320×310
AWQ30-30-5.5T	5.5	7.5	2850	380	50	30	500	30	3"	25	6206/6307	83	960×320×330
AWQ48-22-5.5T	5.5	7.5	2850	380	50	48	800	22	4"	25	6205/6206	86	960×320×330
AWQ20-60/2-7.5T	7.5	10	2850	380	50	20	333	60	2"	25	6306/6306	110	790×290×340
AWQ65-26-7.5T	7.5	10	2850	380	50	65	1083	26	4"	30	6308*3	140	930×380×400
AWQ100-10-7.5	7.5	10	2850	380	50	100	1666	10	6"	35	6308*3	144	380×370×1180
AWQ100-25-11	11	15	1450	380	50	100	1666	25	4"	35	6309*3	216	650×520×1230
AWQ150-15T-11	11	15	1450	380	50	150	2500	15	6"	35	6309*3	252	650×520×1230
AWQ300-7-11	11	15	1450	380	50	300	5000	7	8"	35	6309*3	275	650×520×1230

Technical data

Model	Power		Speed	Volt.	Freq.	Q.Rate		H.Rate	Outlet
	kW	HP	r/min	V	Hz	m³/h	l/min	m	Outlet
AWQ100-30-15T	15	20	1450	380	50	100	1666	30	4 "
AWQ200-15-15T	15	20	1450	380	50	200	3333	15	6 "
AWQ250-11-15T	15	20	1450	380	50	250	4166	11	8 "
AWQ500-5-15T	15	20	1450	380	50	500	8333	5	10 "
AWQ100-35-18.5T	18.5	25	1450	380	50	100	1666	35	4 "
AWQ180-20-18.5T	18.5	25	1450	380	50	180	3000	20	6 "
AWQ250-15-18.5T	18.5	25	1450	380	50	250	4166	15	8 "
AWQ500-7-18.5T	18.5	25	1450	380	50	500	8333	7	10 "
AWQ650-5-18.5T	18.5	25	1450	380	50	650	10833	5	12 "
AWQ100-40-22T	22	30	1450	380	50	100	1666	40	4 "
AWQ200-22-22T	22	30	1450	380	50	200	3333	22	6 "
AWQ300-16-22T	22	30	1450	380	50	300	5000	16	8 "
AWQ500-9-22T	22	30	1450	380	50	500	8333	9	10 "
AWQ650-7-22T	22	30	1450	380	50	650	10833	7	12 "
AWQ120-45-30T	30	40	1450	380	50	120	2000	45	4 "
AWQ180-30-30T	30	40	1450	380	50	180	3000	30	6 "
AWQ250-22-30T	30	40	1450	380	50	250	4166	22	8 "
AWQ600-9-30T	30	40	1450	380	50	600	10000	9	10 "
AWQ800-7-30T	30	40	1450	380	50	800	13333	7	12 "
AWQ1200-4.5-30T	30	40	980	380	50	1200	20000	4.5	14 "
AWQ120-50-37T	37	50	1450	380	50	120	2000	50	4 "
AWQ200-35-37T	37	50	1450	380	50	200	3333	35	6 "
AWQ300-25-37T	37	50	1450	380	50	300	5000	25	8 "
AWQ600-12-37T	37	50	1450	380	50	600	10000	12	10 "
AWQ800-9-37T	37	50	1450	380	50	800	13333	9	12 "
AWQ1000-6-37T	37	50	1450	380	50	1000	16666	6	14 "
AWQ1100-6-37T	37	50	980	380	50	1100	18333	6	14 "
AWQ1400-5-37T	37	50	980	380	50	1400	23333	5	16 "
AWQ100-57-45T	45	60	1450	380	50	100	1666	57	4 "
AWQ200-40-45T	45	60	1450	380	50	200	3333	40	6 "
AWQ300-32-45T	45	60	1450	380	50	300	5000	32	8 "
AWQ600-15-45T	45	60	1450	380	50	600	10000	15	10 "
AWQ800-12-45T	45	60	1450	380	50	800	13333	12	12 "
AWQ1000-8-45T	45	60	1450	380	50	1000	16666	8	14 "
AWQ1200-8-45T	45	60	980	380	50	1200	20000	8	14 "
AWQ1500-6-45T	45	60	980	380	50	1500	25000	6	16 "
AWQ100-65-55T	55	74	1450	380	50	100	1666	65	4 "

AWQ

SUBMERSIBLE SEWAGE PUMPS



Technical data

Model	Power		Speed	Volt.	Freq.	Q.Rate		H.Rate	Outlet
	kW	HP	r/min	V	Hz	m³/h	l/min	m	Outlet
AWQ180-50-55T	55	74	1450	380	50	180	3000	50	6 "
AWQ300-40-55T	55	74	1450	380	50	300	5000	40	8 "
AWQ600-20-55T	55	74	1450	380	50	600	10000	20	10 "
AWQ800-15-55T	55	74	1450	380	50	800	13333	15	12 "
AWQ1000-10-55T	55	74	1450	380	50	1000	16666	10	14 "
AWQ1100-10-55T	55	74	980	380	50	1100	18333	10	14 "
AWQ1500-8-55T	55	74	980	380	50	1500	25000	8	16 "
AWQ2200-5-55T	55	74	980	380	50	2200	36666	5	20 "
AWQ120-75-75T	75	100	1450	380	50	120	2000	75	4 "
AWQ200-60-75T	75	100	1450	380	50	200	3333	60	6 "
AWQ350-45-75T	75	100	1450	380	50	350	5833	45	8 "
AWQ600-25-75T	75	100	1450	380	50	600	10000	25	10 "
AWQ800-20-75T	75	100	1450	380	50	800	13333	20	12 "
AWQ1000-15-75T	75	100	1450	380	50	1000	16666	15	14 "
AWQ1200-15-75T	75	100	980	380	50	1200	20000	15	14 "
AWQ1500-10-75T	75	100	980	380	50	1500	25000	10	16 "
AWQ2000-8-75T	75	100	980	380	50	2000	33333	8	20 "
AWQ120-85-90T	90	120	1450	380	50	120	2000	85	4 "
AWQ200-70-90T	90	120	1450	380	50	200	3333	70	6 "
AWQ300-55-90T	90	120	1450	380	50	300	5000	55	8 "
AWQ600-30-90T	90	120	1450	380	50	600	10000	30	10 "
AWQ800-25-90T	90	120	1450	380	50	800	13333	25	12 "
AWQ1000-18-90T	90	120	1450	380	50	1000	16666	18	14 "
AWQ1200-18-90T	90	120	980	380	50	1200	20000	18	14 "
AWQ1500-15-90T	90	120	980	380	50	1500	25000	15	16 "
AWQ2000-10-90T	90	120	980	380	50	2000	33333	10	20 "
AWQ100-100-110T	110	147	1450	380	50	100	1666	100	4 "
AWQ180-80-110T	110	147	1450	380	50	180	3000	80	6 "
AWQ300-65-110T	110	147	1450	380	50	300	5000	65	8 "
AWQ600-35-110T	110	147	1450	380	50	600	10000	35	10 "
AWQ800-30-110T	110	147	1450	380	50	800	13333	30	12 "
AWQ1000-25-110T	110	147	1450	380	50	1000	16666	25	14 "
AWQ1300-20-110T	110	147	980	380	50	1300	21666	20	14 "
AWQ1800-15-110T	110	147	980	380	50	1800	30000	15	16 "
AWQ2500-10-110T	110	147	980	380	50	2500	41666	10	20 "
AWQ3800-6-110T	110	147	980	380	50	3800	63333	6	24 "



RE

Inverter Driven Circulation Pumps

59



RCE

Inverter Driven Circulation Pumps

63



RS

Booster Pumps

77



Booster Circulation Pump

RE

INVERTER DRIVEN CIRCULATION PUMPS

Working conditions

Liquid temperature from + 2°C to +110 °C
Ambient temperatue from 0°C to + 40 °C
Max. system pressure ≤10 bar
Storage: -20 °C / + 70 °C
Max. relative humidity 95% at 40°C
Sound pressure ≤ 43 dB(A)
Minimum suction pressure: 0,05 bar< 85 °C 1 bar at 110 °C
Maximum glycol quantity : 40 %
EMC according to: EN 55014-1, EN 55014-2 and EN61000-3-2, EN61000-3-3
Connections: threaded parts ISO 228: G1½"
Circulator pump can consume low the power, with the EEI ≤ 0.23

Motor

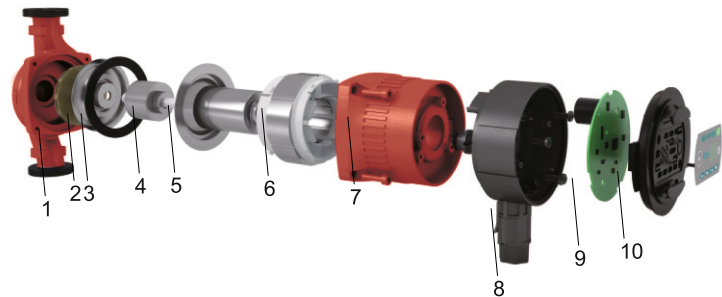
Synchronous motor with permanent magnet
Motor: variable speed
Standard voltage: single phase 230V (+ 6 % , -10%)
Frequency: 50-60 Hz
Protection: P42
Insulation Class : H
Class II appliance
Cable: phases and neutral and earth
Constructed in accordance with: EN 60335-1, EN 60335-2-51

Application

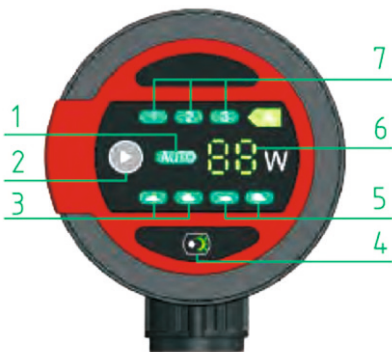
Heating system (constant or variable pow)
Air-conditioning system
Industrial circulation system
Domestic hot water and drinking water supply system
Floor heating system

Materials table

No.	Component	Material
1	Pump housing	Cast iron
2	Impeller	PPO
3	Bearing base	Stainless steel
4	Rotor	
5	Can brg asm	Stainless steel
6	Stator sleeve	
7	Housing	ADC12
8	Terminal box	ABS
9	PCB	
10	Terminal cover	ABS



No.	Explanation
1	Electric pump automatic gearshift display(AUTO)
2	Electric pump gear shifting button
3	Electric pump propor tion gear display (BL1/BL2)
4	Electric pump night mode button and display
5	Electric pump constant voltage gear display (HD1/HD2)
6	Electric pump power display
7	Electric pump constant speed display (HS1/HS2/HS3)



RE series circulating pump has 9 kinds of settings, which can be selected by buttons.
The setting of electric pump is indicated by the light lit of 9 locations:

Key position	Number of times of key	Fixed light area	Explanation
2	0	Auto	Auto adaptation
	1,2	BL1/BL2	Proportional pressure curve
	3,4	HD1/HD2	Constant pressure curve
	5,6,7	HS1/HS2/HS3	Constant speed curve
4	Switch on/off	Night mode	Night mode curve

Factory settings=AUTO (autoadaptation mode)
Recommended and available settings of pump

Position	System type	Settings of electric pump	
		Optimal settings	Or other optional settings
A	Floor heating system	Auto	HD1/HD2
B	Dual pipeline heating system	Auto	BL1/BL2
C	Single pipeline heating system	BL1	BL1/BL2

- AUTO(auto adaptation)mode shall adjust the pump performance automatically according to the actual heat demand of system. Since performance is adjusted gradually, it is recommend that leave it in the AUTO (auto adaptation mode for at least a week before changing the settings of pump.
- If you choose to change back to AUTO (auto adaptation) mode , RE series pump can remember the set points of its previous AUTO mode andcontinue to adjust the performance automatically.
- Pump settings change from optimal settings to other optional settings.

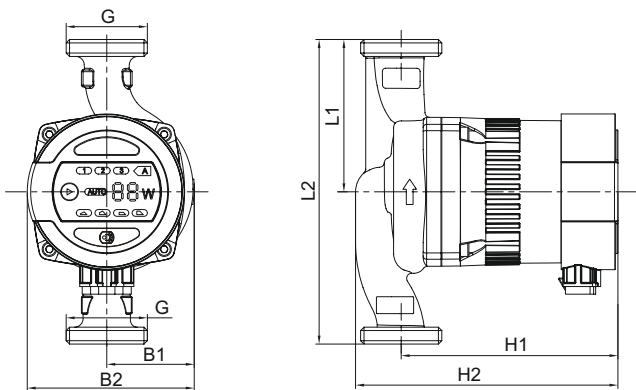
Heatina system is a slow svstem , it is impossible to achieve optimal operation mode within several minutes or hours . If the optimal settings of pump fail to achieve ideal heat distribution for each room , you shouldchange the pump settings to other settings.

During the operation of pump , control it according to proportional pressure control(BL) principle or constant pressure contro (HD) principle.

In these two control modes , the performance of pump and corres ponding power consumption should be adjusted according to the heat demand of system.

In this control mode , the pressure difference on both ends of the electric pump remains constant , having nothing to do with flow. In Q/H figure,constant pressure curve is a level performance curve , represented by HD1/HD2 (Section 11.3).

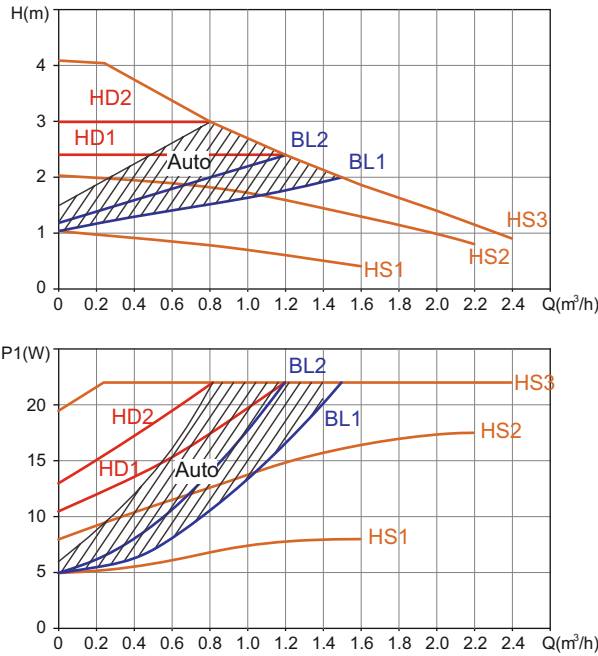
Installation drawing



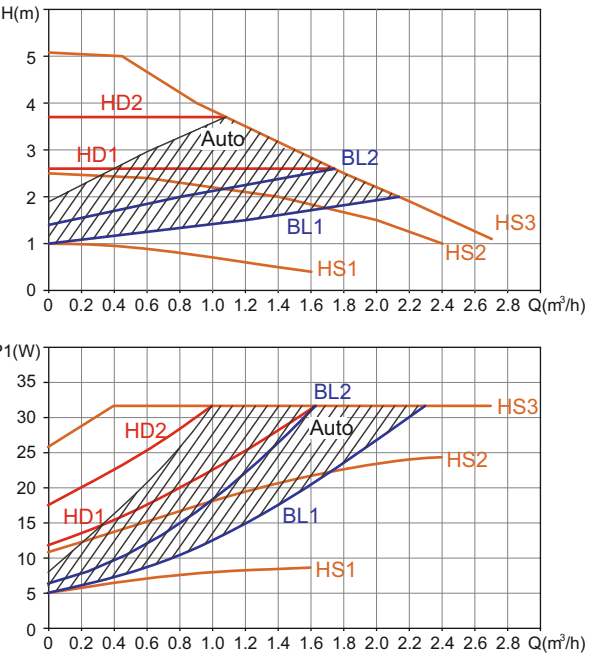
Power	Model	Max.Flow	Max.Head	Current	Voltage/Frequency	Dimensions (mm)							Weight(kgs)		Packing Size(mm)
W		l/min	m	A	V/Hz	L1	L2	B1	B2	H1	H2	G	G.W.	N.W.	Inner box
22	RE20-4/130	2.3	4	0.19	220-240/50Hz	65	130	51	98	133	153	1"	2.4	1.9	190x170x150
	RE25-4/130	2.5				65	130	52	99	128	156	1 1/2"	2.9	2.1	190x170x150
	RE25-4/180	2.5				90	180	52	99	128	156		3.2	2.4	190x170x200
	RE32-4/180	3.0				90	180	52	99	128	156	2"	3.5	2.5	190x170x200
32	RE20-5/130	2.5	5	0.27		65	130	52	99	133	153	1"	2.4	1.9	190x170x150
	RE25-5/130	3.0				65	130	52	99	128	156	1 1/2"	2.9	2.1	190x170x150
	RE25-5/180	3.0				90	180	52	99	128	156		3.2	2.4	190x170x200
	RE32-5/180	3.5				90	180	52	99	128	156	2"	3.5	2.5	190x170x200
45	RE20-6/130	2.8	6	0.38		65	130	52	99	133	153	1"	2.4	1.9	190x170x150
	RE25-6/130	3.2				65	130	52	99	128	156	1 1/2"	2.9	2.1	190x170x150
	RE25-6/180	3.2				90	180	52	99	128	156		3.2	2.4	190x170x200
	RE32-6/180	4.0				90	180	52	99	128	156	2	3.5	2.5	190x170x200
70	RE20-8/130	3.4	8	0.52		65	130	52	99	133	153	1	2.4	1.9	190x170x150
	RE25-8/130	4.0				65	130	52	99	128	156	1 1/2"	2.9	2.1	190x170x150
	RE25-8/180	4.0				90	180	52	99	128	156		3.2	2.4	190x170x200
	RE32-8/180	5.0				90	180	52	99	128	156	2"	3.5	2.5	190x170x200

Hydraulic performance curves

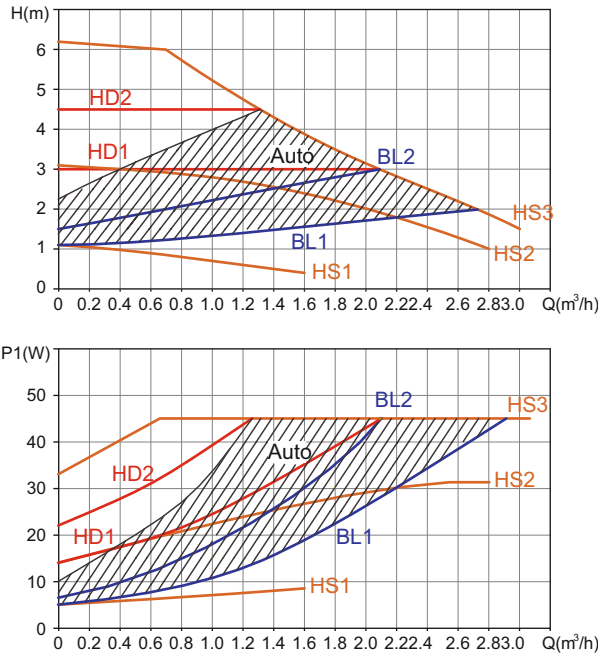
REXX-4 Performance curves



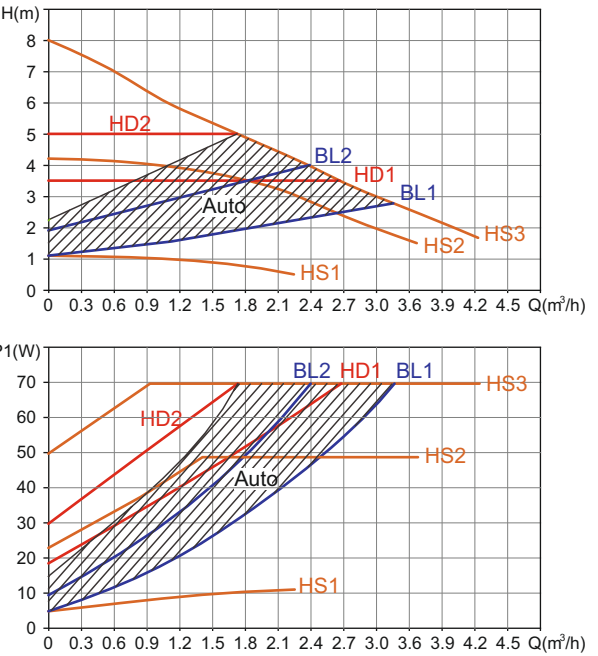
REXX-5 Performance curves



REXX-6 Performance curves



REXX-8 Performance curves



RCE

INVERTER DRIVEN CIRCULATION PUMPS



Application

- Heating system (constant or variable pow)
- Air-conditioning system
- Industrial circulation system
- Domestic hot water and drinking water supply system
- Floor heating system

Motor

- Synchronous motor with permanent magnet
- Motor: variable speed
- Standard voltage: single phase 230V (+ 6 % , -10%)
- Frequency: 50-60 Hz
- Protection: P42
- Insulation Class : H
- Class II appliance
- Cable: phases and neutral and earth
- Constructed in accordance with: EN 60335-1, EN 60335-2



Working conditions

- Liquid temperature from + 2°C to +110 °C
- Ambient temperatue from 0°C to + 40 °C
- Max. system pressure ≤10 bar
- Storage: -20 °C / + 70 °C
- Max. relative humidity 95% at 40°C
- Sound pressure ≤ 43 dB(A)
- Minimum suction pressure: 0,05 bar< 85 °C 1 bar at 110 °C
- Maximum glycol quantity : 40 %
- EMC according to: EN 55014-1, EN 55014-2 and EN61000-3-2, EN61000-3-3
- Connections: threaded parts ISO 228: G1½"
- Circulator pump can consume low the power, with the EEI ≤ 0.23

Materials table

No.	Component	Material
1	Pump housing	Cast iron
2	Impeller	Composite
3	Shaft	Ceramic
4	Bearings	Carbon
5	Thrust bearing	Ceramic
6	Rotor	Composite
7	Winding	Copper wire
8	Gaskt	EPDM

Control modes

Setting	Explanation
AUTO(Factory setting)	Running within deyned range
BL	Proportional pressure curve
HD	Constant pressure curve
HS	Constant speed curve



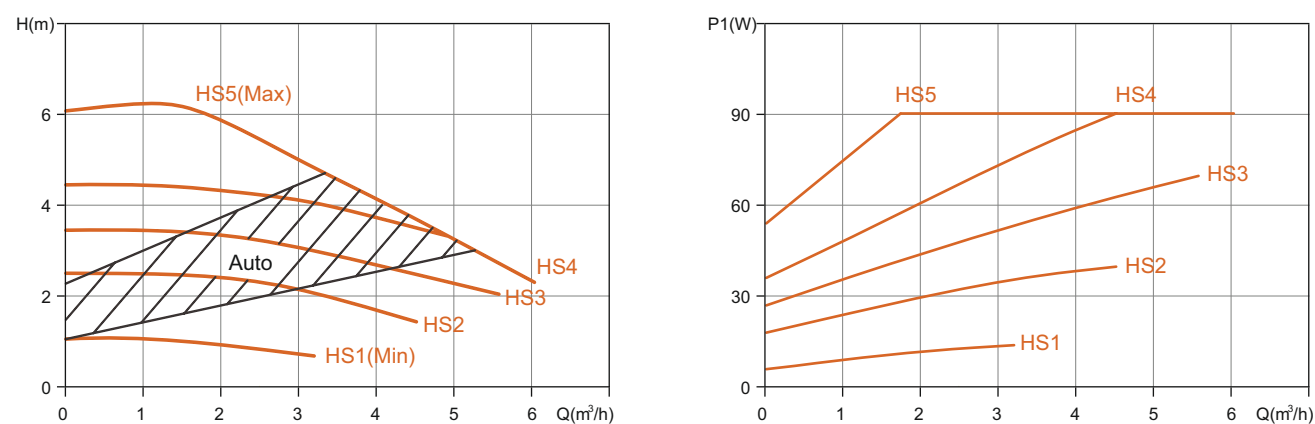
Press button to switch between different control modes and increase or decrease the setting with the buttons on left and right side.

Technical data

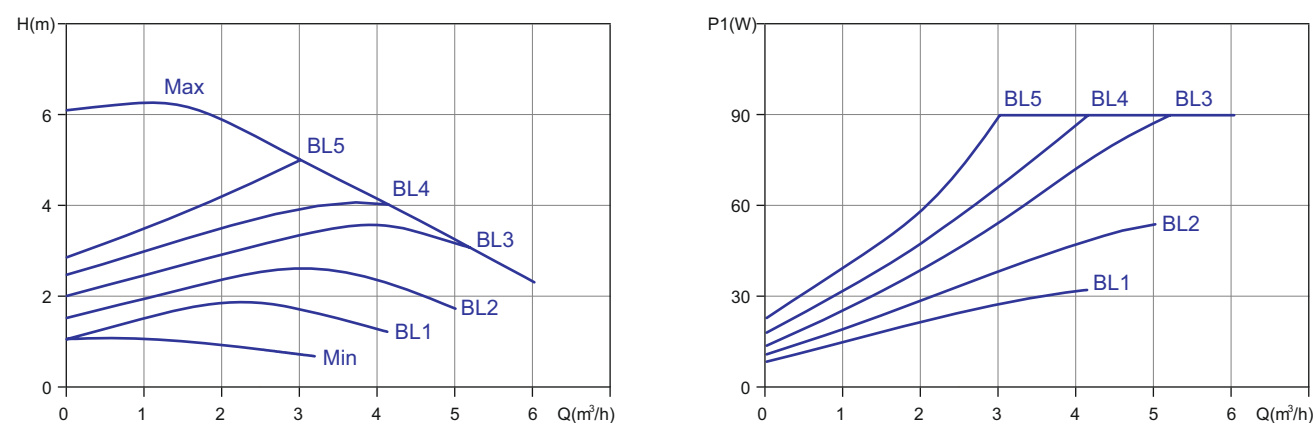
Power supply voltage	220-240V 50/60Hz, protective earth
Motor protection	No external protection required
IP class	IP42
Insulation class	H
(RH)Humidity	Max.95%
System pressure	1.0 MPa
Compliance	CE/ GS/ EMC/ LVD/RoHS/REACH
Environment temperature	0 ~ +40 °C
Temperature class	TF110
Liquid temperature	-30 ~ +110 °C(Glycol up to 50%)

Hydraulic performance curves

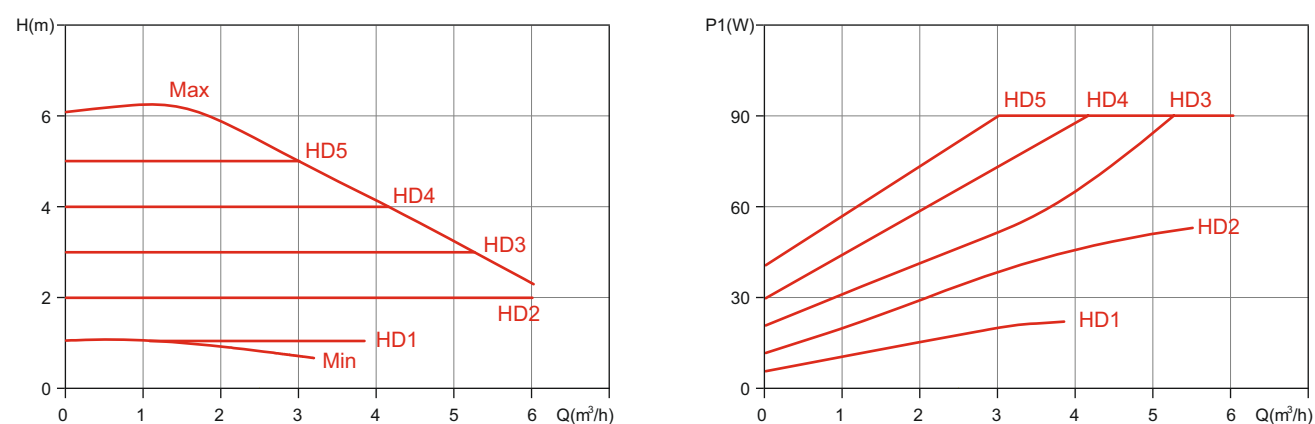
RCEXX-6 Performance curves (HS+AUTO)



RCEXX-6 Performance curves (BL)

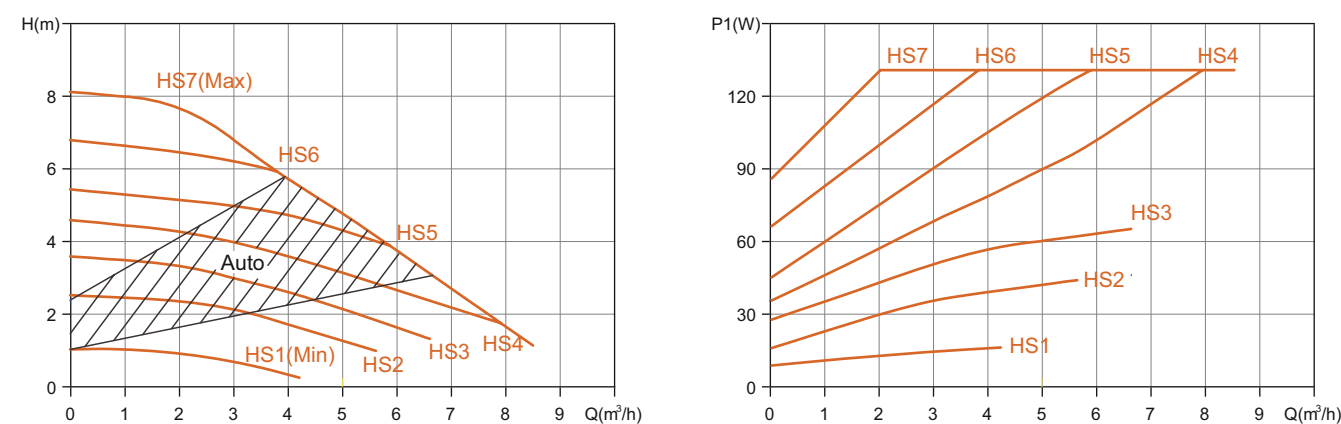


RCEXX-6 Performance curves (HD)

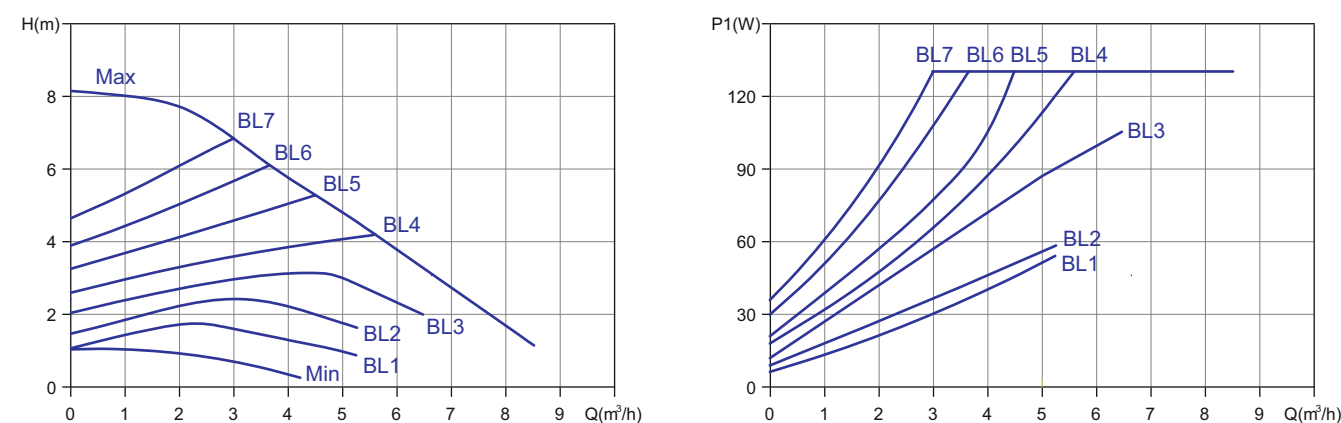


Hydraulic performance curves

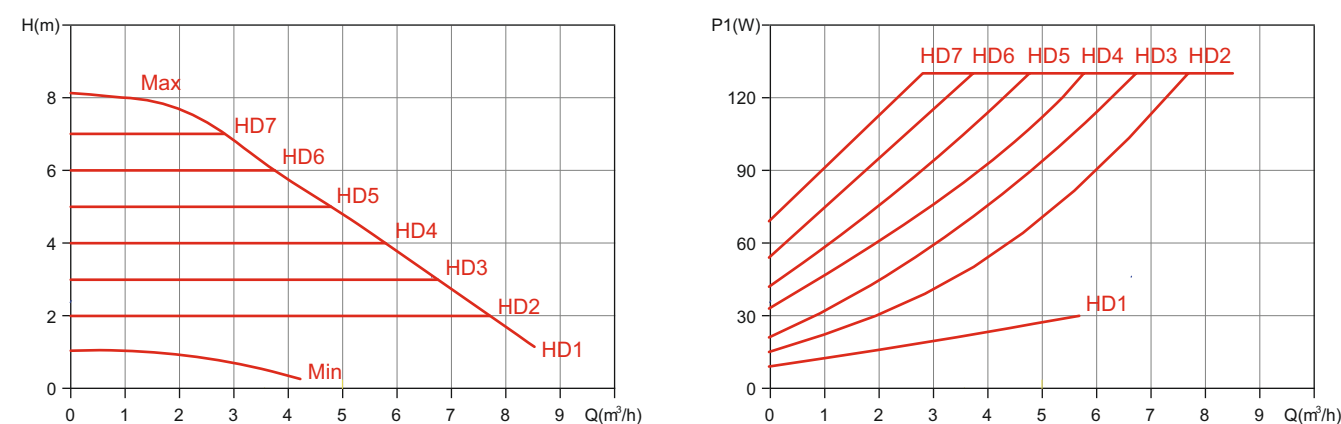
RCEXX-8 Performance curves (HS+AUTO)



RCEXX-8 Performance curves (BL)

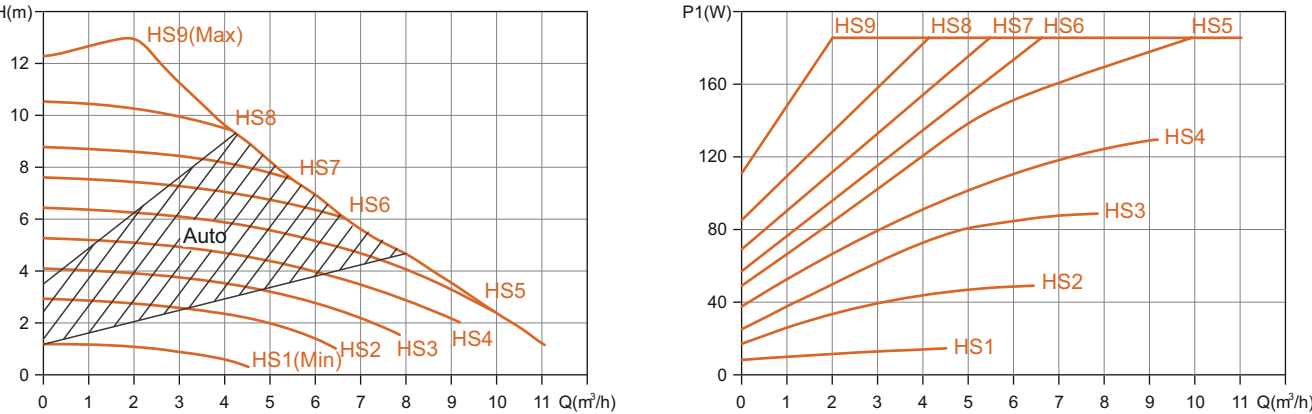


RCEXX-8 Performance curves (HD)

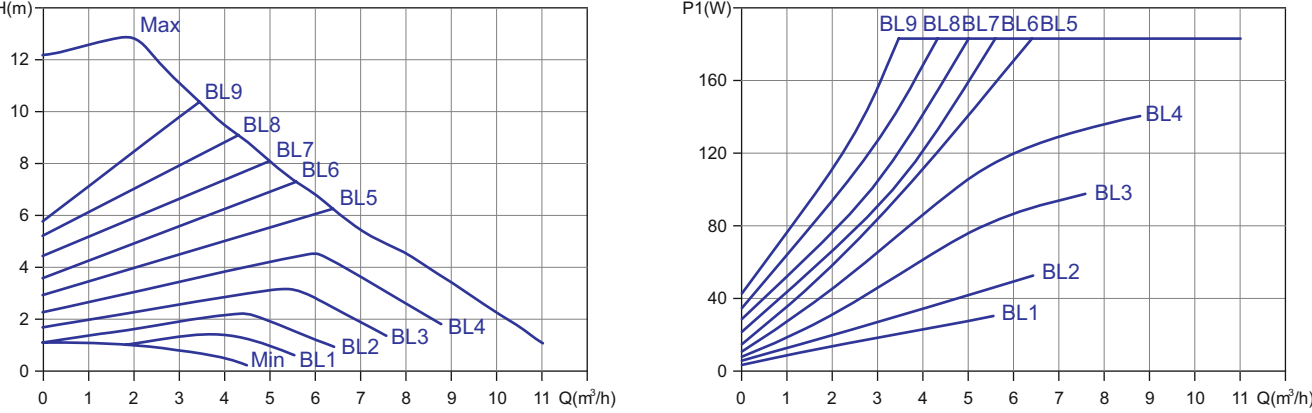


Hydraulic performance curves

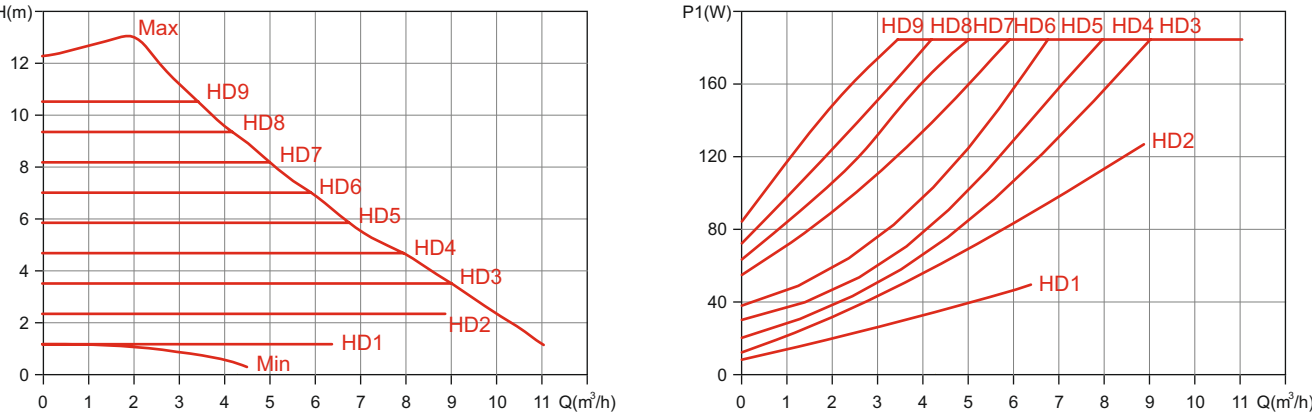
RCEXX-10 Performance curves (HS+AUTO)



RCEXX-10 Performance curves (BL)



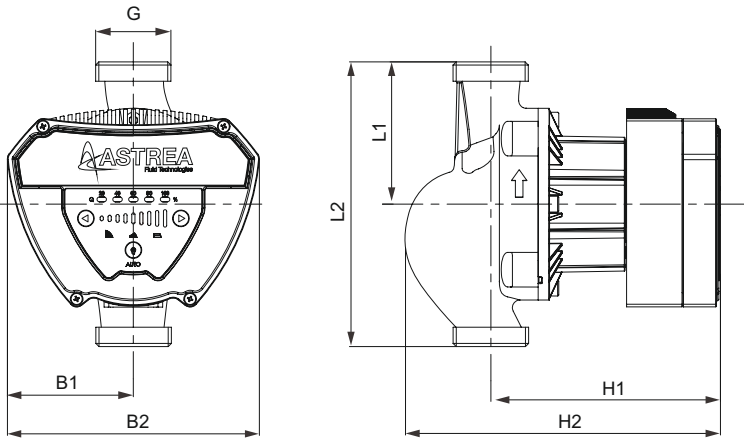
RCEXX-10 Performance curves (HD)



Technical data

Model	Voltage/Frequency (V/Hz)	Max.Flow (l/min)	Max.Head (m)	Rated Power (W)		Rated Current (A)	
				Min.	Max.	Min.	Max.
RCE25-6/180	230 V AC 50/60Hz	5.5	6	6	90	0.06	0.63
RCE25-8/180		6.5	8	8	130	0.08	0.9
RCE25-10/180		7	10	10	185	0.1	1.25
RCE32-6/180		6.5	6	6	90	0.06	0.63
RCE32-8/180		8	8	8	130	0.08	0.9
RCE32-10/180		10	10	10	185	0.1	1.25
RCE40-6F/220		7.5	6	6	90	0.06	0.63
RCE40-8F/220		8.5	8	8	130	0.08	0.9
RCE40-10F/220		10	10	10	185	0.1	1.25

Dimension drawing (DN32)



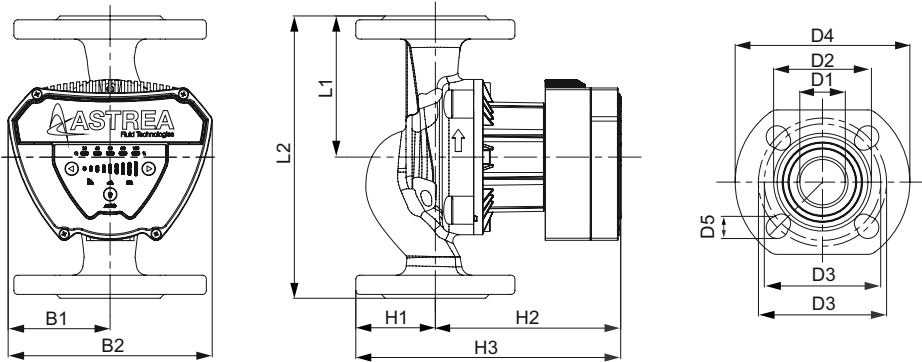
Model	Dimensions (mm)							Weight(kgs)		Packing Size(mm)
	L1	L2	B1	B2	H1	H2	G	N.W.	G.W.	Inner box
RCE25-6/180	90	180	80	160	140	199	1 1/2"	5.0	4.5	235x180x200
RCE32-6/180	90	180	80	160	140	199	2"	5.5	5.0	235x180x200
RCE25-8/180	90	180	80	160	140	199	1 1/2"	5.0	4.5	235x180x200
RCE32-8/180	90	180	80	160	140	199	2"	5.5	5.0	235x180x200
RCE25-10/180	90	180	80	160	140	199	1 1/2"	5.0	4.5	235x180x200
RCE32-10/180	90	180	80	160	140	199	2"	5.5	5.0	235x180x200

RCE

INVERTER DRIVEN CIRCULATION PUMPS



Dimension drawing (DN40)



Model	Dimensions (mm)												Weight(kgs)		Packing Size(mm)
	L1	L2	B1	B2	H1	H2	H3	D1	D2	D3	D4	D5	G.W.	N.W.	Inner box
RCE40-6F/220	110	220	80	160	62	144	206	40	84	100/110	150	19	10	7.6	245x210x245
RCE40-8F/220	110	220	80	160	62	144	206	40	84	100/110	150	19	10	7.6	245x210x245
RCE40-10F/220	110	220	80	160	62	144	206	40	84	100/110	150	19	10	7.6	245x210x245



Application

Heating system (constant or variable pow)
Air-conditioning system
Industrial circulation system
Domestic hot water and drinking water supply system
Floor heating system

Motor

Synchronous motor with permanent magnet
Motor: variable speed
Standard voltage: single phase 230V (+ 6 % , -10%)
Frequency: 50-60 Hz
Protection: P42
Insulation Class : H
Class II appliance
Cable: phases and neutral and earth
Constructed in accordance with: EN 60335-1, EN 60335-2-51

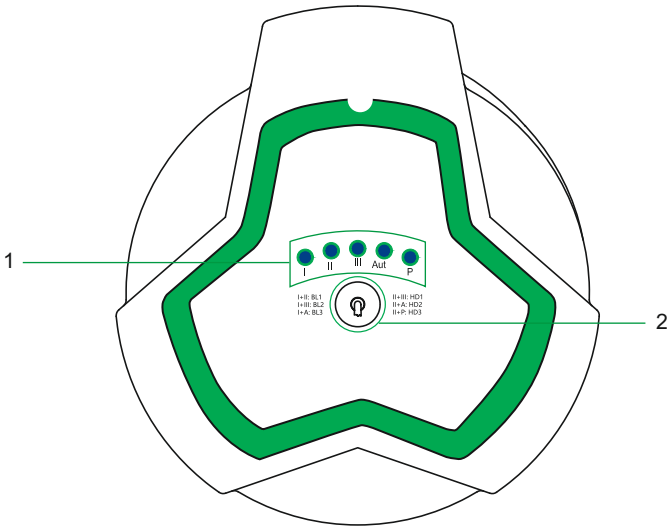
Materials table

No.	Component	Material
1	Pump housing	Cast iron
2	Impeller	Composite
3	Shaft	Ceramic
4	Bearings	Carbon
5	Thrust bearing	Ceramic
6	Rotor	Composite
7	Winding	Copper wire
8	Gaskt	EPDM

Working conditions

Liquid temperature from + 2°C to +110 °C
Ambient temperatue from 0°C to + 40 °C
Max. system pressure ≤10 bar
Storage: -20 °C / + 70 °C
Max. relative humidity 95% at 40°C
Sound pressure ≤ 43 dB(A)
Minimum suction pressure: 0,05 bar< 85 °C 1 bar at 110 °C
Maximum glycol quantity : 40 %
EMC according to: EN 55014-1, EN 55014-2 and EN61000-3-2, EN61000-3-3
Connections: threaded parts ISO 228: G1/2"
Circulator pump can consume low the power, with the EEI ≤ 0.23

Control modes



Setting	Pump characteristics curve	Functions
AUTO (Initial setting)	Highest to Lowest proportional pressure Curve	AUTO function Will automatically control the pump performance within the specified scope - adjust pump performance based on system scale; - adjust pump performance based on load variance within a period of time; Under the AUTO mode , the pump Will be set to proportional pressure control;
BL(1-3)	Proportional pressure curve	The operating point of the pump will move up and down on the lowest proportional pressure curve based on the demand of system flow rate. when flow demand decreases, the pressure supply of pump drops; when flow demand increases, the pressure supply of pump rises.
HD(1-3)	Constant pressure curve	The operation point of the pump will move around the constant pressure curve based on the demand of system flow rate. The head (pressure) is kept constant, regardless of the flow request.
HS(1-3)	Constant speed curve	It runs on the constant curve in a constant velocity under the Velocity HS (1-3) mode, the pump is set to work on the highest curve under all working conditions. Set under HS3 mode in a short time ,fast venting can be arranged on the pump.
Q (0-100%)	Flow Display	Indicating the flow percentage when pump is running.

RCE series circulation pumps have 11 kinds of settings, pressing the button to choose. 5 different light area indicating all the settings;

Lighting area	Description	Graphical representation				
AUTO (Factory reset)	Auto adaptation					
HS1	Constant speed low speed					
HS2	Constant speed medium speed					
HS3	Constant speed high speed					
BL1	Proportional pressure low speed					
BL2	Proportional pressure medium speed					
BL3	Proportional pressure hinh speed					
HD1	Constant pressure low speed					
HD2	Constant pressure medium speed					
HD3	Constant pressure high speed					
P	PWM control					

Initial setting= AUTO (Self-adaptive mode)
Recommended and available motor pump setting

Position	System type	Motor pump setting	
		Recommended	Options
A	Floor heating system	AUTO	HD (1-3)
B	Dual pipeline heating system	AUTO	BL (1-3)
C	Single pipeline heating system	BL1	BL (1-3)

AUTO (Self Adaptive Mode) mode can adjust the performance of motor pump based on the actual heat demand of the system. As the performance is adjust edgradually, it is suggested, before changing motor pump setting, to maintain AUTO (Automatically Adaptive Mode) mode setting for at least one week.

If you select to changeback to auto (Self adaptive Mode) mode, the RCE series motor pump can memorize its last setting in AUTO mode and continue adjusting the performance automatically.

It may take several minute so reven hours to reach the optimal operation mode after motor pump settings is changed from the optimal setting (the Recommended above mention) to other optional setting. If the optimal setting of motor pump fails to enable each room to obtain desired heat distribution, then you should change the motor pump setting to other settings.

Please refer to Section 10.1 for the relations between motor pump setting and performance curve.

When the motor pump is working, the motor pump is controlled according to the principle of proportional Pressure Control (BL)or constant Pressure Control (HD).

In these two control modes , the motor pump performance and corresponding power consumption will be regulated according to the heat demand of the system.

Proportional pressure control

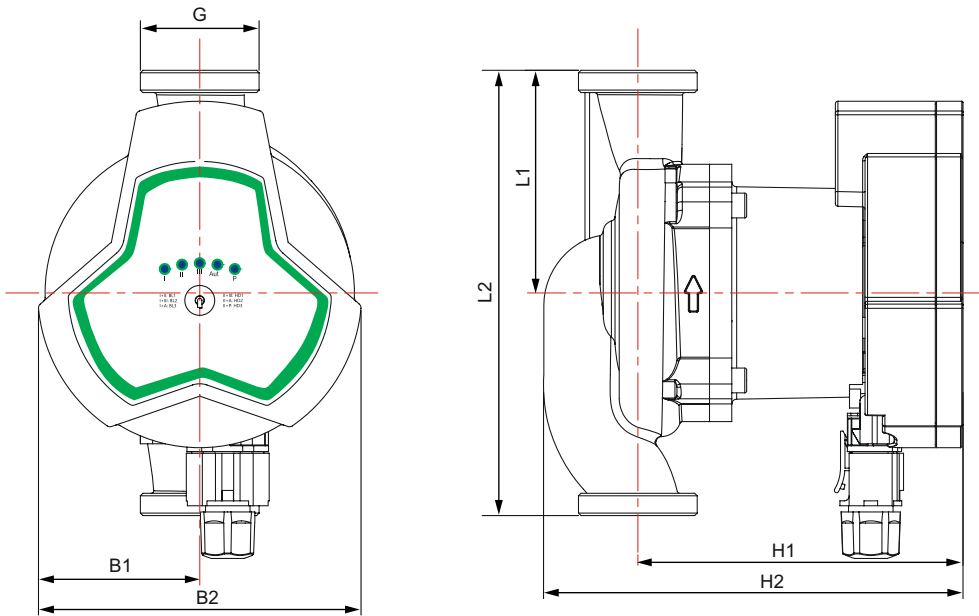
In this control mode, the differential pressure of both ends of the motor pump will be controlled by the flow rate. In the Q/H Figure, proportional pressure curve is represented with BL(1-3). Please refer to Section 11.3.

Constant pressure control

In this control mode , the differential pressure of both ends of the motor pump remains constant and is irrelevant to the flow rate.

In the Q/H Figure,constant pressure curve is a horizontal performance curve represented with HD(1-3). Please refer to Section 11.3.

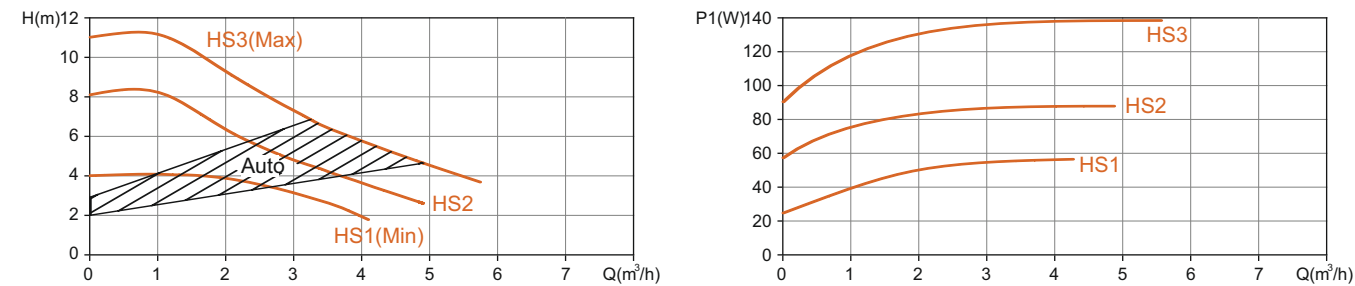
Installation drawing



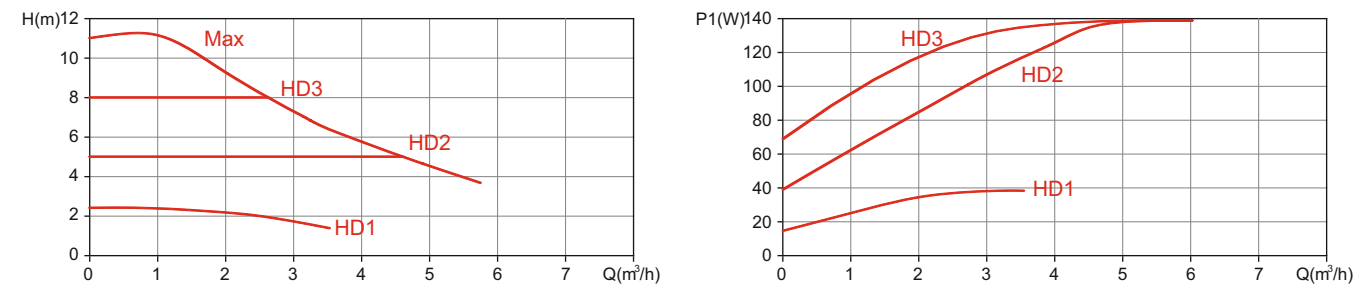
Model	Power	Dimensions (mm)						
	W	L1	L2	B1	B2	H1	H2	G
RCE25-11/180	140	90	180	66	132	132	170	1 1/2"
RCE32-11/180	140	90	180	66	132	132	170	1"

Hydraulic performance curves

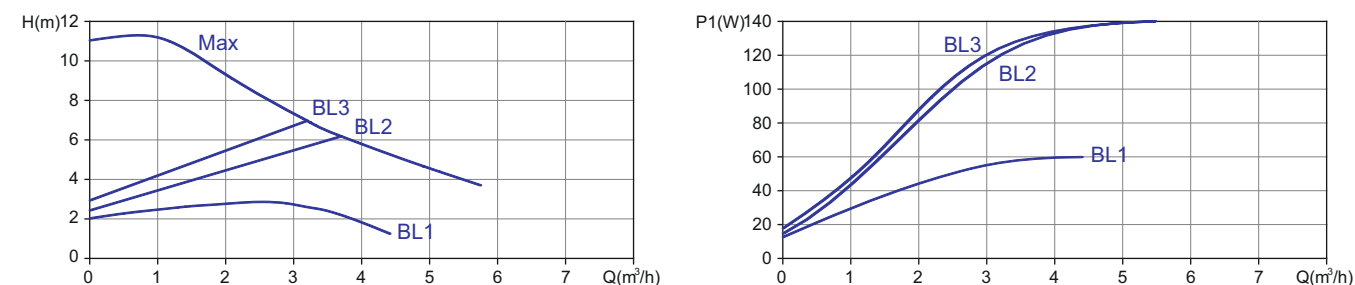
Constant Speed & AUTO Mode Performance Curve
RCE 25-11 Series Performance Chart (Constant Speed+Auto Mode)



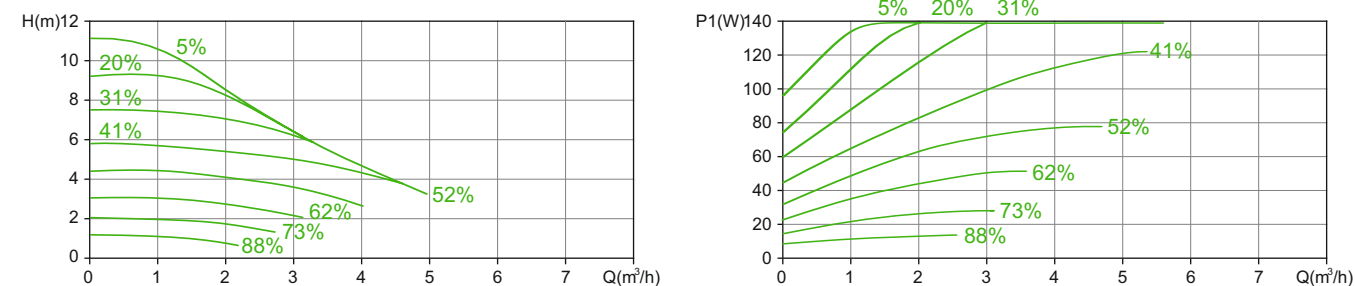
Constant Pressure Mode Performance Curve
RCE 25-11 Series Performance Chart (Constant Pressure)



Proportional Pressure Performance Curve
RCE 25-11 Series Performance Chart (BL Mode)

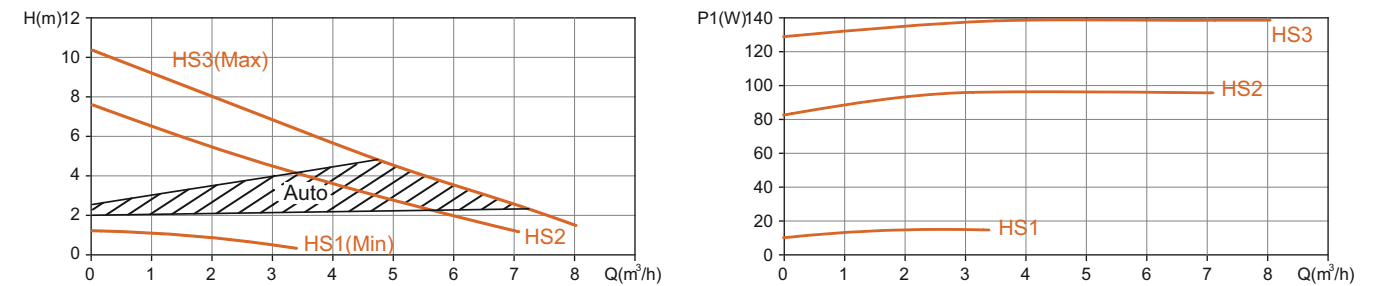


PWM Mode Performance Curve
RCE 25-11 Series Performance Chart (PWM)

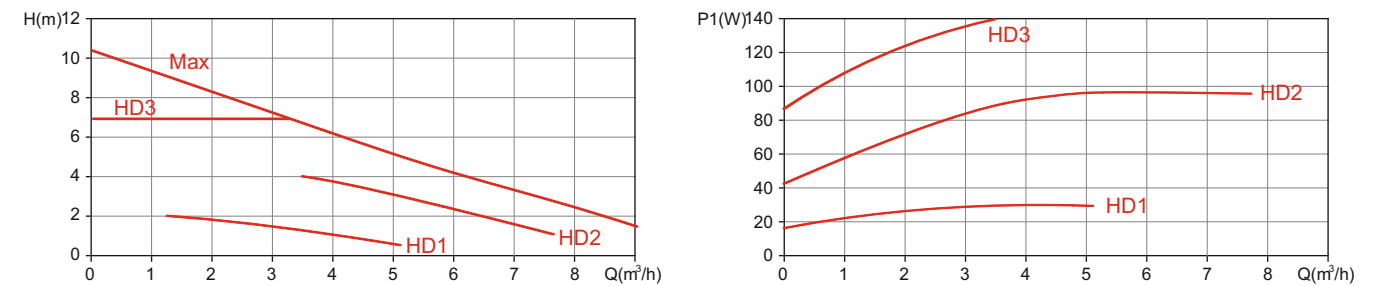


Hydraulic performance curves

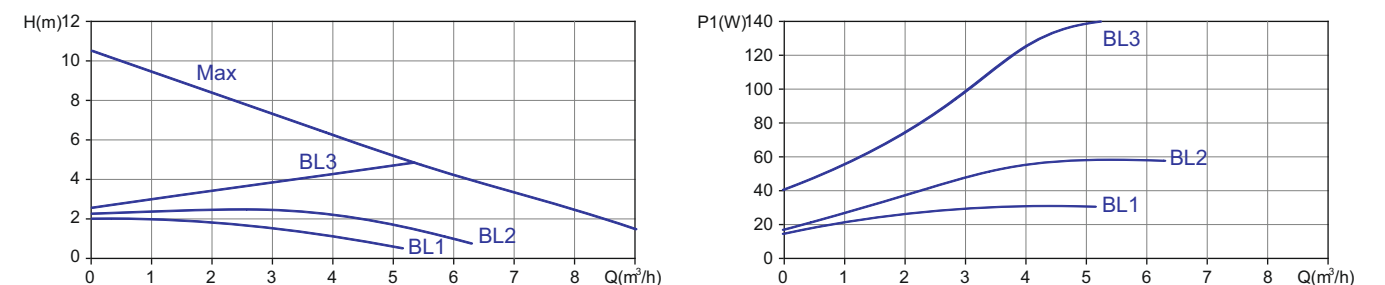
Constant Speed & AUTO Mode Performance Curve
RCE 32-11 Series Performance Chart (Constant Speed+Auto Mode)



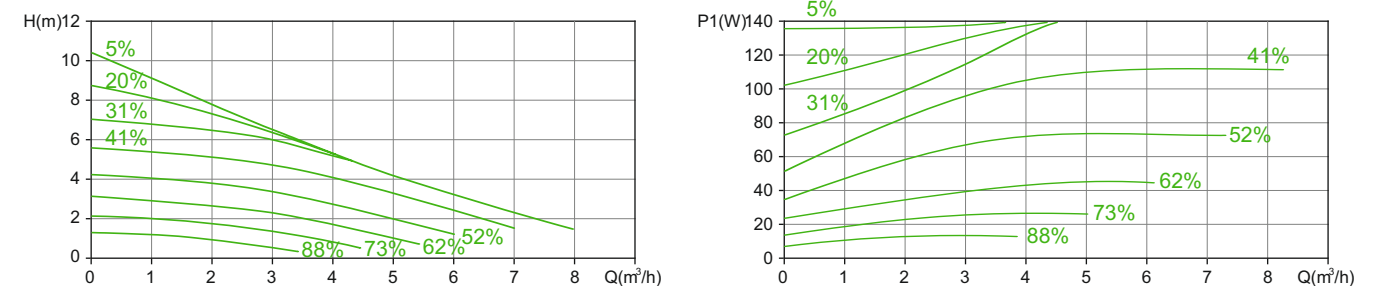
Constant Pressure Mode Performance Curve
RCE 32-11 Series Performance Chart (Constant Pressure)



Proportional Pressure Performance Curve
RCE 32-11 Series Performance Chart (BL Mode)



PWM Mode Performance Curve
RCE 32-11 Series Performance Chart (PWM)





Application

It is widely used for

- Pressure boosting for domestic water supply
- Floor heating system
- Solar pumping system

Pump

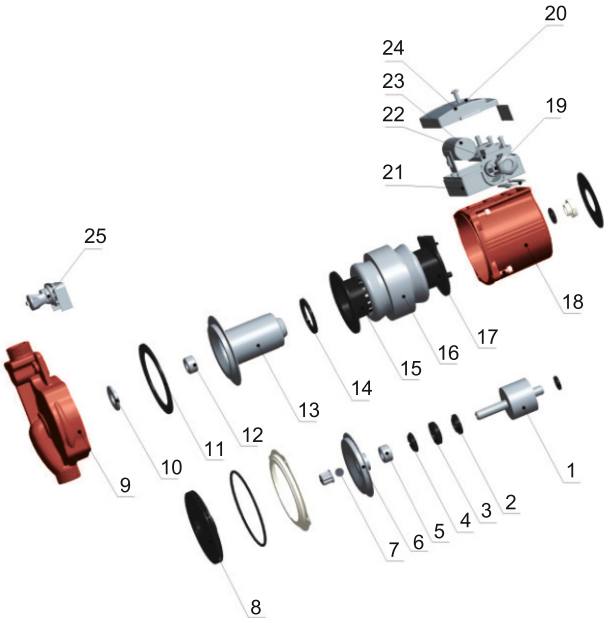
Automatic pressure boosting
Anti-rust cast iron pump body
Noryl impeller with heat resistance up to 150°C
99% alumina ceramic shaft
Liquid temperature: 2°C ~ 60 °C

Motor

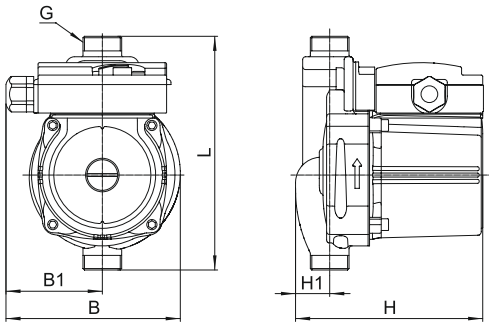
Insulation class: H
Protection class: IP42
99% alumina ceramic braring
Copper winding

Materials table

No.	Component	Material
1	Rotor	
2	Thrust bearing adjusting mat	Noryl
3	Thrust ring support	Silicon rubber
4	Bushings	Graphite
5	Front bearing	Alumina
6	Pump support cover	Stainless steel
7	Check ball	Silicon rubber
8	Impeller	PPO
9	Pump body	Cast iron/bronze
10	Pump body insert	Stainless steel
11	Body gasket	
12	Rear bearing	HT200
13	Can brg asm	Stainless steel
14	Can brg asm seal	Silicon rubber
15	Stator cover(front)	PA66
16	Stator sleeve	
17	Stator cover(back)	PA66
18	Housing	ADC12
19	Cable outlet nut	ABS
20	Button	ABS
21	Terminal box	PA6
22	Regulation switch	
23	Capacitor	
24	Terminal cover	ABS
25	Flow switch assembly	

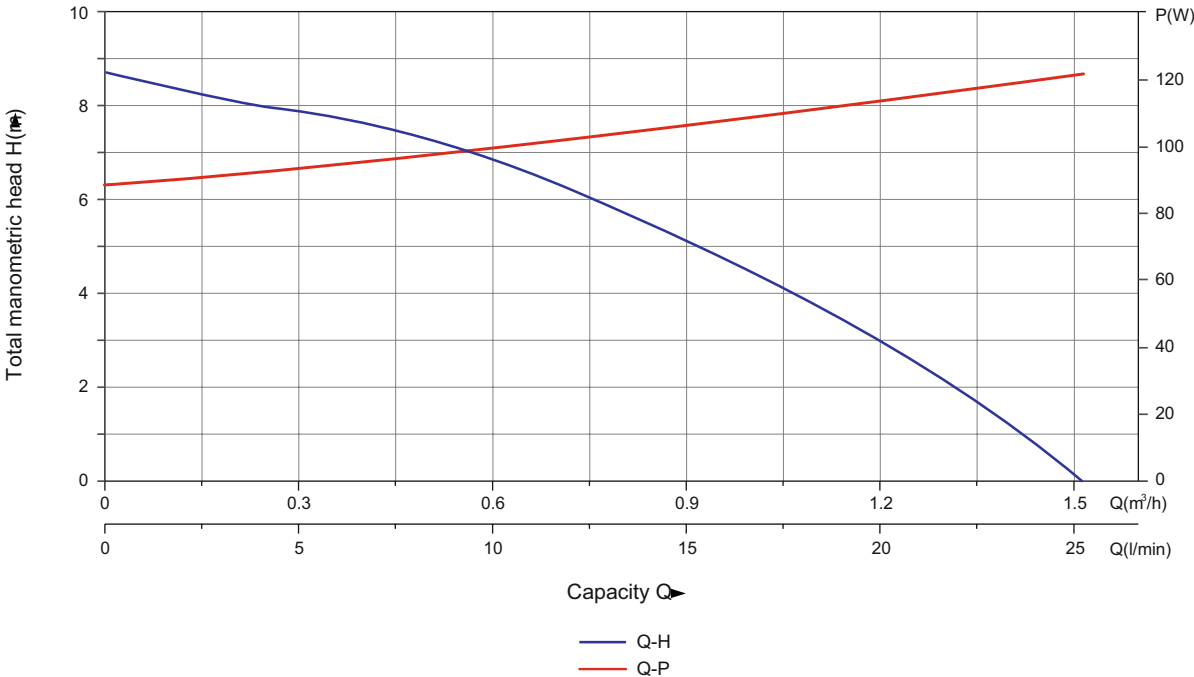


Dimension drawing



Model	Dimensions (mm)					
	L	B	B1	H1	H2	G
RS15-90A/160	160	120	70	130	25	3/4"

Hydraulic performance curves



Technical data

Model	Voltage/Frequency	Power	Max.Flow	Max.Head	Weight(kgs)		Packing Size
	V/Hz	W	l/min	m	G.W.	N.W.	mm
RS15-90A/160	1 ~ 230 V/50Hz	120	25	9	2.74	2.72	198x143x160



AMI
Stainless Steel
Centrifuge Pump

81



CDLF
Vertical Multistage Pump

89



ADC
Stainless Steel
Centrifuge Pump

125



2ADC
Double-Impeller Stainless
Steel Centrifuge Pump

131



ADW
Stainless Steel Centrifuge Pump
With Open Impeller

137



AZS
Stainless Steel
Centrifuge Pump

141



ASL
Centrifugal Pumps

153



Application

It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system, etc.

Motor

C&U bearing
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4
Max.temperature: +85

Component

Pump body AISI304 SS
Pump support Aluminum
Motor housing Aluminum
Impeller AISI304 SS
Motor shaft AISI304 SS
Mechanical seal SIC/Graphite

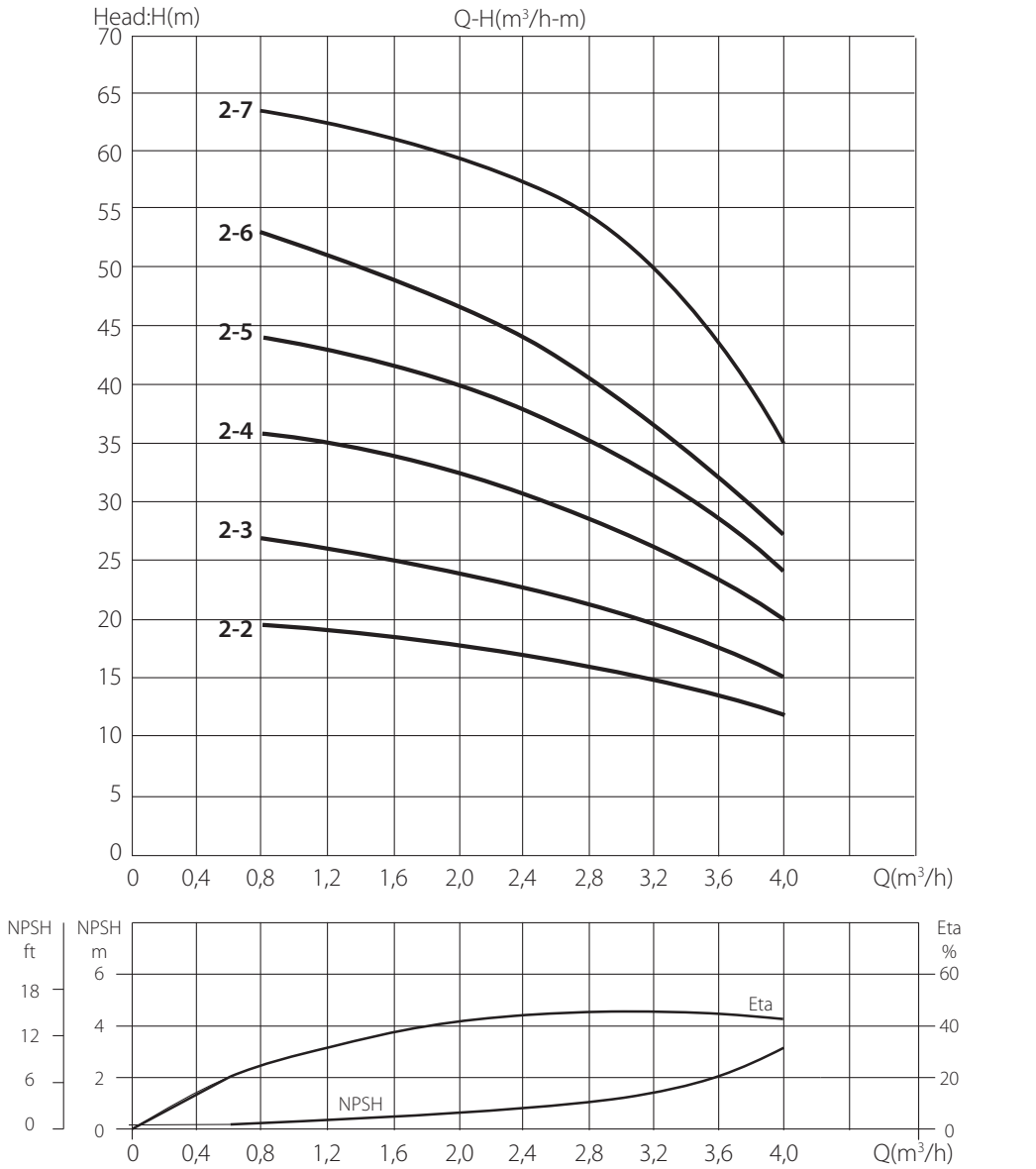
Operating conditions

Liquid temperature up to 110°C
Ambient temperature up to 40°C

Technical data

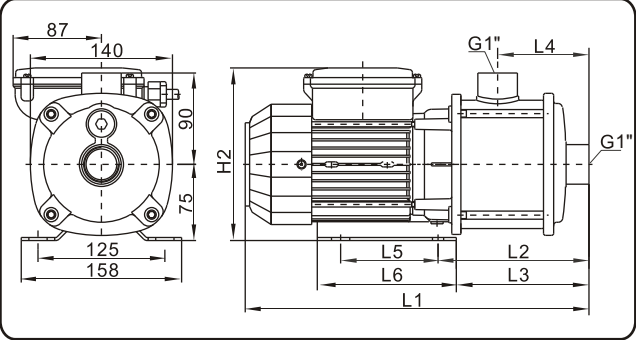
Model	Power P ₂ (kW)	Rated flow (m³/h)	Rated head (m)	Model	Power P ₂ (kW)	Rated flow (m³/h)	Rated head (m)	Model	Power P ₂ (kW)	Rated flow (m³/h)	Rated head (m)
AMI1-2(T)	0.25	1	20	AMI2-2(T)	0.25	2	20,5	AMI3-2(T)	0.25	3	21
AMI1-3(T)	0.25		29	AMI2-3(T)	0.37		29	AMI3-3(T)	0.37		29
AMI1-4(T)	0.37		38	AMI2-4(T)	0.55		39	AMI3-4(T)	0.55		39
AMI1-5(T)	0.37		45	AMI2-5(T)	0.55		47,5	AMI3-5(T)	0.55		47,5
AMI1-6(T)	0.37		54	AMI2-6(T)	0.75		56,5	AMI3-6(T)	0.75		56,5
AMI1-7(T)	0.55		68	AMI2-7(T)	1.0		68	AMI3-7(T)	1.0		68
AMI4-2(T)	0.37	4	20,7	AMI5-2(T)	0.37	5	20,7	AMI8-10B(T)	0.55	8	15
AMI4-3(T)	0.55		31	AMI5-3(T)	0.55		31	AMI8-20B(T)	0.75		24
AMI4-4(T)	0.75		41,4	AMI5-4(T)	0.75		41,4	AMI8-30B(T)	1.1		35
AMI4-5(T)	0.75		50,5	AMI5-5(T)	0.75		50,5	AMI8-40B(T)	1.5		44
AMI4-6(T)	1.0		61	AMI5-6(T)	1.0		61	AMI8-50B(T)	2.2		54
AMI4-7(T)	1.1		71	AMI5-7(T)	1.1		71	AMI8-60BT	3.0		68
AMI8-10(T)	0.55	8	16	AMI10-1(T)	0.65	10	16	AMI12-10B(T)	0.75	12	12,5
AMI8-15(T)	0.75		29	AMI10-2(T)	1.2		32	AMI12-20B(T)	1.1		26
AMI8-20(T)	1.0		34	AMI10-3(T)	2.2		47	AMI12-30B(T)	1.85		39
AMI8-25(T)	1.5		47	AMI10-4T	3.0		63	AMI12-40B(T)	2.2		53
AMI8-30(T)	1.85		54	AMI10-5T	3.0		78	AMI12-50BT	3.0		68
AMI8-35(T)	2.2	12	63	AMI15-1(T)	1.2	15	13	AMI16-10(T)	1.0	16	14
AMI8-40(T)	2.2		72	AMI15-2(T)	2.2		28	AMI16-20(T)	1.5		28
AMI12-10(T)	1.0		32	AMI15-3T	4.0		43	AMI16-30(T)	2.2		43
AMI12-15(T)	1.5		40	AMI15-4T	5.5		60	AMI16-40T	3.0		56
AMI12-20(T)	1.85		50	AMI20-10(T)	1.0	20	14				
AMI12-25(T)	2.2		60	AMI20-20(T)	1.85		29				
AMI12-30T	3.0		58	AMI20-30T	3.0		42				
				AMI20-40T	4.0		58				
				AMI25-1(T)	2.2	25	12				
				AMI25-2(T)	4.0		26				
				AMI25-3T	5.5		44				
				AMI25-4T	7.5		57				
Model	Power P ₂ (kW)	Rated flow (m³/h)	Rated head (m)	Model	Power P ₂ (kW)	Rated flow (m³/h)	Rated head (m)	Model	Power P ₂ (kW)	Rated flow (m³/h)	Rated head (m)
AMI1-2(T)	0.37	1	24	AMI2-2(T)	0.37	2	25	AMI3-2(T)	0.37	3	23
AMI1-3(T)	0.55		38	AMI2-3(T)	0.55		37	AMI3-3(T)	0.55		34
AMI1-4(T)	0.55		48	AMI2-4(T)	0.75		50	AMI3-4(T)	0.75		45
AMI1-5(T)	0.75		60	AMI2-5(T)	1.0		62	AMI3-5(T)	1.0		57
AMI1-6(T)	0.75		72	AMI2-6(T)	1.3		74	AMI3-6(T)	1.3		68
AMI4-2(T)	0.55	4	23	AMI5-2(T)	0.55	5	21	AMI8-10B(T)	0.75	8	12
AMI4-3(T)	0.75		34.5	AMI5-3(T)	0.75		31.5	AMI8-20B(T)	1.5		25
AMI4-4(T)	1.0		46	AMI5-4(T)	1.0		42	AMI8-30B(T)	2.2		39
AMI4-5(T)	1.5		57.5	AMI5-5(T)	1.5		52.5	AMI8-40B	3.0		52
								AMI8-50B	3.0		65
AMI8-10(T)	1.0	8	18	AMI10-1T	1.1	10	17	AMI12-10(T)	1.5	12	20
AMI8-15(T)	1.5		28	AMI10-2T	2.2		38	AMI12-15(T)	2.2		37
AMI8-20(T)	1.85		36	AMI10-3T	4.0		59	AMI12-20T	3.0		40
AMI8-25(T)	2.2		46	AMI10-4T	4.0		81				
AMI8-30T	3.0		58	AMI10-5T	5.5		102				
AMI12-10B(T)	1.1	12	15	AMI15-1(T)	2.2	15	20	AMI16-10(T)	1.5	16	14
AMI12-20B(T)	2.2		31	AMI15-2(T)	4.0		43	AMI16-20T	3.0		28
AMI12-30BT	3.0		48	AMI15-3T	5.5		67	AMI16-30T	4.0		42
AMI12-40BT	4.0		65								
AMI20-10(T)	1.85	20	16	AMI25-1T	4.0	25	18				
AMI20-20T	4.0		32	AMI25-2T	5.5		42				

- Selection of pumps**
1. Ensure the rated flow(Q)and rated head(H),see list of technical parameters of rated work point parameters, determine the pump type and power of motor .
(Single-phase:220-240V, Three-phase:380-415V)
2. Ensure the Voltage(V), Frequency(Hz) and Phase(PH) of the motor, specially pay attention to the frequency of the user area.
3. Refer to the liquid temperature, ensure the different material of the pump (SUS304, SUS316) and different mechanical seal.
4. Refer to the option manual of CMF, CM, CMH for the information of dimension, performance and the structure.

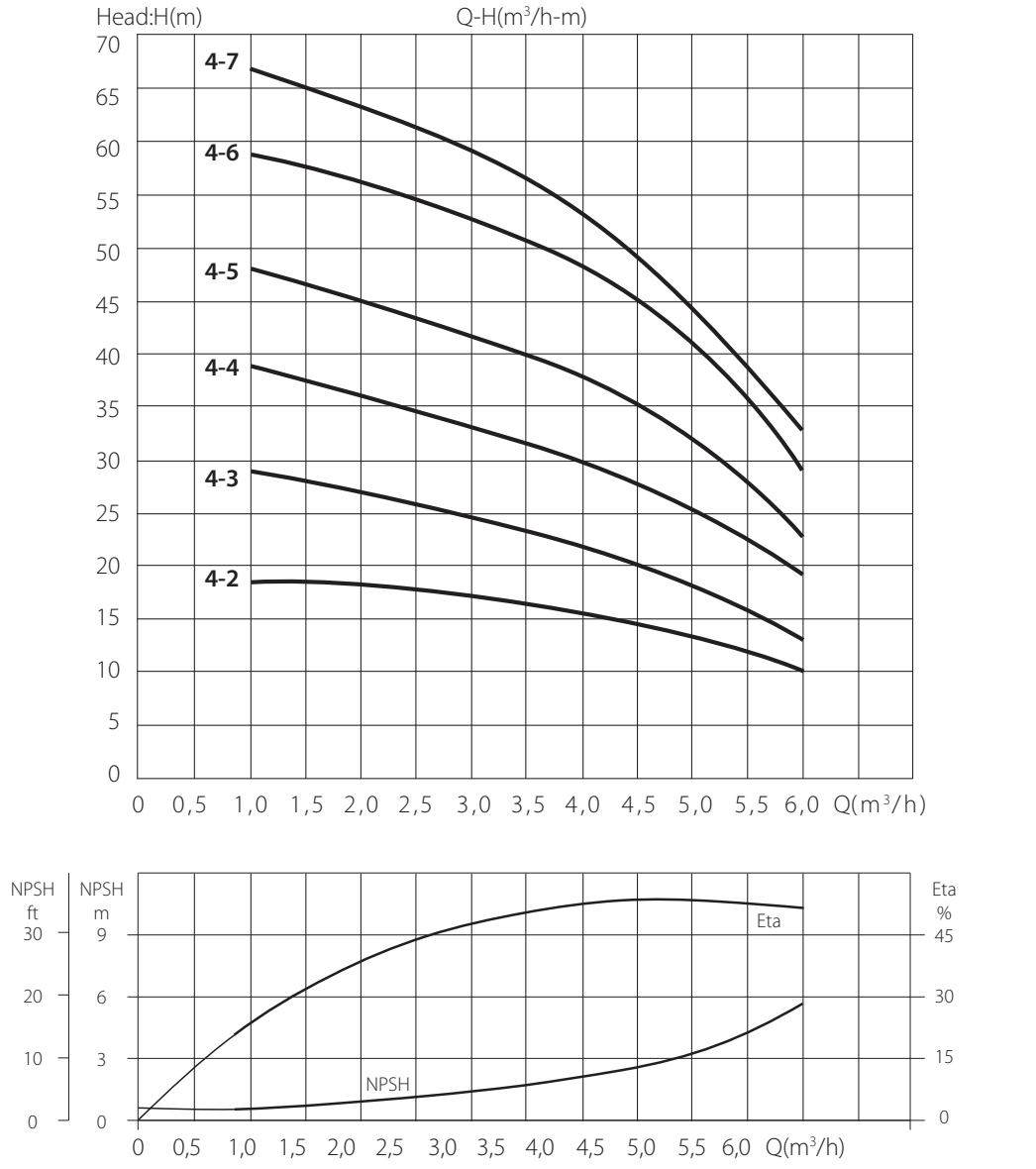


Type	P2		1 PH	3 PH	I/min Q m³/h	13	20	26	33	40	46	53	60	66
	kW	HP	230 V	400 V		0,8	1,2	1,6	2	2,4	2,8	3,2	3,6	4
AMI2-2	0,25	0,3	2	0,7	Hm	19,5	19	18,5	18	17	16,5	14,5	13,5	12
AMI2-3	0,37	0,5	2,4	1		27	26	25	24	23	22	20	17	15
AMI2-4	0,55	0,75	3,8	1,4		36	35	34	32	31	29	27	23	20
AMI2-5	0,55	0,75	3,8	1,4		44	43	42	40	38	36	33	28,5	24
AMI2-6	0,75	1	5,2	1,8		53	51,5	49	47	44	41	37	32	27
AMI2-7	1	1,36	6,2	2,4		64	63	60,2	59	56	52	48	44	36

Installation sketch

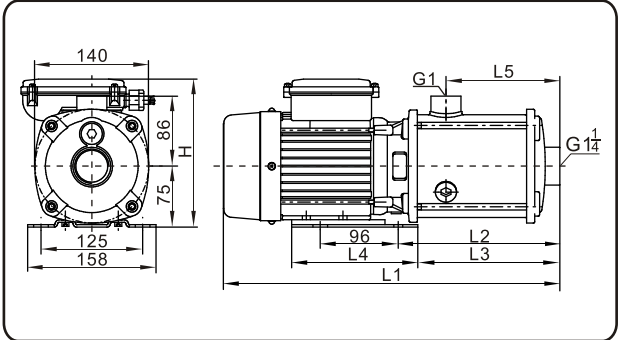


Model	Dimensions(mm)								Weight (kg)
	Single Phase	Three Phase	L1	L2	L3	L4	L5	L6	
	H2								
AMI2-2	170	174	318	131	113	72	96	136	7.4
AMI2-3	170	174	318	131	113	72	96	136	7.5
AMI2-4	170	174	336	149	131	90	96	136	10
AMI2-5	170	174	383	167	143	108	96	136	10.5
AMI2-6	170	188	416	203	179	144	96	155	12
AMI2-7	200	188	416	203	179	144	96	155	13

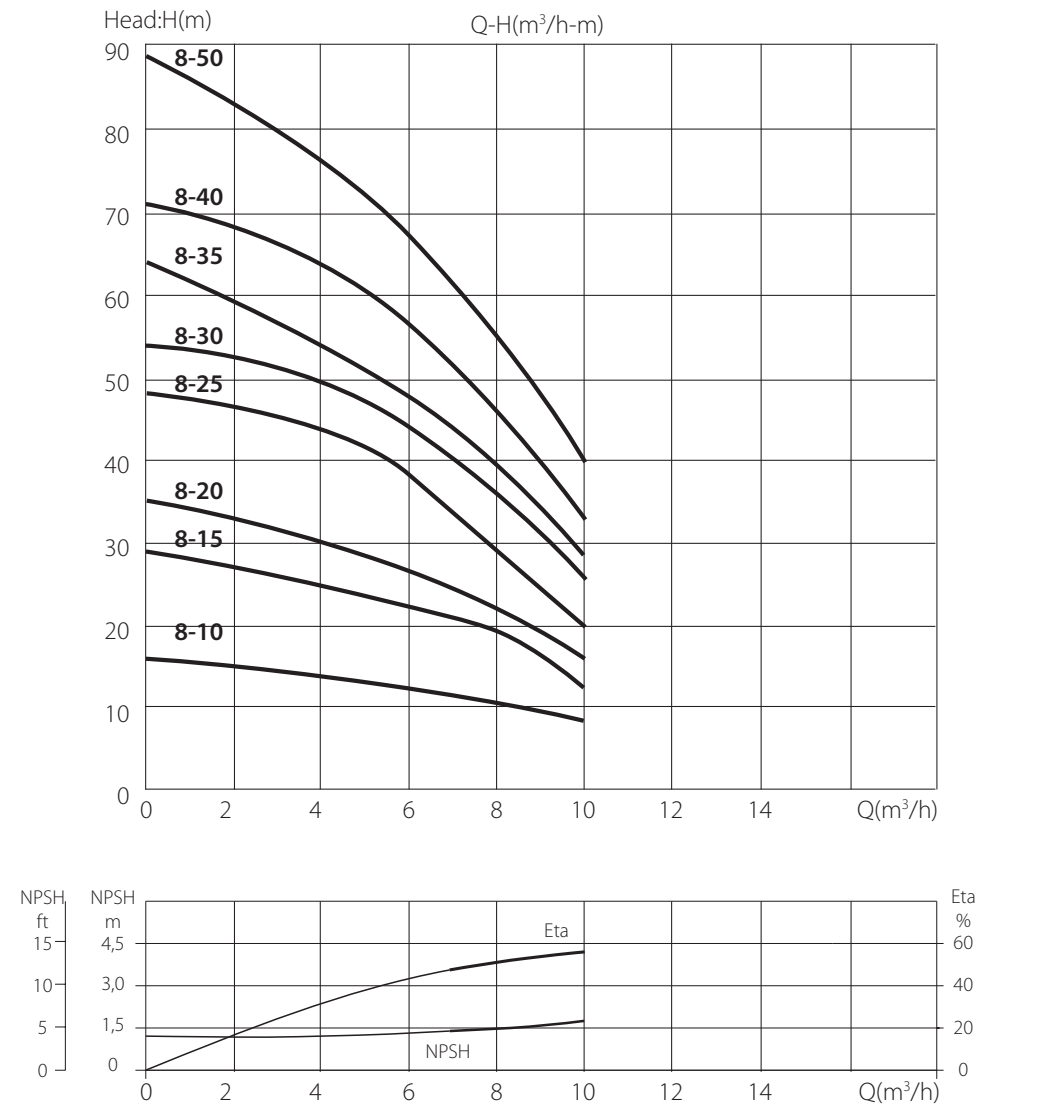


Type	P2		1 PH	3 PH	I/min Q m³/h	16	25	33	41	50	58	66	75	83	91	100
	kW	HP	230 V	400 V		1	1,5	2	2,5	3	3,5	4	4,5	5	5,5	6
AMI4-2	0,37	0,5	2,4	1	Hm	19,5	19	18,5	17,5	17	16	15,5	14,5	13	11	9,5
AMI4-3	0,55	0,75	3,8	1,4		29	28,5	28	26,5	25	23,5	22,5	21	19,5	20	13
AMI4-4	0,75	1	5,2	1,8		39	38	37	35,5	34,5	32,5	31	29	26	24	19
AMI4-5	0,75	1	6,2	2,4		48	47	46	44,5	43	41	38	35,5	32	32	23
AMI4-6	1	1,36	8,4	3,1		59	57	56	54	53	50	46	44	39,5	41	29
AMI4-7	1,1	1,5	9,2	3,5		68	66	64	62	60,5	57	53	50	45,5	47	33

Installation sketch

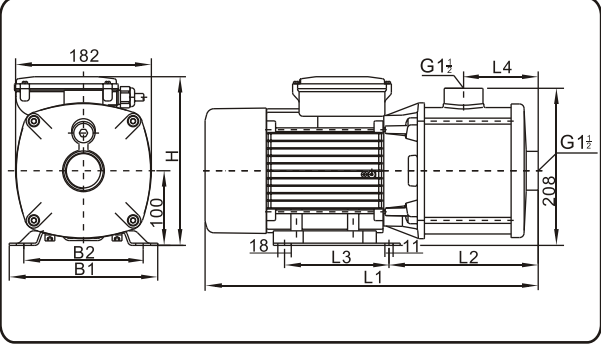


Model	Dimensions(mm)							Weight (kg)
	L1	L2	L3	L4	L5	Single Phase	Three Phase	
						H	H	
AMI4-2	314	127	109	136	68	172	174	8.0
AMI4-3	314	127	109	136	68	172	174	10
AMI4-4	360	145	121	155	86	182	188	11.5
AMI4-5	378	163	139	155	104	182	188	12.5
AMI4-6	414	199	175	155	140	185	188	13
AMI4-7	414	199	175	155	140	185	188	15

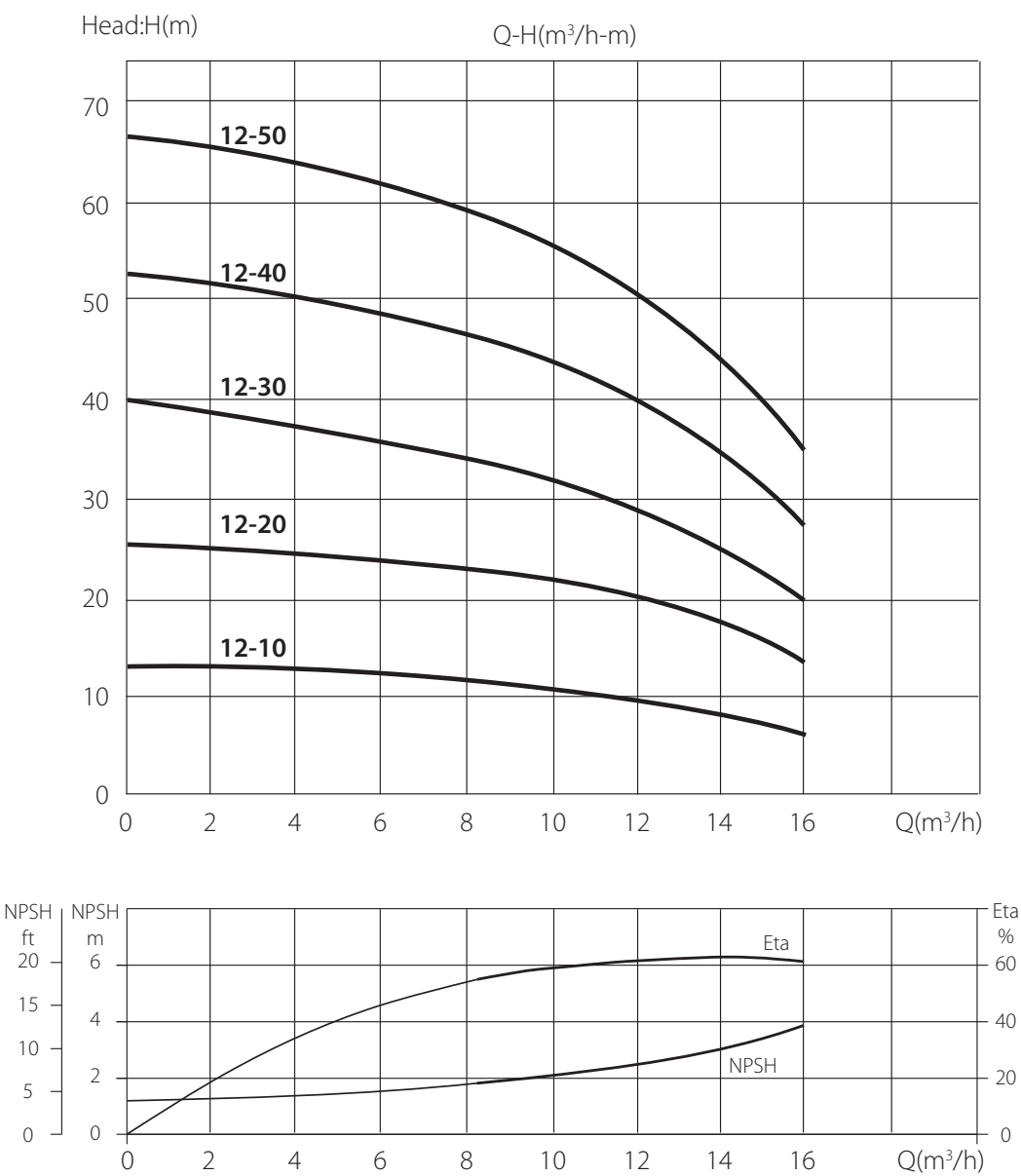


Type	P2		1 PH	3 PH	I/min Q m³/h	66	83	100	116	133	150	166
	kW	HP	230 V	400 V		4	5	6	7	8	9	10
AMI8-10	0,55	0,75	3,8	1,4	Hm	15	14	13	12,5	12	9	8
AMI8-15	0,75	1	5,2	1,8		25	23	22	21	20	14	12
AMI8-20	1	1,3	6,2	2,4		32	29	27	25	24	21	17
AMI8-25	1,5	2	9,2	3,5		43	40	38	34	27	25	20
AMI8-30	1,85	2,5	13	4,1		50	46	44	40	36	30	26
AMI8-35	2,2	3	14	4,9		56	51	48	44	43	35	28
AMI8-40	2,2	3	14	4,9		65	57,5	57	50	48	42	34
AMI8-50	3	4	-	6,3		78	73	67	62	55	47	40

Installation sketch

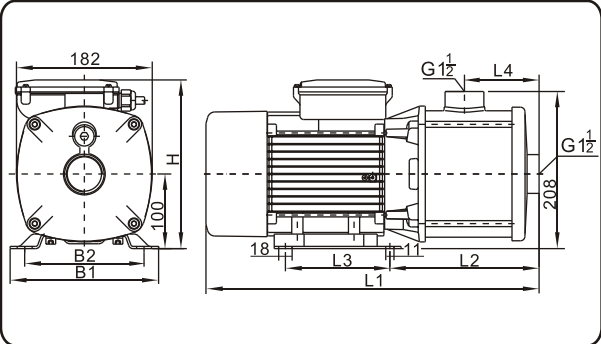


Model	Dimensions(mm)													Weight (kg)
	Single Phase					Three Phase					L2	L4		
	B1	B2	L1	L3	H	B1	B2	L1	L3	H				
AMI8-10	158	125	377	96	206	158	125	377	96	212	185	100	10	
AMI8-15	158	125	377	96	206	158	125	377	96	212	185	100	11	
AMI8-20	158	125	377	96	206	158	125	377	96	212	185	100	13	
AMI8-25	158	125	408	96	232	158	125	408	96	217	200	100	16	
AMI8-30	199	160	449	140	244	158	125	408	96	217	200	100	21	
AMI8-35	199	160	479	140	244	158	125	438	96	217	230	130	22	
AMI8-40	199	160	479	140	244	158	125	438	96	217	230	130	23	
AMI8-50	199	160	479	140	244	158	125	438	96	217	230	130	24	

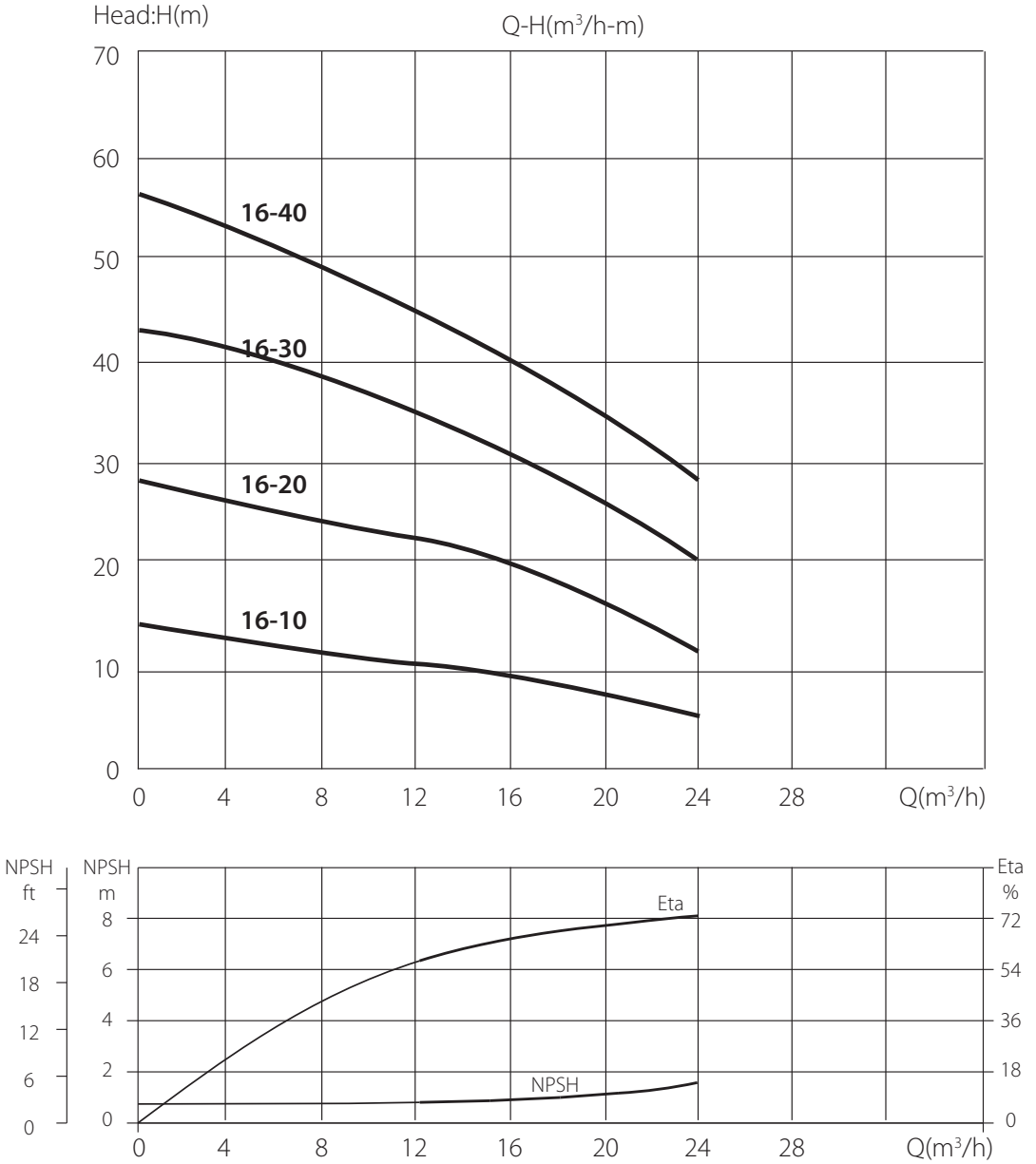


Type	P2		1 PH	3 PH	I/min Q m³/h	116	133	150	166	183	200	216	233	250	266
	kW	HP	230 V	400 V		7	8	9	10	11	12	13	14	15	16
AMI12-10	0,75	1	5,2	1,8	Hm	12	11,5	11	10,5	10	9,5	9	8	7	6
AMI12-20	1,1	1,5	9,2	3,5		23	22,5	22	21	20,5	19,5	18,5	17	15,5	13
AMI12-30	1,85	2,5	13	4,1		35	34,5	33,5	32,5	31	29,5	28	26	23,5	20
AMI12-40	2,2	3	14	4,9		47	46	45	43,5	41,5	39,5	37,5	35	31,5	27,5
AMI12-50	3	4	-	6,3		60	58	56,5	55	52,5	50	47	44	40	35

Installation sketch

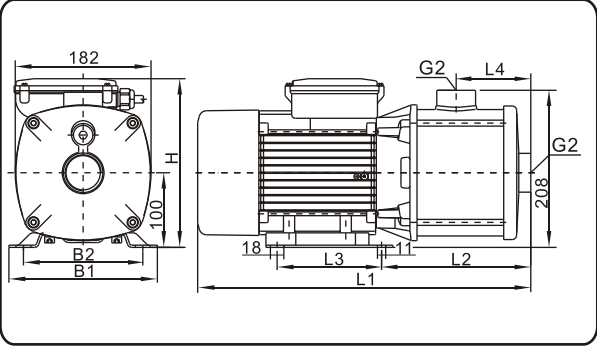


Model	Dimensions(mm)													Weight (kg)
	Single Phase						Three Phase						L4	
	B1	B2	L1	L2	L3	H	B1	B2	L1	L2	L3	H		
AMI12-10	158	125	377	185	96	206	158	125	377	185	96	212	100	11
AMI12-20	158	125	408	200	96	214	158	125	408	200	96	217	100	12
AMI12-30	199	160	449	200	140	244	158	125	408	200	96	217	100	22
AMI12-40	199	160	479	200	140	244	158	125	438	200	96	217	130	23
AMI12-50	—	—	—	—	—	—	199	160	539	290	140	212	190	26

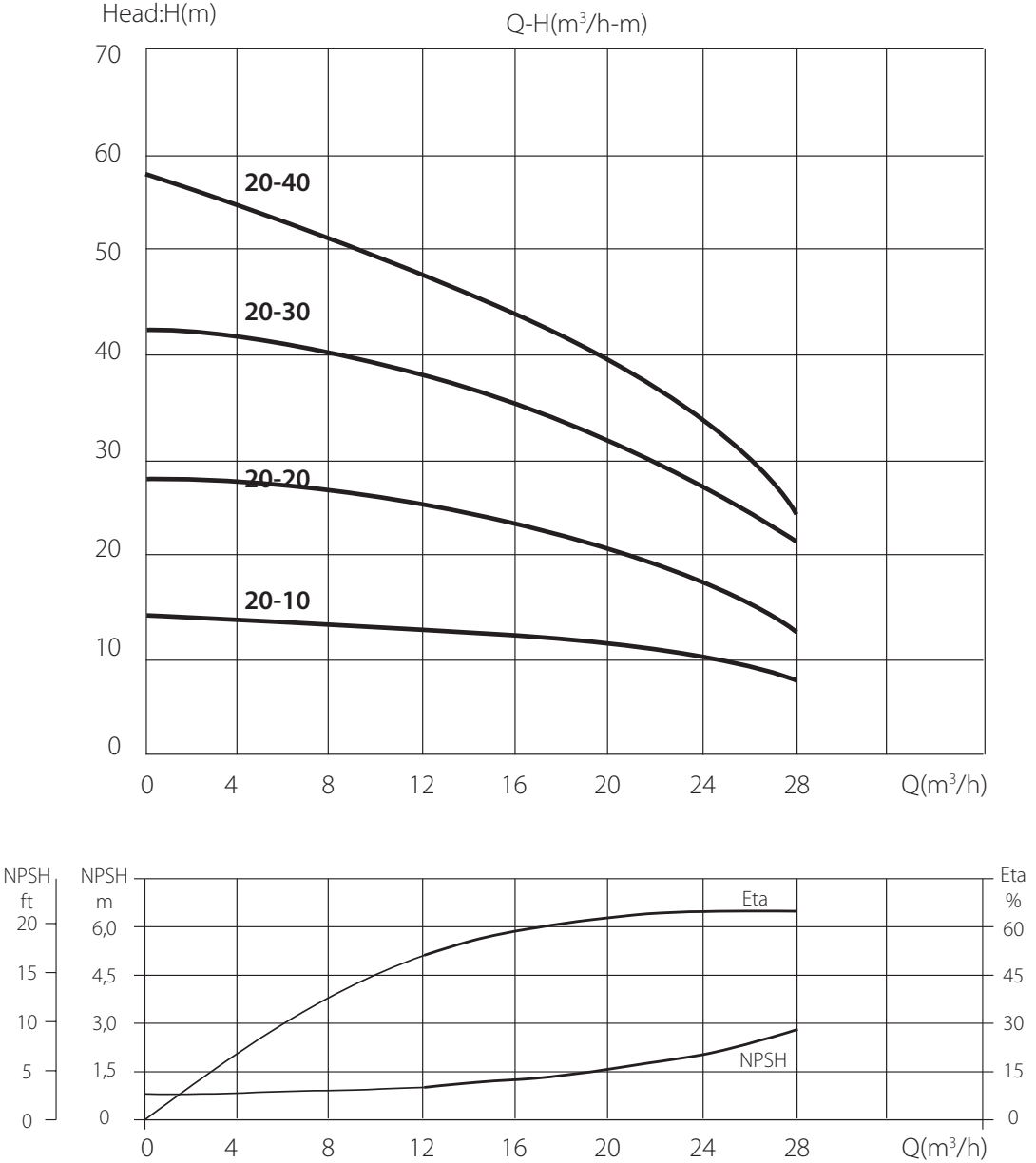


Type	P2		1 PH	3 PH	I/min Q m³/h	133	166	200	233	266	300	333	366	400
	kW	HP	A	A		8	10	12	14	16	18	20	22	24
AMI16-10	1	1,3	6,2	2,4	Hm	12	11,5	11	10,5	10	9	8	7	6
AMI16-20	1,5	2	9,2	3,5		24	23	22	21	20	18	16	14	12
AMI16-30	2,2	3	14	4,9		38	36	34	33	30	28	26	23	20
AMI16-40	3	4	-	6,3		50	46	45	44	40	38	36	32	28

Installation sketch

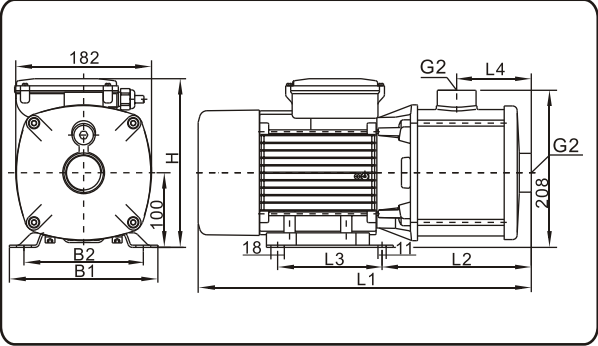


Model	Dimensions(mm)													Weight (kg)
	Single Phase					Three Phase					L2	L4		
	B1	B2	L1	L3	H	B1	B2	L1	L3	H				
AMI16-10	158	125	408	96	209	158	125	408	96	212	215	130	13	
AMI16-20	158	125	439	96	232	158	125	439	96	217	230	130	16	
AMI16-30	199	160	480	140	244	199	160	580	140	212	230	130	22	
AMI16-40	—	—	—	—	—	199	160	545	140	212	275	175	27	



Type	P2		1 PH	3 PH	I/min Q m³/h	166	200	233	266	300	333	366	400	433	466		
	kW	HP	A	A		10	12	14	16	18	20	22	24	26	28	G1	G2
AMI20-10	1	1,3	6,2	2,4	Hm	13	12,5	12	11,5	11	10,5	10	9	8,5	7,5	2"	2"
AMI20-20	1,85	2,5	13	4,1		25	24	23	22	21	20	18	16	14	12	2"	2"
AMI20-30	3	4	-	6,3		39	38	36	35	33	31,5	30	27	24	21	2"	2"
AMI20-40	4	5,5	-	8,2		50	48	46	44	42	40	36	32	28	24	2"	2"

Installation sketch



Model	Dimensions(mm)													Weight (kg)
	Single Phase					Three Phase					L2	L4		
	B1	B2	L1	L3	H	B1	B2	L1	L3	H				
AMI20-10	158	125	408	96	209	158	125	408	96	212	215	130	19	
AMI20-20	199	160	480	140	244	158	125	439	96	217	230	130	21	
AMI20-30	—	—	—	—	—	199	160	500	140	212	230	130	24	
AMI20-40	—	—	—	—	—	199	160	561	140	252	297	175	28	

CDLF

VERTICAL MULTISTAGE PUMP



CDLF



Application

- Suitable for transferring liquids of low viscosity, non-inflammable and non-explosive, not containing solid particles or fibers
- Water supply & drainage for high-rise buildings, filtration and transfer at waterworks, pressure boosting in main pipe
- Washing and cleaning systems, boiler feeding, cooling water circulation, water treatment systems, auxiliary system, support equipment
- Ultra-filtration systems, reverse-osmosis systems, distillation systems, separators, swimming pools
- Agricultural irrigation: sprinkler irrigation, drip-feed irrigation
- Food & beverage industry
- Fire-fighting system

- Low viscosity, non-inflammable and non-explosive liquids not containing solid particles or fibers. The liquids must not chemically attack the pump materials. When pumping liquids with a density or viscosity is higher than that of water, a motor with a higher output power rating shall be used.
- Liquid temperature: - 20°C ~ +120°C
- Flow ranges: 0.7-240 m³/h
- Liquid pH value: 4 - 10
- Max. ambient temperature: +40°C
- Max. operation pressure: 33 bar
- Altitude: up to 1000m

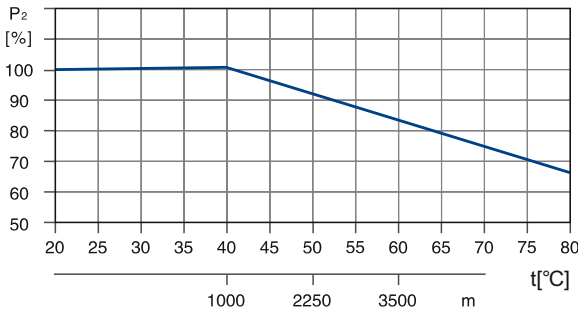
Motor

- IE 2 motor (IE 3 motor optional)
- Totally enclosed & fan-cooled
- Protection class: IP55
- Standard voltage: 50Hz 1x220V/3 x380V

Ambient Temperature

Max. ambient temperature: +40°C . Ambient temperature above 40°C or installation at altitude of more than 1000 meters above sea level require the use of an oversize motor. Because of low air density and poor cooling effects, the motor output power P2 Will be decreased. See the picture.

In such cases, it may be necessary to use a motor with a higher output power rating



For example,when the pump is installed at altitude of more than 3500 meters above sea level, P₂will be decreased to 88%. When the ambient temperature is 70°C, P₂ will be decreased to 70%.

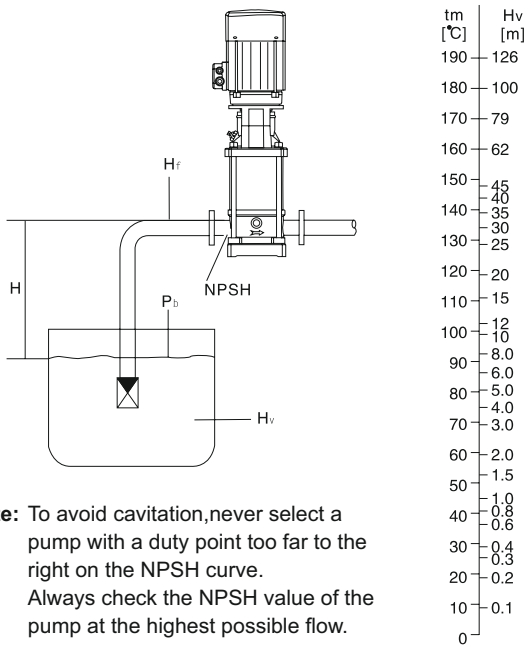
Minimum Inlet Pressure-Npsh

Calculation of the inlet pressure "H" is recommended in these situations:
The liquid temperature is high.
The flow is significantly higher than the rated flow.
Water is drawn from depths.
Water is drawn through long pipes.
Inlet conditions are poor.

To avoid cavitation, make sure that there is a minimum pressure on the suction side of the pump. The maximum suction lift "H" in meters head can be calculated as follows:

H	= $P_b \times 10.2 - NPSH - H_f - H_v - H_s$
P _b	= Barometric pressure in bar. (Barometric pressure can be set to 1 bar). In closed systems, P _b indicates the system pressure in bar.
NPSH	= Net Positive Suction Head in meters head. (To be read from the NPSH curve at the highest flow the pump will be delivering.)
H _f	= Friction loss in suction pipe in meters head. (At the highest flow the pump will be delivering.)
H _v	= Vapor pressure in meters head. (To be read from the vapor pressure scale. "H _v " depends on the liquid temperature "tm")
H _s	= Safety margin=minimum 0.5 meters head.

If the "H" calculated is positive, the pump can operate at a suction lift of maximum "H" meters head.
If the "H" calculated is negative, an inlet pressure of minimum "H" meters head is required.



Note: To avoid cavitation,never select a pump with a duty point too far to the right on the NPSH curve.
Always check the NPSH value of the pump at the highest possible flow.

Maximum Inlet Pressure

The following table shows the maximum permissible inlet pressure. However, the current inlet pressure + the pressure against a closed valve must always be lower than the Max. permissible operating pressure.
If the maximum permissible operating pressure is exceeded, the bearing in the motor may be damaged and the life of the shaft seal reduced.

Model	Max. Inlet Pressure [bar]	
CDL(S) 1-2 - 1-36	10	
CDL(S) 2-2	6	
CDL(S) 2-3 - 2-12	10	
CDL(S) 2-13 - 2-26	15	
CDL(S) 3-2 - 3-29	10	
CDL(S) 3-31 - 3-36	15	
CDL(S) 4-2	6	
CDL(S) 4-3 - 4-11	10	
CDL(S) 4-12 - 4-22	15	
CDL(S) 5-2 - 5-16	10	
CDL(S) 5-18 - 5-29	15	
CDL(S) 10-1 - 10-6	8	
CDL(S) 10-7 - 10-22	10	
CDL(S) 15-1 - 15-3	8	
CDL(S) 15-4 - 15-17	10	
CDL(S) 20-1 - 20-3	8	
CDL(S) 20-4 - 20-17	10	
CDL(S) 32-1-1 - 32-4	4	
CDL(S) 32-5-2 - 32-10	10	
CDL(S) 32-11 - 32-14	15	
CDL(S) 45-1-1 - 45-2	4	
CDL(S) 45-3-2 - 45-5	10	
CDL(S) 45-6-2 - 45-13-2	15	
CDL(S) 64-1-1 - 64-2-2	4	
CDL(S) 64-2-1 - 64-4-2	10	
CDL(S) 64-4-1 - 64-8-1	15	
CDL(S) 90-1-1 - 90-1	4	
CDL(S) 90-2-2 - 90-3-2	10	
CDL(S) 90-3 - 90-6	15	
CDL(S) 120-1 - 120-2-1	10	
CDL(S) 120-2 - 120-5-1	15	
CDL(S) 120-5 - 120-7	20	
CDL(S) 150-1-1 - 150-2-2	10	
CDL(S) 150-2-1 - 150-4-1	15	
CDL(S) 150-4 - 150-6	20	
CDL(S) 200-1-D	10	
CDL(S) 200-1-C - 200-2-2C	15	
CDL(S) 200-2-C - 200-4	20	

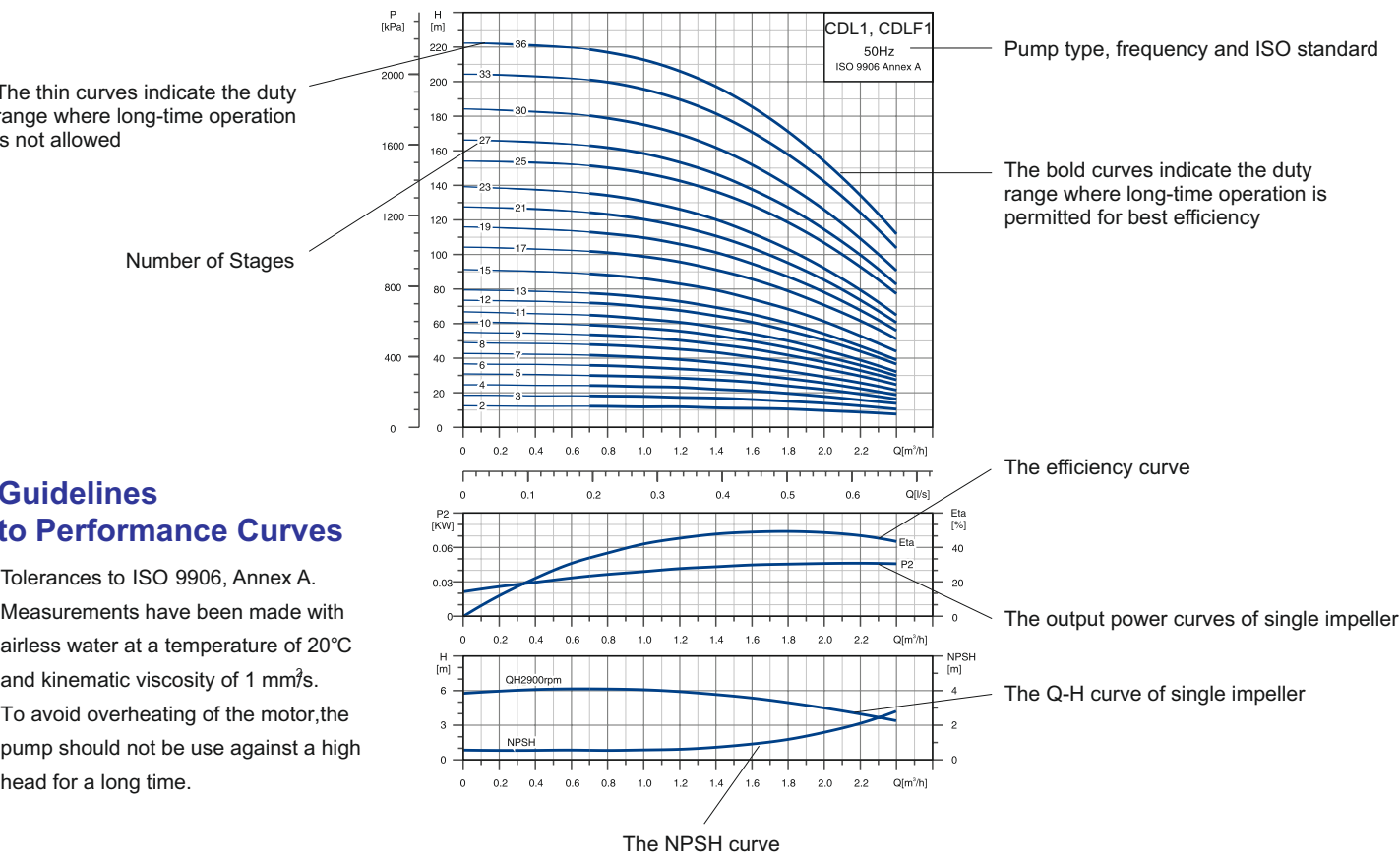
Model	CDL Max. Operation pressure [bar]		CDLF Max. Operation pressure [bar]
	Oval Flange	DIN Flange	
CDL(S) 1	16	25	25
CDL(S) 2	16	25	25
CDL(S) 3	16	25	25
CDL(S) 4	16	25	25
CDL(S) 5	16	25	25
CDL(S) 10	25	25	25
CDL(S) 15	25	25	25
CDL(S) 20	25	25	25
CDL(S) 32-1-1 - 32-7	16	16	
CDL(S) 32-8-2 - 32-14	30	30	
CDL(S) 45-1-1 - 45-5	16	16	
CDL(S) 45-6-2 - 45-11	30	30	
CDL(S) 45-12-2 - 45-13-2	33	33	
CDL(S) 64-1-1 - 64-5	16	16	
CDL(S) 64-6-2 - 64-8-1	30	30	
CDL(S) 90-1-1 - 90-4	16	16	
CDL(S) 90-5-2 - 90-6	30	30	
CDL(S) 120-1 - 120-7	20	20	
CDL(S) 150-1-1 - 150-6	20	20	
CDL(S) 200-1-D - 200-4	20	20	

CDLF

VERTICAL MULTISTAGE PUMP



How to Read the Curve Charts



Guidelines to Performance Curves

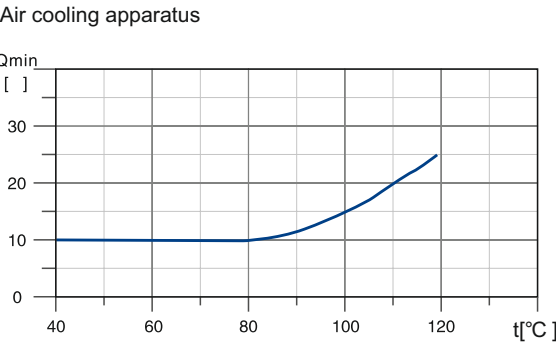
Tolerances to ISO 9906, Annex A.

Measurements have been made with airless water at a temperature of 20°C and kinematic viscosity of 1 mm²/s.

To avoid overheating of the motor, the pump should not be use against a high head for a long time.

Maximum Flow Rate

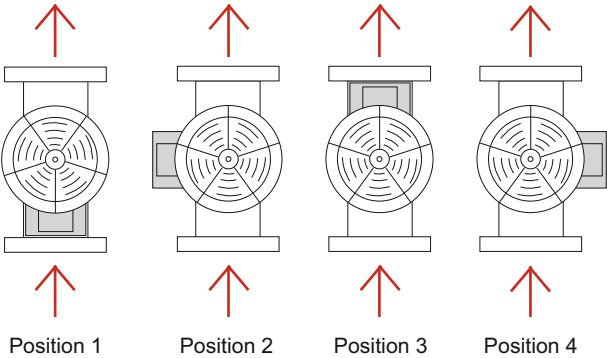
Due to the risk od overheating, the pump should not be used at a flow below the minimum flow rate. The curve below shows the minimum flow rate as a percentage of the nominal flow rate in relation to the liquid temperature.



Note: The outlet valve must be opened when the pump is in operation.

Terminal Box Positions

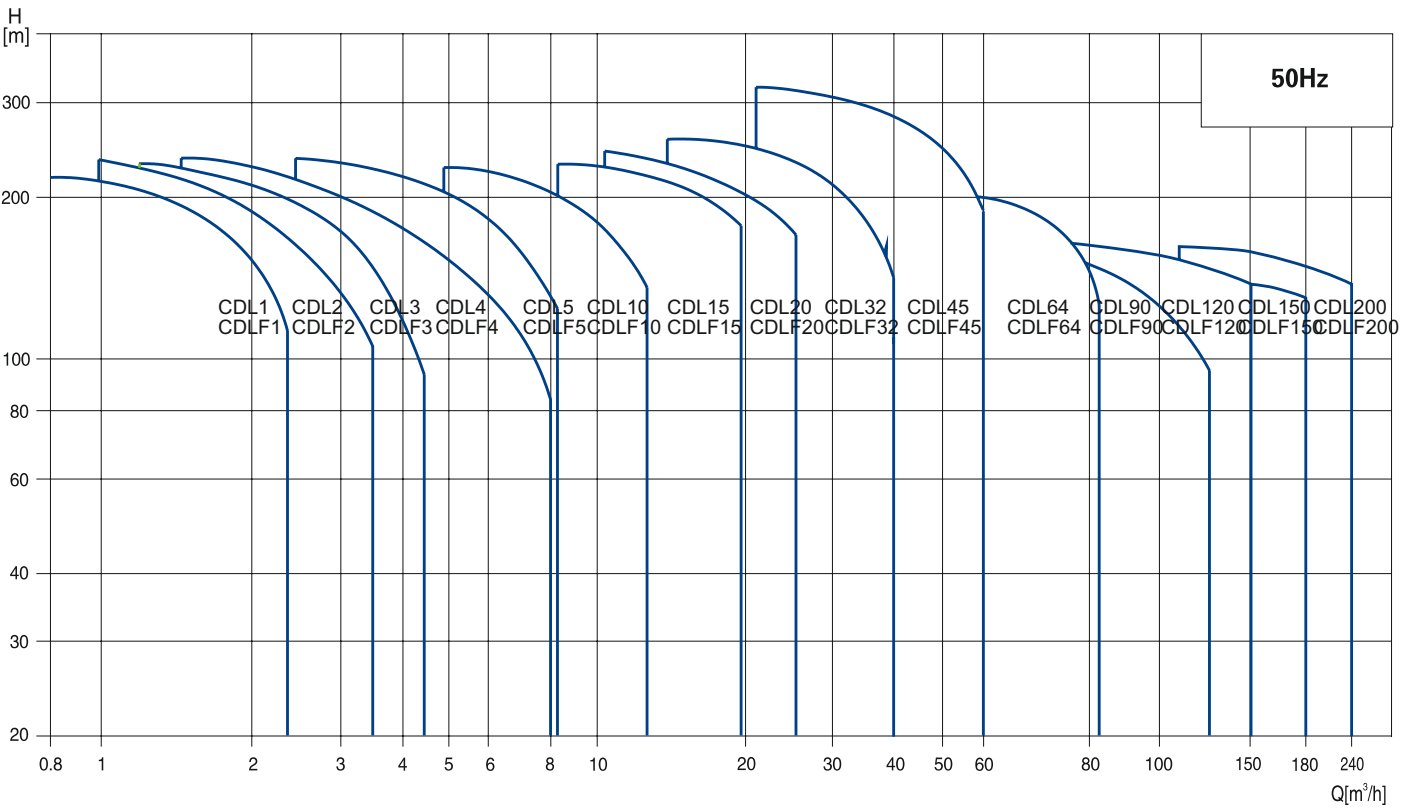
(Note: set to position 1 before delivery)



Product Range

Model	CDL(F)1	CDL(F)2	CDL(F)3	CDL(F)4	CDL(F)5	CDL(F)10	CDL(F)15	CDL(F)20	CDL(F)32	CDL(F)45	CDL(F)64	CDL(F)90	CDL(F)120	CDL(F)150	CDL(F)200
Description															
Rated flow(m ³ /h)	1	2	3	4	5	10	15	20	32	45	64	90	120	150	200
Flow range(m ³ /h)	0.7-2.4	1.0-3.5	1.2-4.5	1.5-8	2.5-8.5	5-13	8-13	10.5-29	15-40	22-58	30-82	45-120	60-150	80-180	100-240
Max.pressure(bar)	22	23	24	21	24	22	23	25	28	33	22	20	16	16	16
Motor power(kW)	0.37-2.2	0.37-3	0.37-3	0.37-4	0.37-4	1.1-7.5	1.1-15	1.1-18.5	1.5-30	3-45	4-45	5.5-45	11-75	11-75	18.5-110
Temperature range(°C)	-20°C~+120°C(Note: Both the Max.permissible pressure and liquid temperature range refer to the pump capacity.)														
Max.pump efficiency(%)	45	46	55	59	60	65	70	72	78	79	80	81	74	73	79
Pipe connection-LVR															
Oval flange	G1	G1	G1	G1 1/4	G1 1/4	-	-	-	-	-	-	-	-	-	-
DIN flange	DN25	DN25	DN25	DN32	DN32	DN40	DN50	DN50	DN65	DN80	DN100	DN100	DN125	DN125	DN150
Pipe connection-LVS															
Oval flange	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIN flange	DN32	DN32	DN32	DN32	DN32	DN40	DN50	DN50	DN65	DN80	DN100	DN100	DN125	DN125	DN150
Clamp connector	Φ42	Φ42	Φ42	Φ42	Φ42	-	-	-	-	-	-	-	-	-	-
Threaded connector	R ₂ 1/4	R ₂ 1/4	R ₂ 1/4	R ₂ 1/4	R ₂ 1/4	-	-	-	-	-	-	-	-	-	-

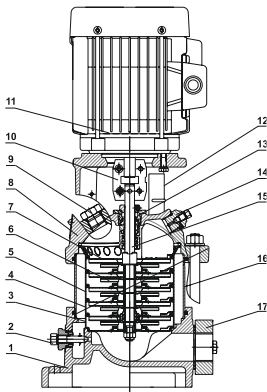
Scope of Performance-CDL,CDLF



CDLF

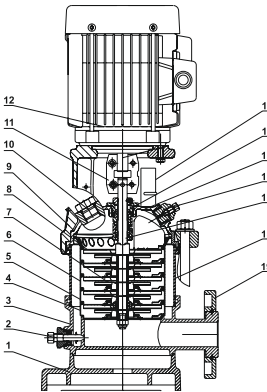
VERTICAL MULTISTAGE PUMP

Cross Section



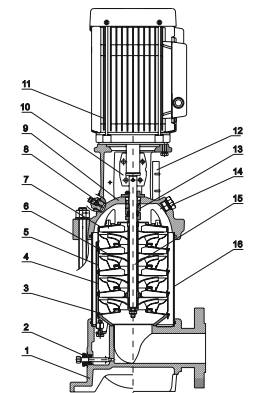
MODEL: CDLF1 (2,3,4,5)

Part	Material
1 Base	HT200
2 Drainage plug assembly	AISI304
3 Primary diffuser	AISI304
4 Diffuser with bearing	AISI304
5 Medium diffuser	AISI304
6 Impeller	AISI304
7 Final volute	AISI304
8 Motor base	HT200
9 Filling plug	AISI304
10 Coupling	Iron based powder metallurgy
11 Motor	
12 Guarding plate	AISI304
13 Cartridge seal	
14 Vent plug assembly	AISI304
15 Pump shaft	AISI316
16 Pump barrel	AISI304
17 Oval flange	HT200



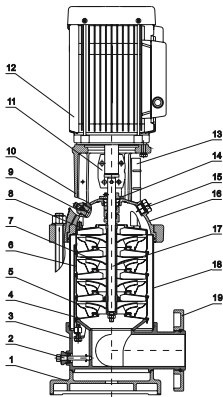
MODEL: CDLF1 (2,3,4,5)

Part	Material	Optional Material
1 Base plate	HT200	
2 Drainage plug assembly	AISI304	AISI316
3 Chasis	ZG304	ZG316
4 Primary diffuser	AISI304	AISI316
5 Diffuser with bearing	AISI304	AISI316
6 Medium diffuser	AISI304	AISI316
7 Impeller	AISI304	AISI316
8 Final volute	AISI304	AISI316
9 Motor base	HT200	
10 Filling plug	AISI304	AISI316
11 Coupling	Iron based powder metallurgy	
12 Motor		
13 Guarding plate	AISI304	
14 Cartridge seal		
15 Pump cover	ZG304	ZG316
16 Vent plug assembly	AISI304	AISI316
17 Pump shaft	AISI316	
18 Pump barrel	AISI304	AISI316
19 Flange	ZG35	



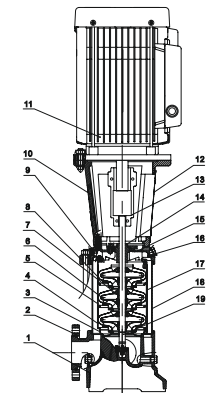
MODEL: CDLF10 (15,20)

Part	Material
1 Base	HT200
2 Drainage plug assembly	AISI304
3 Primary diffuser	AISI304
4 Diffuser with bearing	AISI304
5 Medium diffuser	AISI304
6 Impeller	AISI304
7 Final volute	AISI304
8 Filling plug	AISI304
9 Motor base	HT200
10 Coupling	Iron based powder metallurgy
11 Motor	
12 Guarding plate	AISI304
13 Cartridge seal	
14 Vent plug assembly	AISI304
15 Pump shaft	AISI316
16 Pump barrel	AISI304



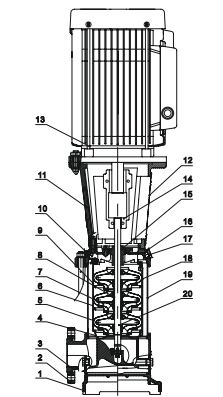
MODEL: CDLF10 (15,20)

Part	Material	Optional Material
1 Base plate	HT200	
2 Drainage plug assembly	AISI304	AISI316
3 Chasis	ZG304	ZG316
4 Primary diffuser	AISI304	AISI316
5 Diffuser with bearing	AISI304	AISI316
6 Medium diffuser	AISI304	AISI316
7 Impeller	AISI304	AISI316
8 Final volute	AISI304	AISI316
9 Filling plug	AISI304	AISI316
10 Motor base	HT200	
11 Coupling	Iron based powder metallurgy	
12 Motor		
13 Guarding plate	AISI304	
14 Cartridge seal		
15 Vent plug assembly	AISI304	AISI316
16 Pump cover	ZG304	AISI316
17 Pump shaft	AISI316	
18 Pump barrel	AISI304	AISI316
19 Flange	ZG35	



MODEL: CDLF32 (45,64,90)

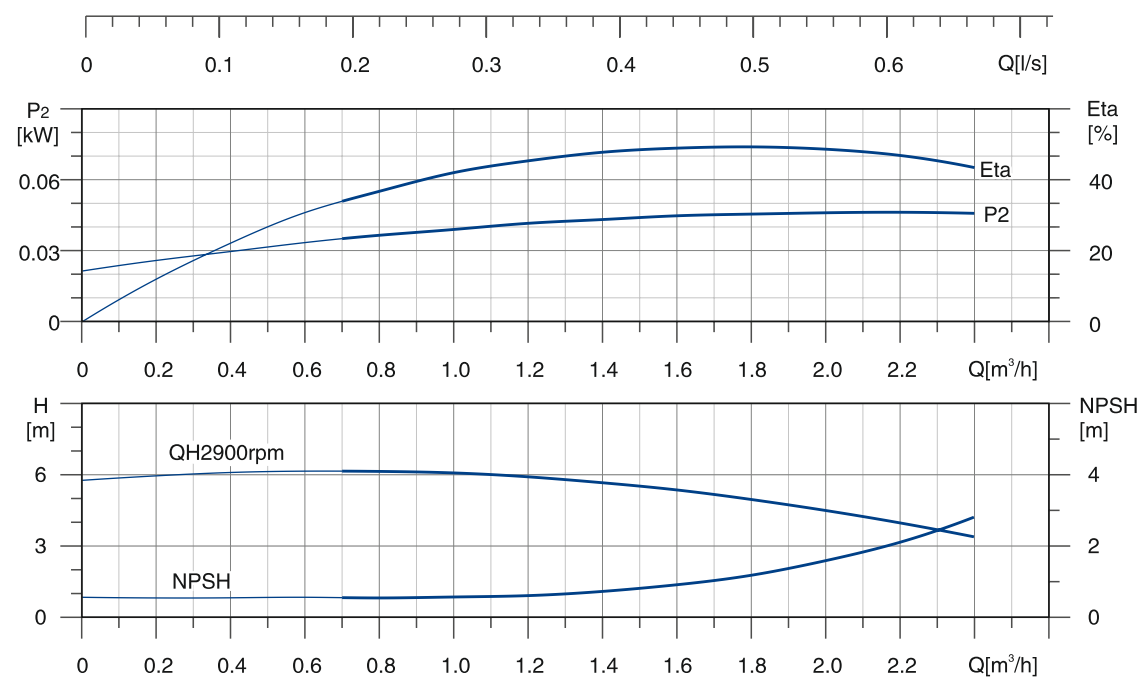
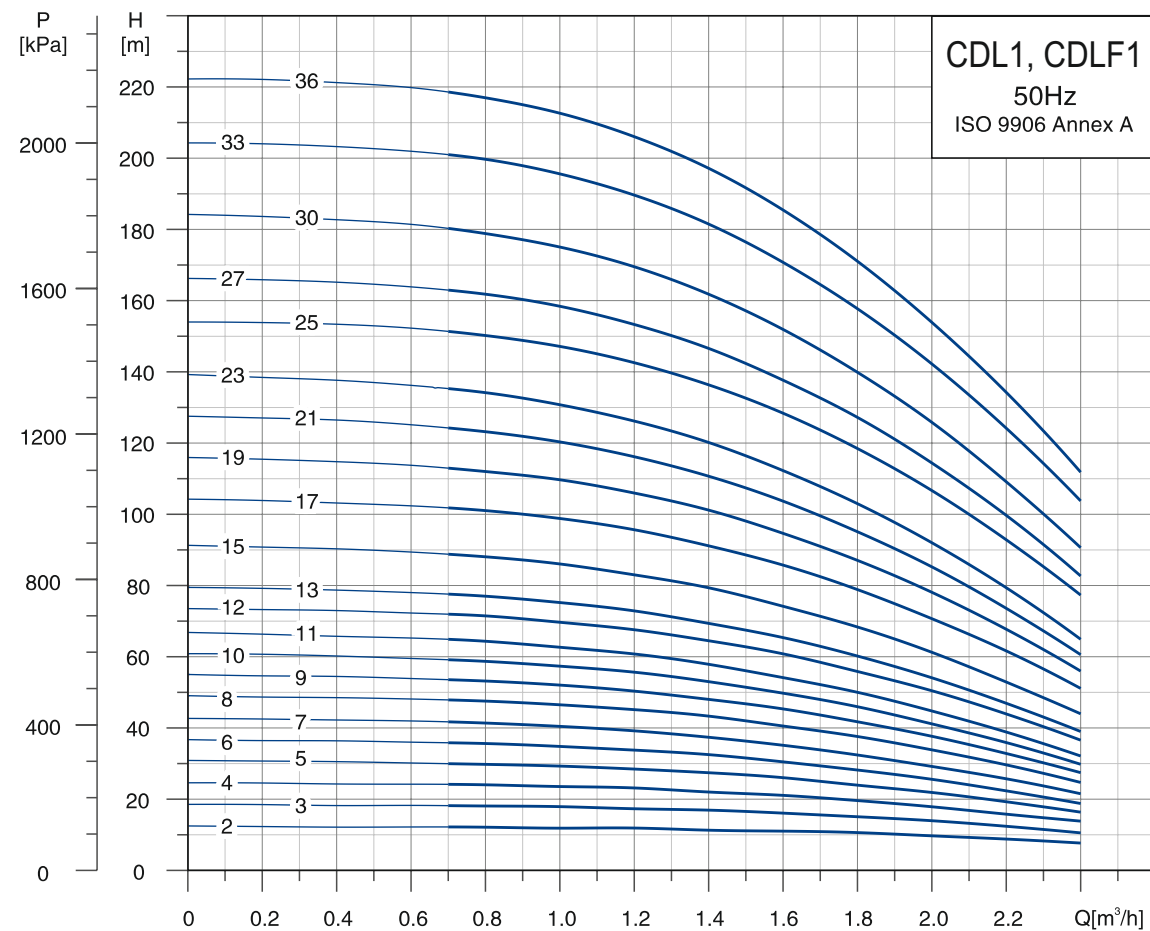
Part	Material
1 Base plate	HT200
2 Flange	ZG35
3 Primary diffuser	AISI304
4 Medium diffuser	AISI304
5 Diffuser with bearing	AISI304
6 Impeller	AISI304
7 Shaft sleeve assembly	
8 Final diffuser	AISI304
9 Vent plug assembly	AISI304
10 Motor base	HT200
11 Motor	
12 Guarding plate	AISI304
13 Coupling	QT400
14 Cartridge seal	
15 HT200 Pump head	HT200
16 Filling plug	AISI304
17 Tension plate	AISI304
18 Pump barrel	AISI304
19 Pump shaft	AISI304



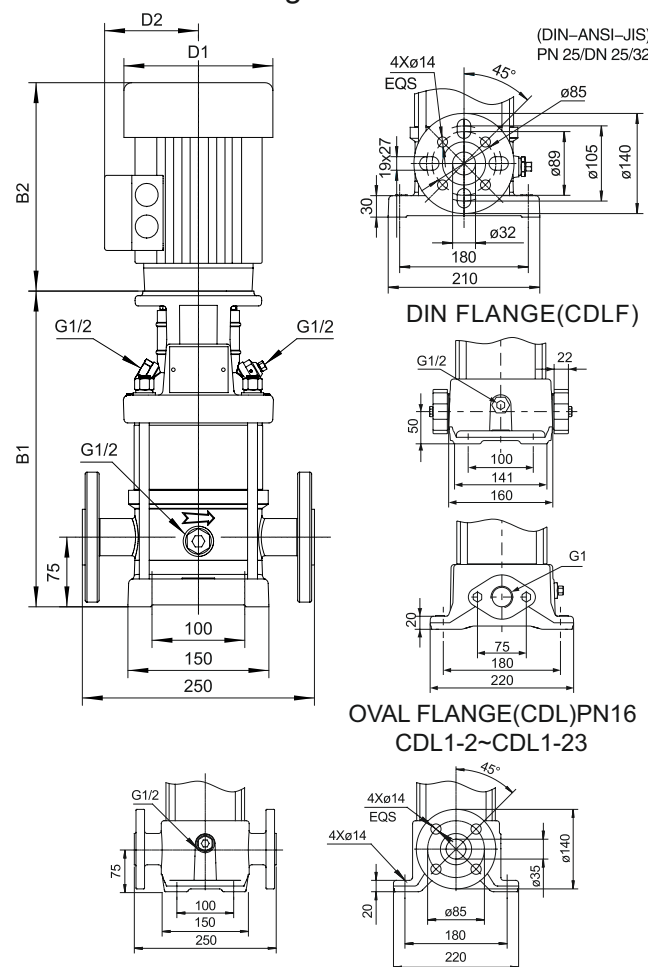
MODEL: CDLF32 (45,64,90)

Part	Material	Optional Material
1 Base plate	HT200	
2 Flange	ZG35	
3 Chasis	ZG304	ZG316
4 Primary diffuser	AISI304	AISI316
5 Medium diffuser	AISI304	AISI316
6 Diffuser with bearing	AISI304	AISI316
7 Impeller	AISI304	AISI316
8 Shaft sleeve assembly		
9 Final diffuser	AISI304	AISI316
10 Vent plug assembly	AISI304	AISI316
11 Motor base	HT200	
12 Motor		
13 Guarding plate	AISI304	
14 Coupling	QT400	
15 Cartridge seal		
16 Pump head	ZG304	ZG316
17 Filling plug	AISI304	AISI316
18 Tension plate	AISI304	AISI316
19 Pump barrel	AISI304	AISI316
20 Pump shaft	AISI304	AISI316

VERTICAL MULTISTAGE PUMP

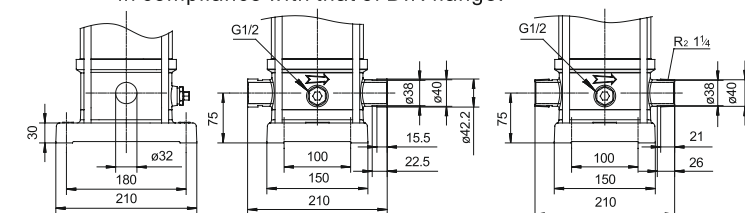


Dimension Drawing



MODEL	OVAL FLANGE (CDL)		DIN FLANGE (CDL, CDLF)		D1	D2	N.W. (kgs)
	B1	B1+B2	B1	B1+B2			
1-2	256	470	282	496	130	105	20.4
1-3	256	470	282	496	130	105	21.2
1-4	274	488	300	514	130	105	21.8
1-5	292	506	318	532	130	105	22.4
1-6	310	524	336	550	130	105	22.4
1-7	328	542	354	568	130	105	24.2
1-8	346	560	372	586	130	105	24.5
1-9	364	578	390	604	130	105	24.7
1-10	382	596	408	622	130	105	25.1
1-11	400	614	426	640	130	105	25.5
1-12	422	690	448	716	150	124.5	27.8
1-13	440	708	466	734	150	124.5	28.2
1-15	476	744	502	770	150	124.5	29.1
1-17	512	780	538	806	150	124.5	31.5
1-19	548	816	574	842	150	124.5	33
1-21	584	852	610	878	150	124.5	33
1-23	620	888	646	914	150	124.5	34.9
1-25	672	990	698	1016	163.6	127.4	41.5
1-27	708	1026	734	1052	163.6	127.4	43.6
1-30	762	1080	788	1106	163.6	127.4	43.9
1-33	816	1134	842	1160	163.6	127.4	46.9
1-36	870	1188	896	1214	163.6	127.4	47.9

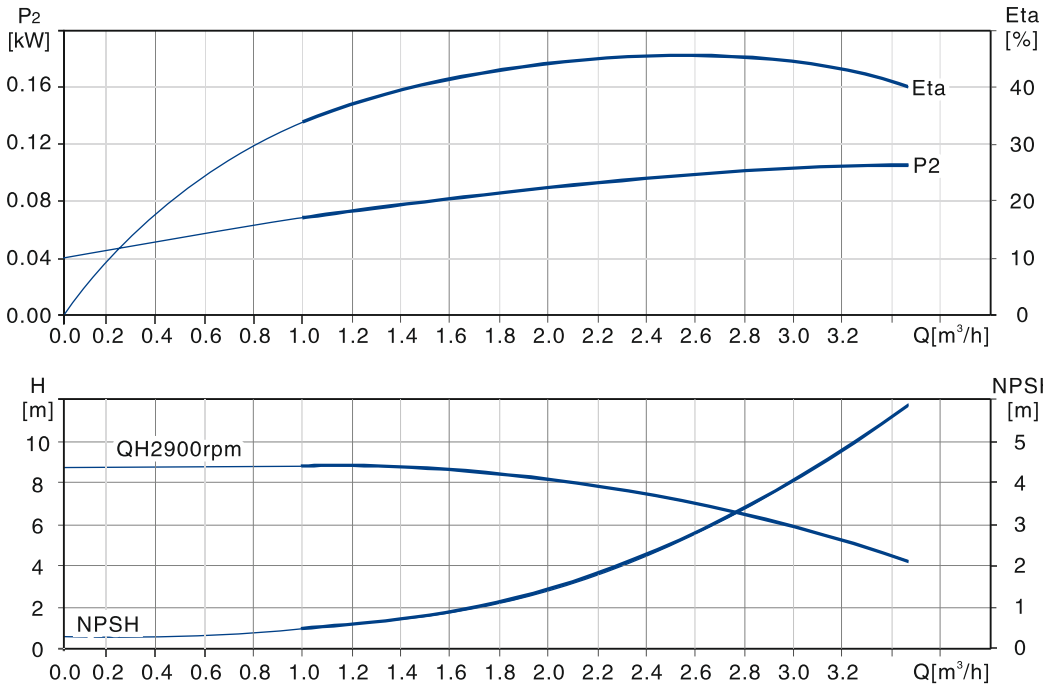
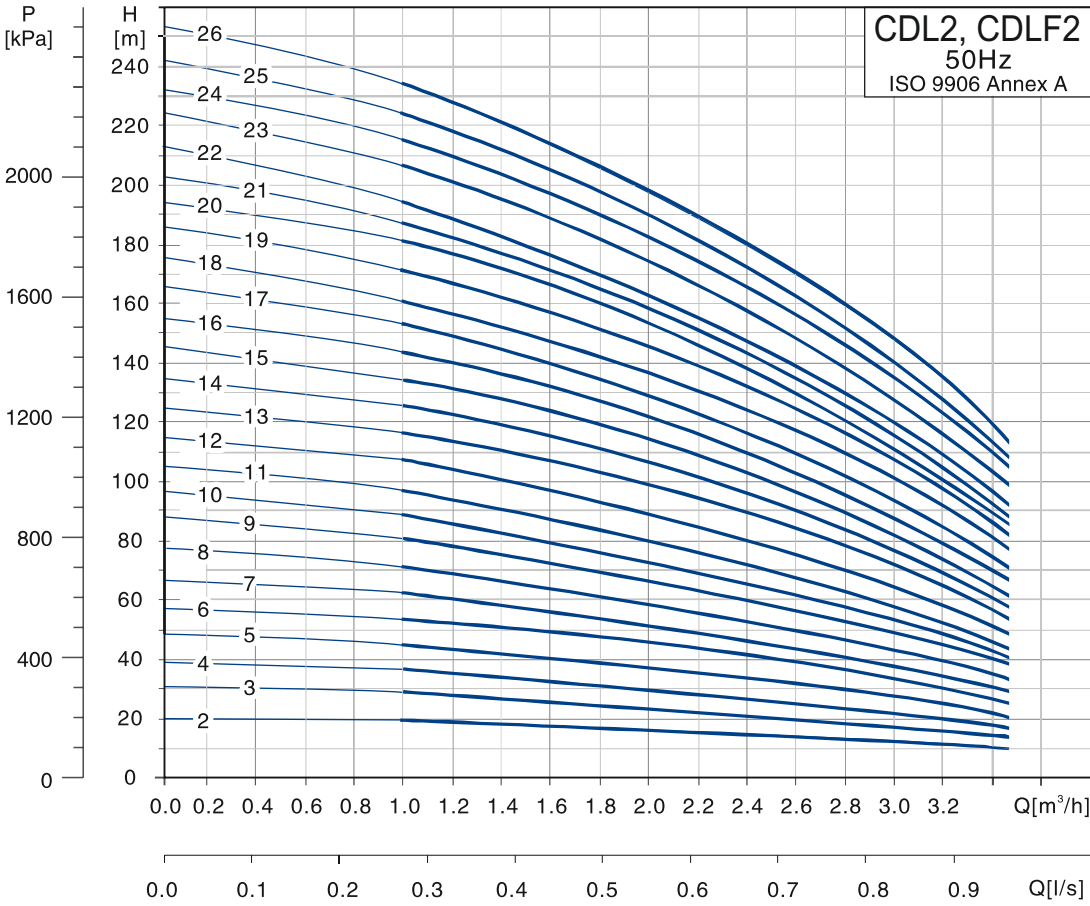
Note: B1 and B1+B2 of clamp connector and threaded connector are in compliance with that of DIN flange.



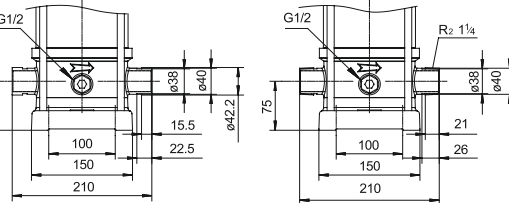
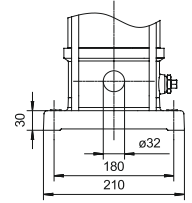
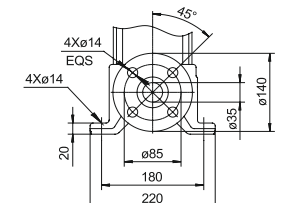
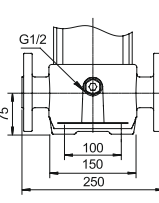
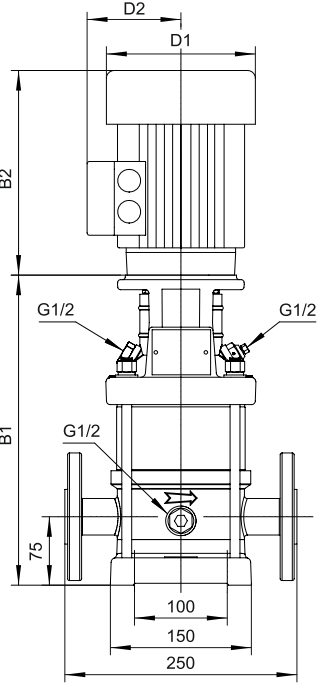
DIN FLANGE(CDL)			CLAMP CONNECTOR(CDLF)					THREADED CONNECTOR(CDLF)			
MODEL	POWER (kW)	Q(m³/h)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
1-2	0.37	H(m)	12	12	12	12	12	11	11	10	10
1-3	0.37		18	18	18	18	17	17	16	15	14
1-4	0.37		24	24	24	24	22	22	21	19	18
1-5	0.37		30	30	30	29.5	28	27	26	24	22
1-6	0.37		36	36	35	35	34	32	30	28	25
1-7	0.37		42	42	41	40.5	39	37	35	32	30
1-8	0.55		48	48	47	46.5	45	43	40	38	34
1-9	0.55		64	64	53	52	50	48	45	42	37
1-10	0.55		60	60	58	57.5	55	53	50	46	41
1-11	0.55		65	65	64	63	61	58	54	51	45
1-12	0.75		73	73	71	70	67	64	61	56	50
1-13	0.75		78	78	77	75	73	69	65	60	54
1-15	0.75		90	90	88	86	83	79	74	68	61
1-17	1.1		103	102	101	98	95	91	85	78	70
1-19	1.1		115	114	112	110	106	101	94	87	78
1-21	1.1		126	125	123	120	116	110	103	95	85
1-23	1.1		137	136	134	130	126	120	112	103	92
1-25	1.5		153	152	150	145	142	136	128	119	106
1-27	1.5	165	164	162	157	153	146	137	128	114	
1-30	1.5	182	181	178	173	169	162	152	140	126	
1-33	2.2	203	202	199	194	189	181	170	158	142	
1-36	2.2	221	220	217	210	206	197	185	170	154	

CDLF2

VERTICAL MULTISTAGE PUMP



Dimension Drawing

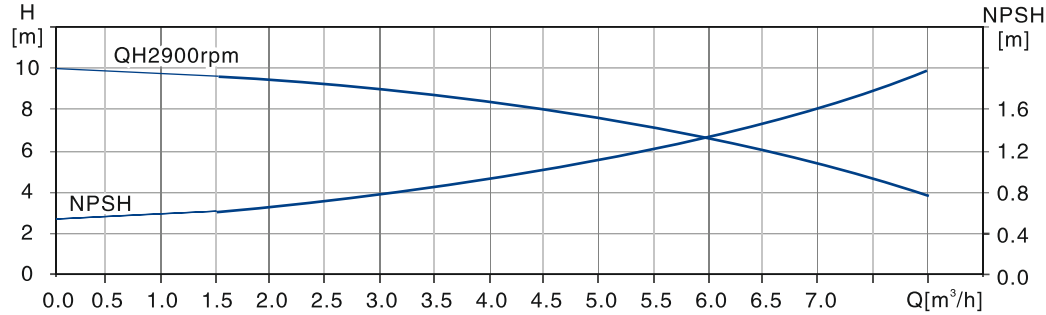
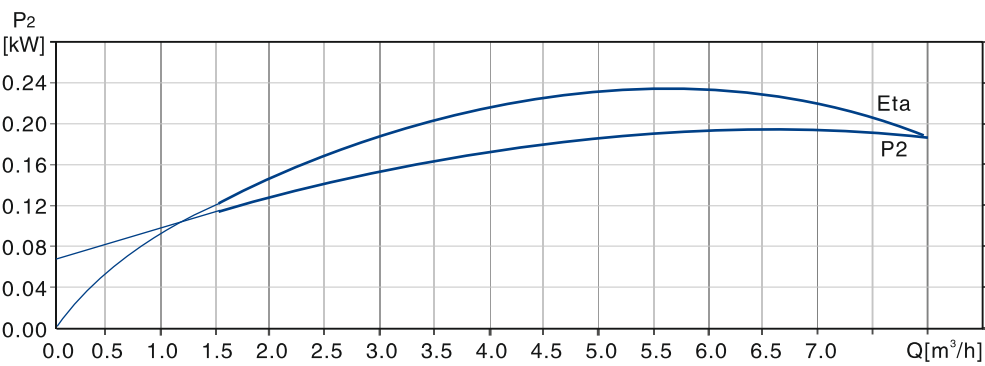
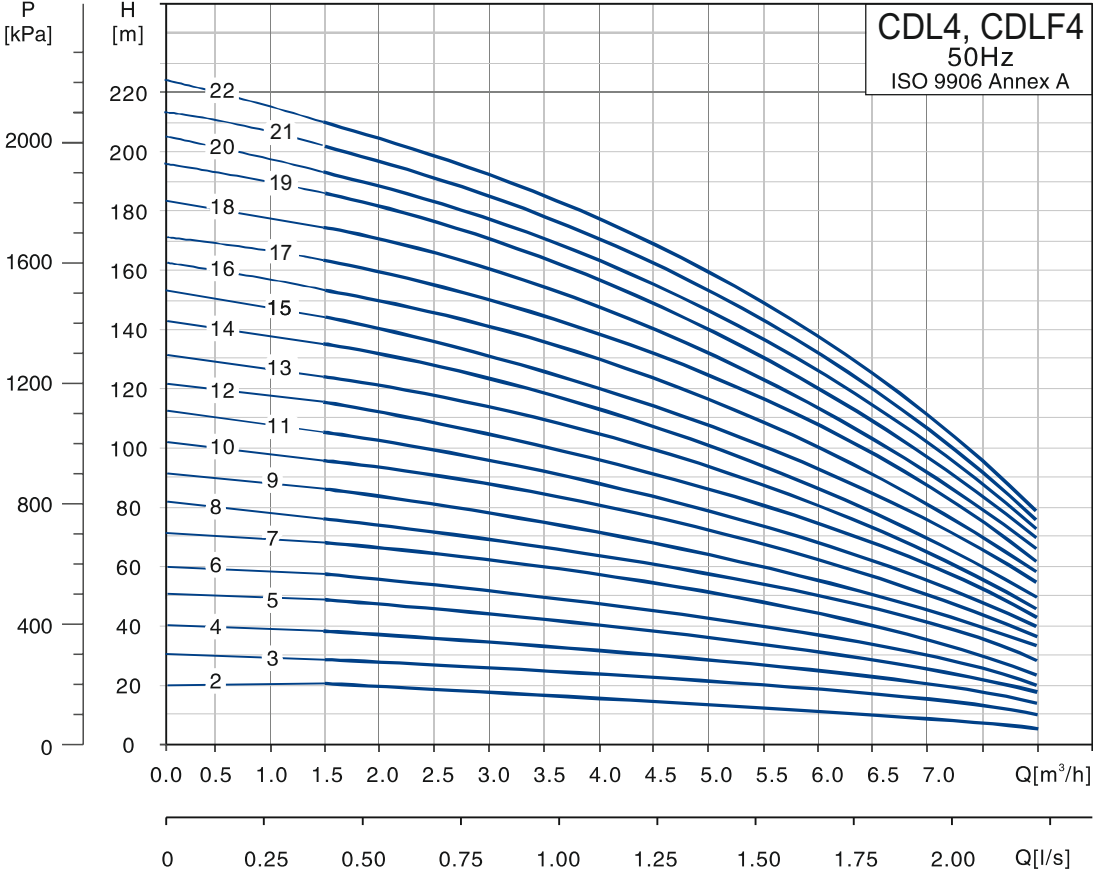


		DIN FLANGE(CDL)					CLAMP CONNECTOR(CDL)				THREADED CONNECTOR(CDLF)			
MODEL	POWER (kW)	Q(m³/h)	1.0	1.2	1.6	2.0	2.5	2.8	3.2	3.5				
2-2	0.37	H(m)	18	17	16	15.5	13.5	12	10	8				
2-3	0.37		27	26	24	22.5	19.5	18	15	12				
2-4	0.55		36	35	33	30.5	27	24	17	16				
2-5	0.55		45	43	40	37	32.5	30	24	20				
2-6	0.75		53	52	50	45.5	40	36	30	24				
2-7	0.75		63	61	57	52	45.5	41	35	28				
2-8	1.1		71	69	65	59	51	47	40	33				
2-9	1.1		80	78	73	68.5	60	54	45	37				
2-10	1.1		89	86	81	74	65	59	49	40				
2-11	1.1		98	95	89	82	71.5	64	54	44				
2-12	1.5		107	103	97	90	78	71	59	47				
2-13	1.5		116	114	106	98	86.5	78	65	52				
2-14	1.5		125	122	114	105	92	84	69	57				
2-15	1.5		134	130	123	112	98	90	73	60				
2-16	2.2		143	139	131	120	104	96	79	66				
2-17	2.2		152	148	139	128	111	102	85	70				
2-18	2.2		161	157	148	136	122	108	91	76				
2-19	2.2		170	165	156	143	128	113	95	81				
2-20	2.2		179	174	164	150	134	119	100	85				
2-21	2.2		188	183	172	157	140	124	105	88				
2-22	2.2		197	192	180	165	145	130	110	90				
2-23	3.0		205	201	188	173	153	137	105	97				
2-24	3.0		214	210	197	181	160	144	120	105				
2-25	3.0		223	219	205	189	168	151	125	107				
2-26	3.0		232	228	214	198	176	158	130	110				

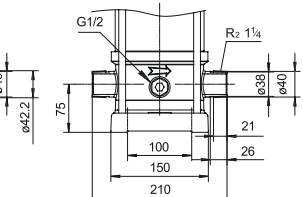
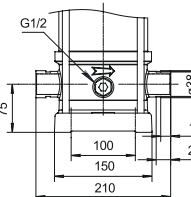
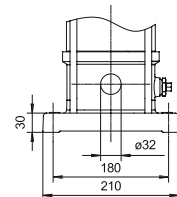
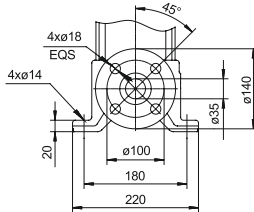
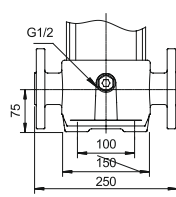
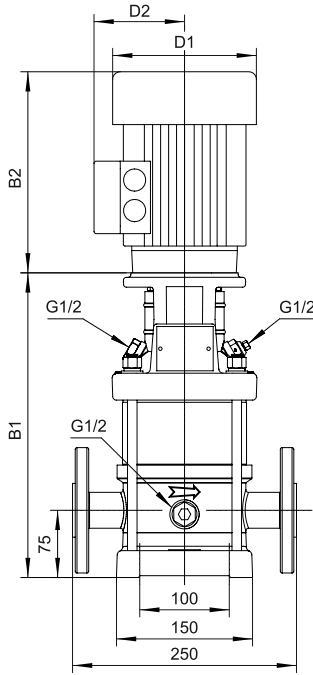
Note: B1 and B1+B2 of clamp connector and threaded connector are in compliance with that of DIN flange.

CDLF4

VERTICAL MULTISTAGE PUMP



Dimension Drawing

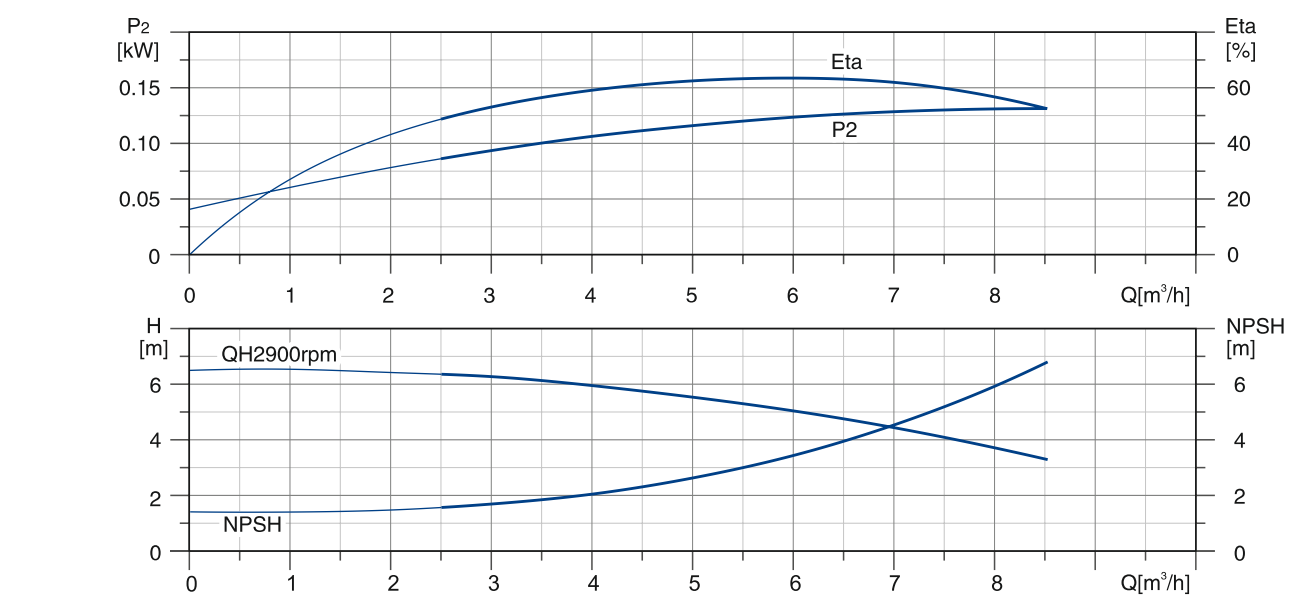
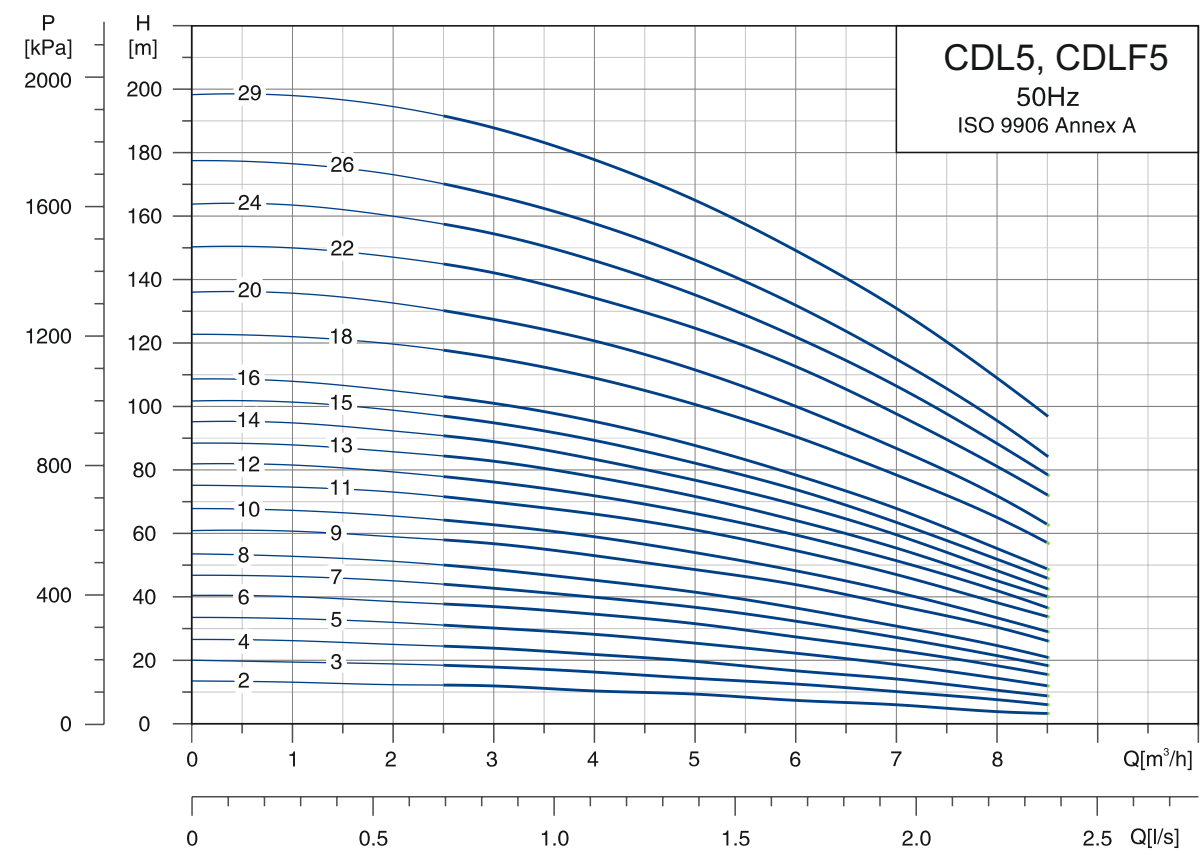


		DIN FLANGE(CDL)		CLAMP CONNECTOR(CDLF)					THREADED CONNECTOR(CDLF)	
MODEL	POWER (kW)	Q(m³/h)	1.5	2.0	3.0	4.0	5.0	6.0	7.0	8.0
4-2	0.37	H(m)	19	18	17	14.5	13	10.5	8	6
4-3	0.55		28	27	26	23.5	20	18	14	10
4-4	0.75		38	36	34	31.5	27	24.5	18	13
4-5	1.1		47	45	43	40.5	34	31.5	23	17
4-6	1.1		56	54	52	47.5	41	36	28	20
4-7	1.5		66	63	61	57	48	44.5	34	24
4-8	1.5		74	72	70	64	55	49.5	38	27
4-9	2.2		86	81	78	72	63	56	44	32
4-10	2.2		96	90	87	81	71	64	50	34
4-11	2.2		105	99	95	88	78	69	53	39
4-12	2.2		114	108	104	96	85	75	57	41
4-13	3.0		123	117	113	103	93	83	63	45
4-14	3.0		136	126	122	114	101	90	69	48
4-15	3.0		142	135	131	120	108	96	73	52
4-16	3.0		152	144	140	129	115	102	78	55
4-17	4.0		163	153	149	137	122	108	83	62
4-18	4.0		175	162	158	145	129	115	89	65
4-19	4.0		183	171	168	155	137	123	95	67
4-20	4.0		192	180	176	161	144	128	99	72
4-21	4.0		203	210	184	169	152	134	103	75
4-22	4.0		211	200	192	177	160	139	108	79

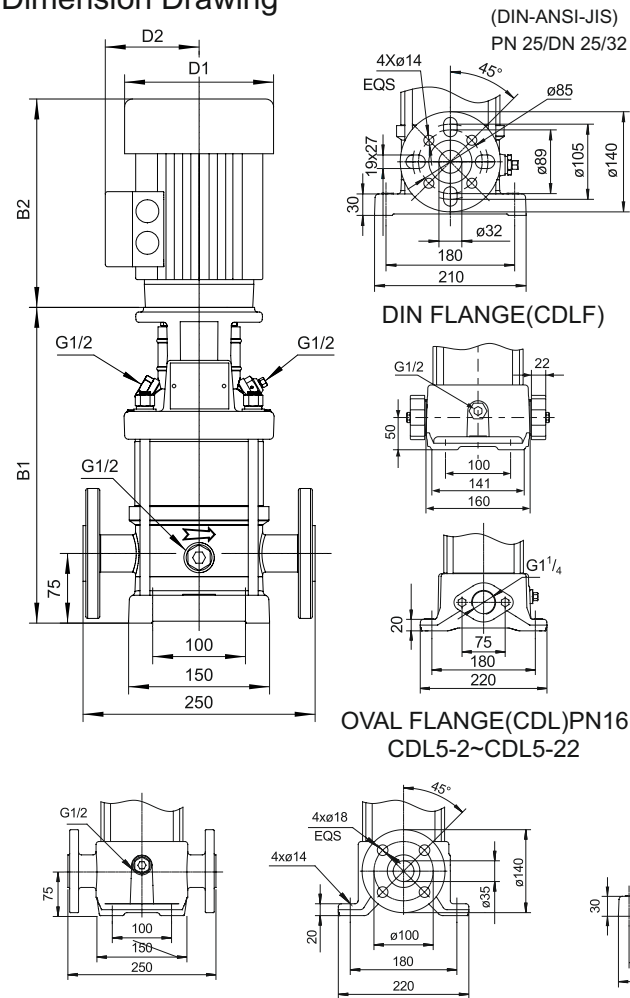
Note: B1 and B1+B2 of clamp connector and threaded connector are in compliance with that of DIN flange.

CDLF5

VERTICAL MULTISTAGE PUMP

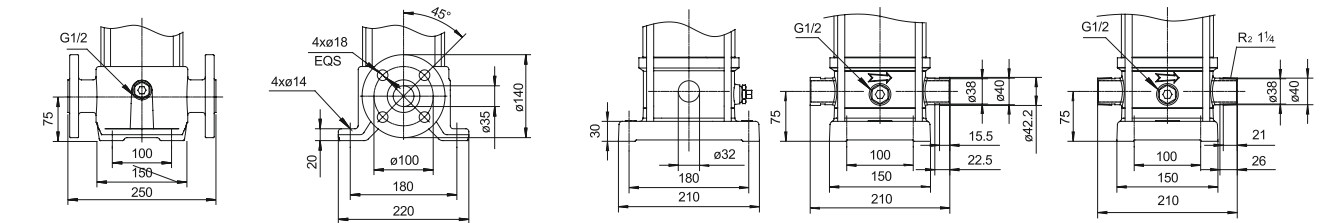


Dimension Drawing



MODEL	OVAL FLANGE (CDL)		DIN FLANGE (CDL, CDLF)		D1	D2	N.W. (kgs)
	B1	B1+B2	B1	B1+B2			
5-2	256	470	282	496	130	105	20.9
5-3	283	497	309	523	130	105	21.8
5-4	310	524	336	550	130	105	22.7
5-5	341	609	367	635	150	125	25.5
5-6	368	636	394	662	150	125	27.6
5-7	395	663	421	689	150	125	28.5
5-8	422	690	448	716	150	125	29.1
5-9	465	783	491	809	164	127	37.3
5-10	492	810	518	836	164	127	37.9
5-11	519	837	545	863	164	127	39.4
5-12	546	864	572	890	164	127	39.9
5-13	573	891	599	917	164	127	40.5
5-14	600	918	626	944	164	127	40.9
5-15	627	945	653	971	164	127	41.5
5-16	654	972	680	998	164	127	42.4
5-18	712	1052	738	1078	186	120	49.9
5-20	766	1106	792	1132	186	120	51.3
5-22	820	1160	846	1186	186	120	54.2
5-24	874	1214	900	1240	186	120	55.5
5-26	928	1268	954	1294	186	120	58.2
5-29	1009	1349	1035	1375	186	120	59.9

Note: B1 and B1+B2 of clamp connector and threaded connector are in compliance with that of DIN flange.



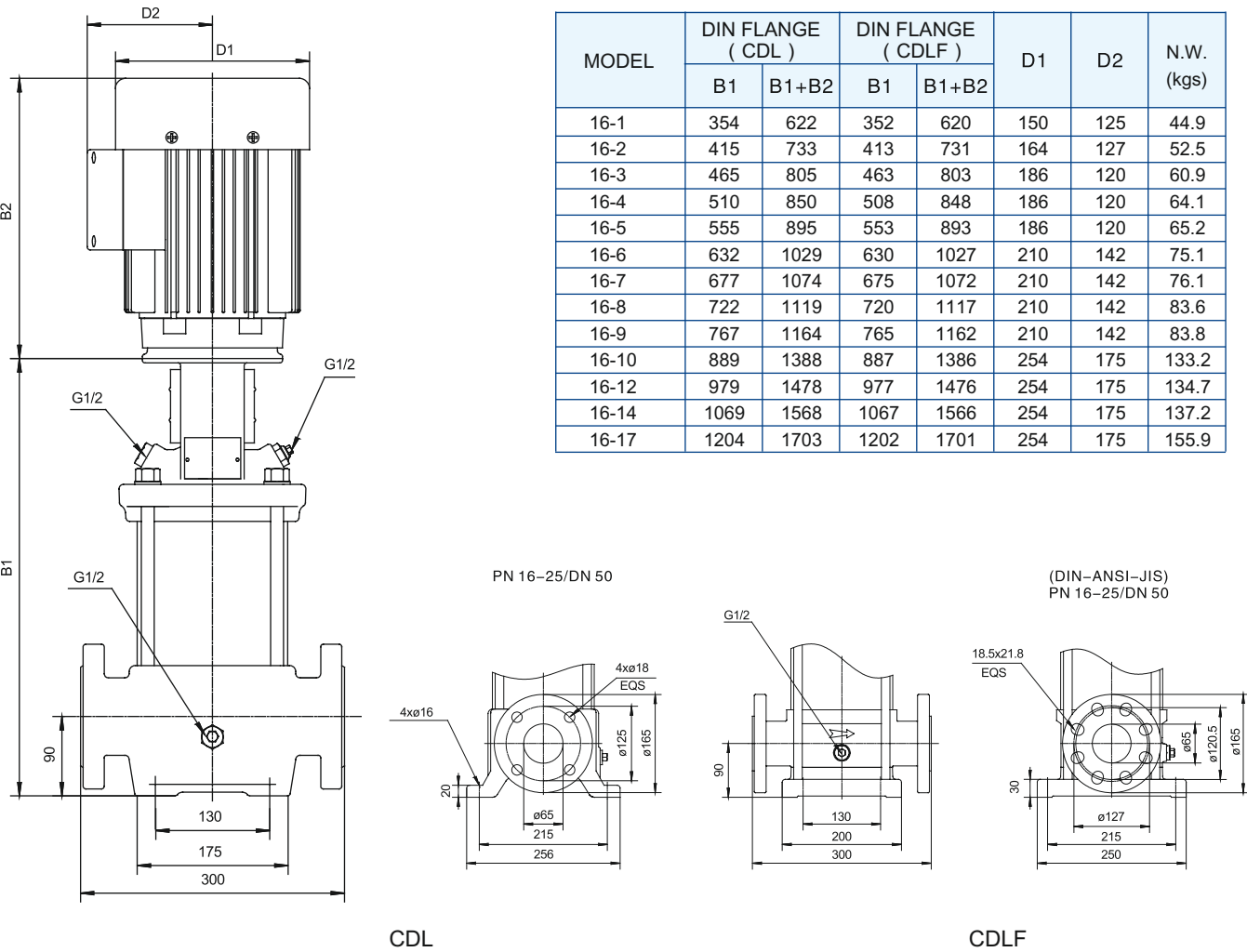
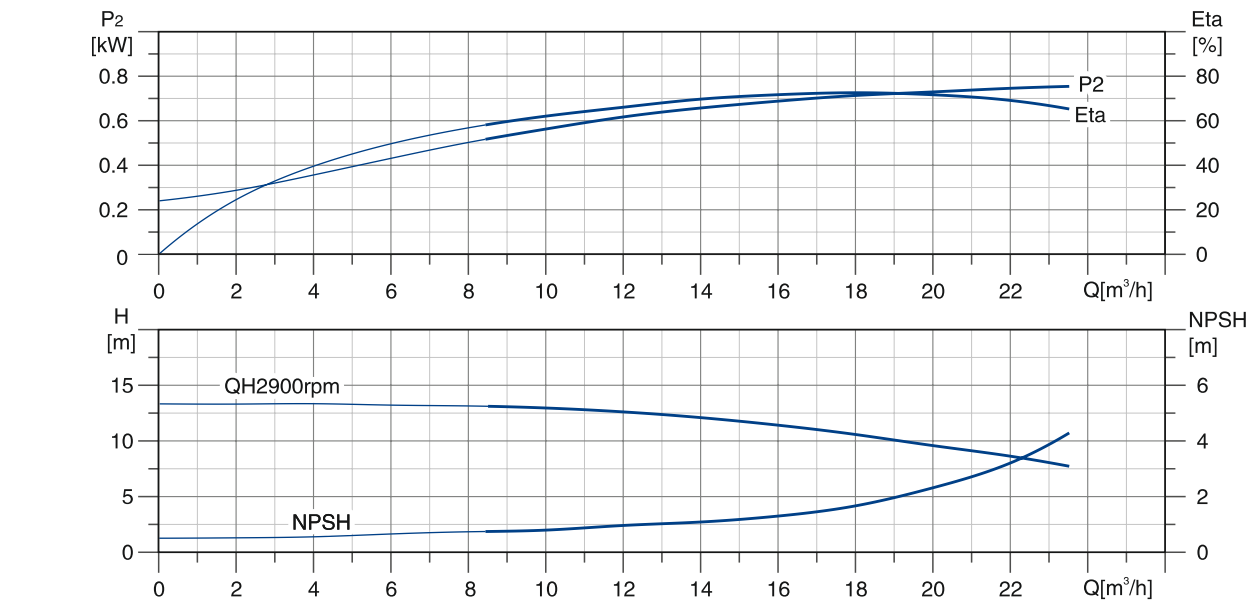
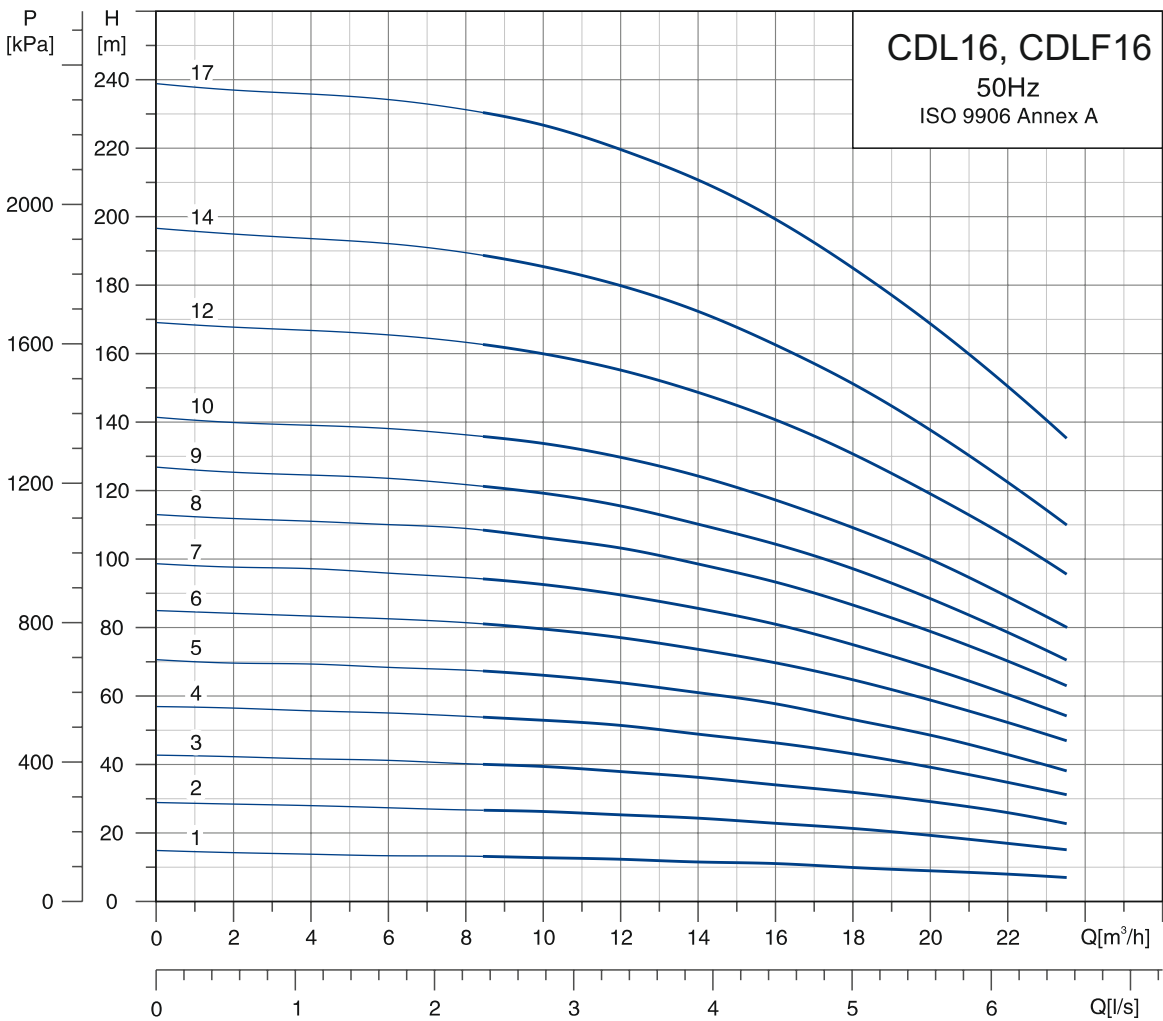
DIN FLANGE(CDL)			CLAMP CONNECTOR(CDLF)					THREADED CONNECTOR(CDLF)	
MODEL	POWER (kW)	Q(m³/h)	1.0	3.0	3.0	4.0	5.0	6.0	7.0
5-2	0.37	H(m)	13	12	12	10	9	7	6
5-3	0.55		19	19	18	16	15	12	10
5-4	0.55		26	25	24	22	19	16	14
5-5	0.75		33	32	30	28	24	22	18
5-6	1.1		40	38	37	34	28	27	23
5-7	1.1		46	45	42	40	32	32	27
5-8	1.1		53	51	48	45	40	36	31
5-9	1.5		60	59	56	53	47	44	37
5-10	1.5		67	65	62	59	53	48	41
5-11	2.2		74	73	70	66	59	54	47
5-12	2.2		81	79	76	72	63	59	51
5-13	2.2		88	85	82	78	68	64	55
5-14	2.2		95	92	89	83	74	69	60
5-15	2.2		101	99	95	89	79	74	63
5-16	2.2		108	105	101	95	85	78	68
5-18	3.0		122	119	115	109	98	90	78
5-20	3.0		135	132	127	120	108	100	87
5-22	4.0		150	147	142	134	120	112	97
5-24	4.0		163	160	154	146	132	122	106
5-26	4.0		176	173	166	157	145	132	115
5-29	4.0		198	194	188	178	155	149	131

CDLF16

VERTICAL MULTISTAGE PUMP



Dimension Drawing



MODEL	DIN FLANGE (CDL)		DIN FLANGE (CDLF)		D1	D2	N.W. (kgs)
	B1	B1+B2	B1	B1+B2			
16-1	354	622	352	620	150	125	44.9
16-2	415	733	413	731	164	127	52.5
16-3	465	805	463	803	186	120	60.9
16-4	510	850	508	848	186	120	64.1
16-5	555	895	553	893	186	120	65.2
16-6	632	1029	630	1027	210	142	75.1
16-7	677	1074	675	1072	210	142	76.1
16-8	722	1119	720	1117	210	142	83.6
16-9	767	1164	765	1162	210	142	83.8
16-10	889	1388	887	1386	254	175	133.2
16-12	979	1478	977	1476	254	175	134.7
16-14	1069	1568	1067	1566	254	175	137.2
16-17	1204	1703	1202	1701	254	175	155.9

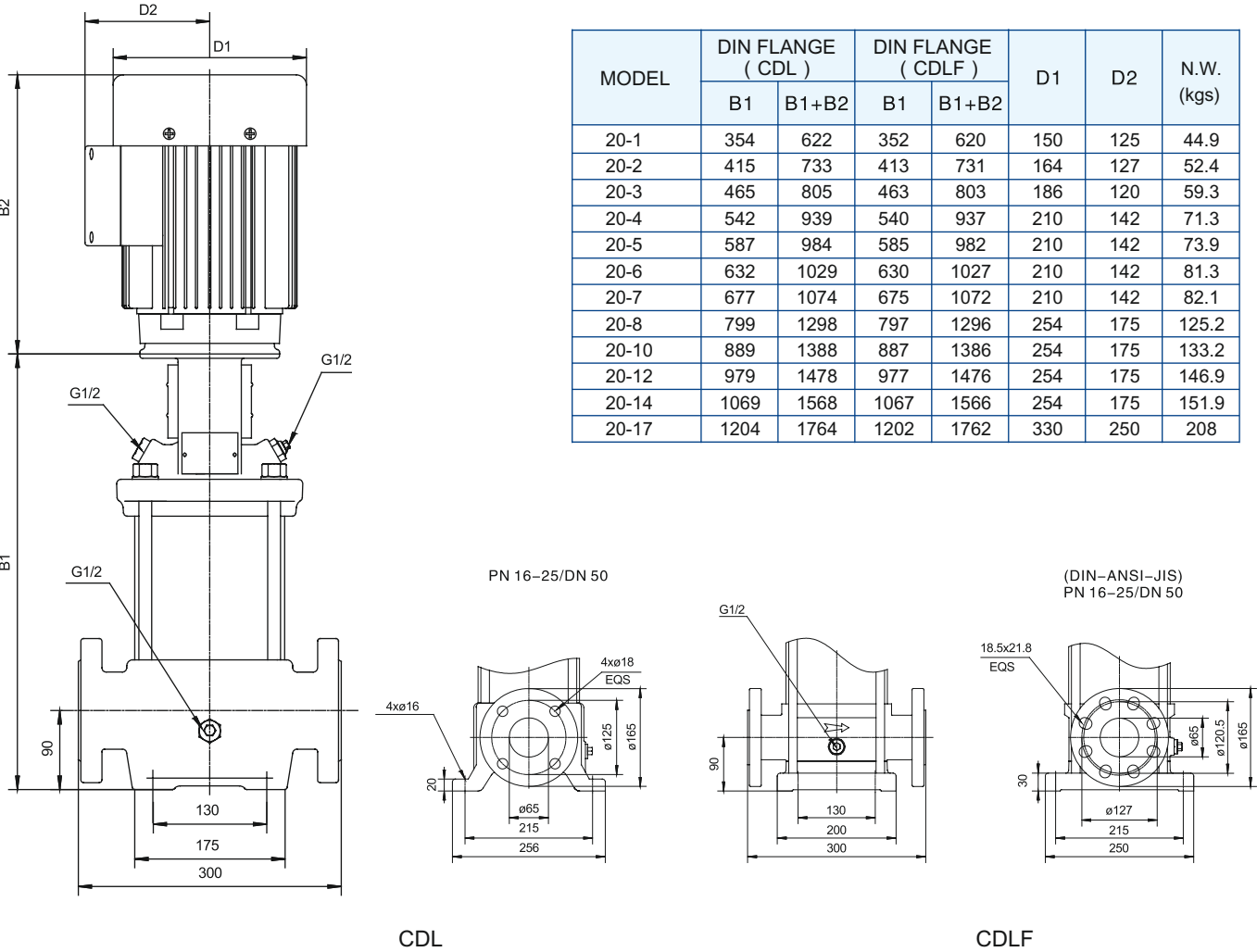
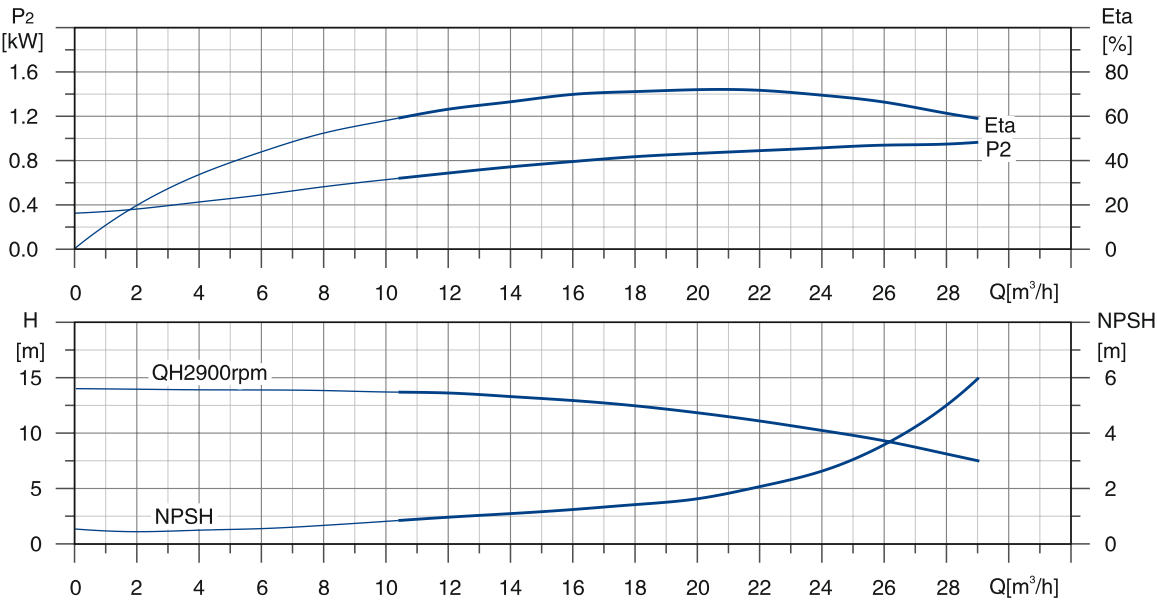
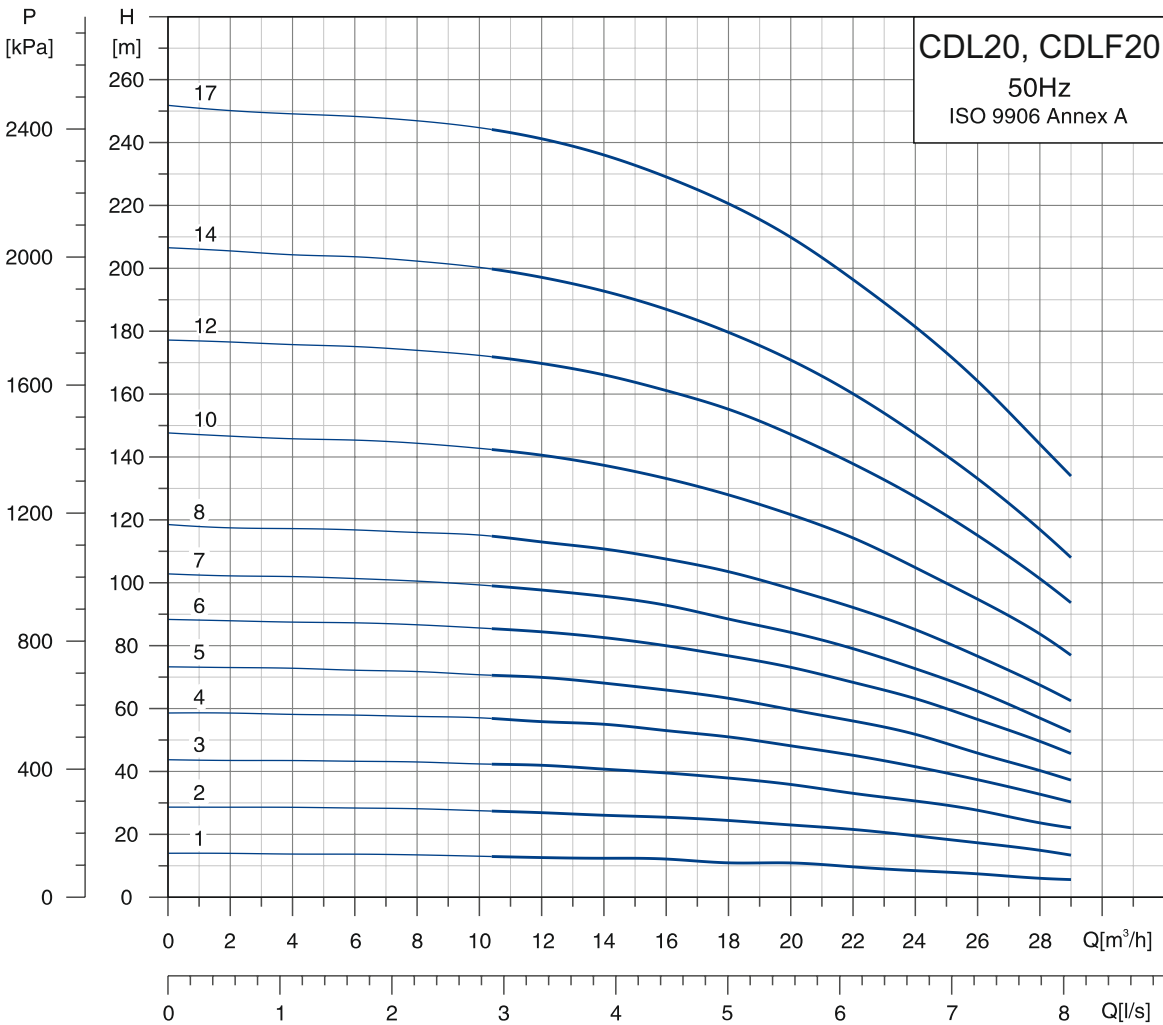
MODEL	POWER (kW)	Q(m³/h)	3	6	9	12	15	18	21
16-1	1.1	H(m)	15	13	13	12	11	10	9
16-2	2.2		28	27	26	25	23	21	18
16-3	3.0		42	41	40	38	35	32	28
16-4	4.0		58	55	55	51	47	43	38
16-5	4.0		70	68	66	64	58	53	48
16-6	5.5		83	82	80	77	71	64	58
16-7	5.5		98	96	94	89	83	75	65
16-8	7.5		112	110	108	103	96	86	75
16-9	7.5		125	123	120	115	108	97	84
16-10	11.0		140	138	136	129	120	109	95
16-12	11.0		168	165	162	155	142	130	114
16-14	11.0		194	192	188	180	166	151	130
16-17	15.0		237	234	230	219	205	185	160

CDLF20

VERTICAL MULTISTAGE PUMP



Dimension Drawing



MODEL	DIN FLANGE (CDL)		DIN FLANGE (CDLF)		D1	D2	N.W. (kgs)
	B1	B1+B2	B1	B1+B2			
20-1	354	622	352	620	150	125	44.9
20-2	415	733	413	731	164	127	52.4
20-3	465	805	463	803	186	120	59.3
20-4	542	939	540	937	210	142	71.3
20-5	587	984	585	982	210	142	73.9
20-6	632	1029	630	1027	210	142	81.3
20-7	677	1074	675	1072	210	142	82.1
20-8	799	1298	797	1296	254	175	125.2
20-10	889	1388	887	1386	254	175	133.2
20-12	979	1478	977	1476	254	175	146.9
20-14	1069	1568	1067	1566	254	175	151.9
20-17	1204	1764	1202	1762	330	250	208

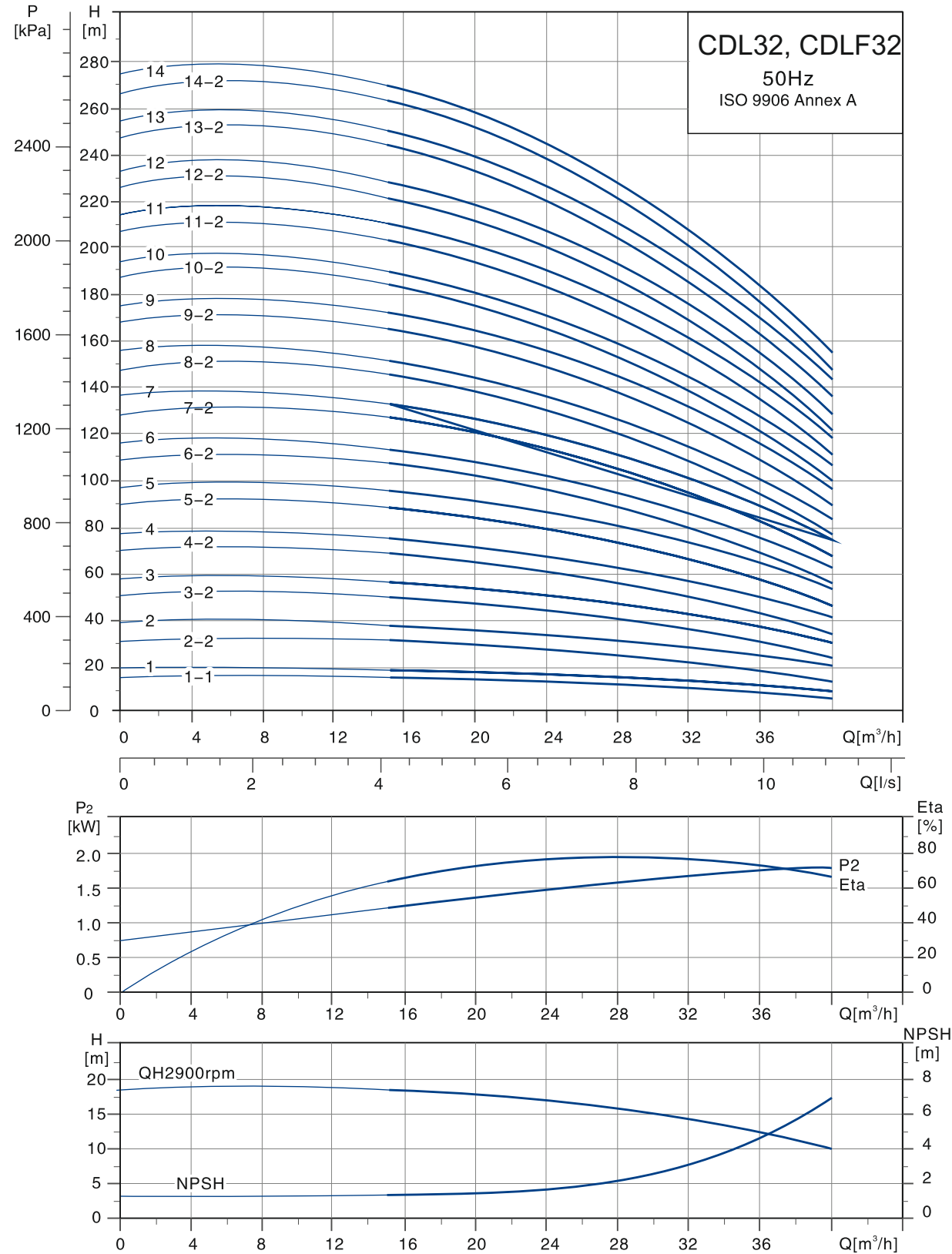
MODEL	POWER (kW)	Q(m³/h)	4	8	12	16	20	24	28
20-1	1.1	H(m)	13	13	13	12	10.5	9.5	6.5
20-2	2.2		28	28	27	25	22.5	19	15
20-3	4.0		43	43	42	39	36	30	23
20-4	5.5		58	57	56	53	48	41	32
20-5	5.5		73	72	70	66	60	52	40
20-6	7.5		87	83	84	80	72	62	49
20-7	7.5		102	100	97	93	84	72	57
20-8	11.0		117	116	113	107	96	85	67
20-10	11.0		146	144	140	132	120	105	83
20-12	15.0		175	174	169	161	144	127	101
20-14	15.0		204	202	197	187	168	147	117
20-17	18.5		249	247	241	229	208	181	144

CDLF32

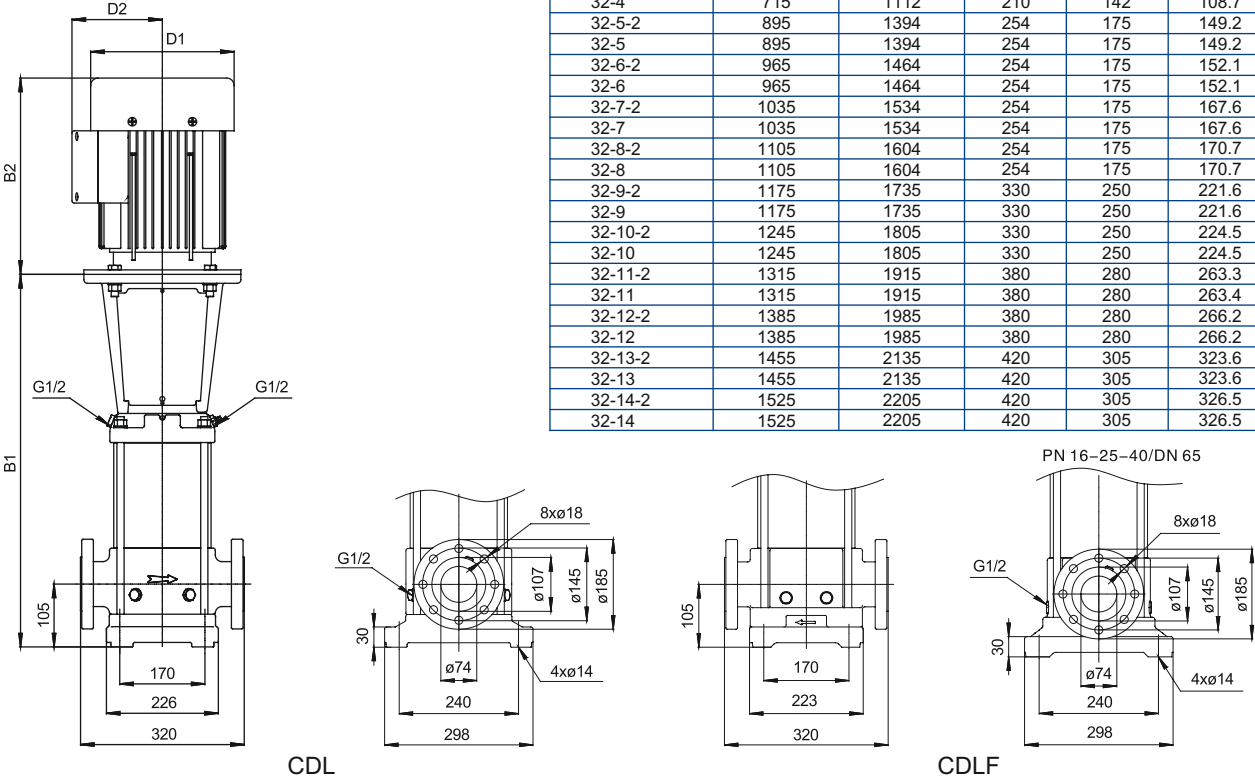
VERTICAL MULTISTAGE PUMP



Dimension Drawing



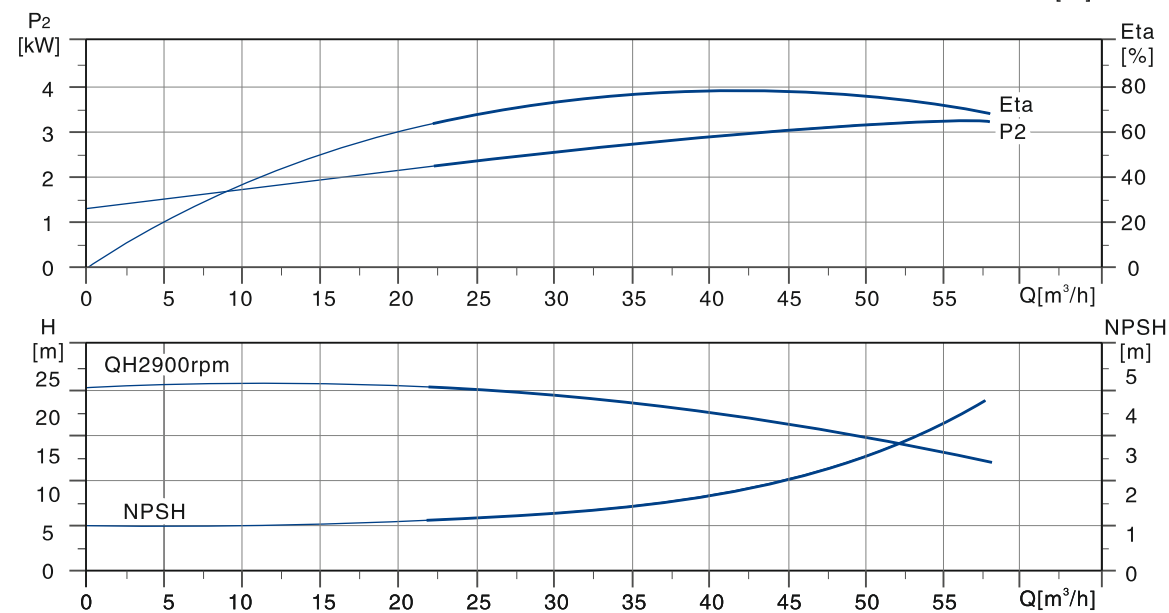
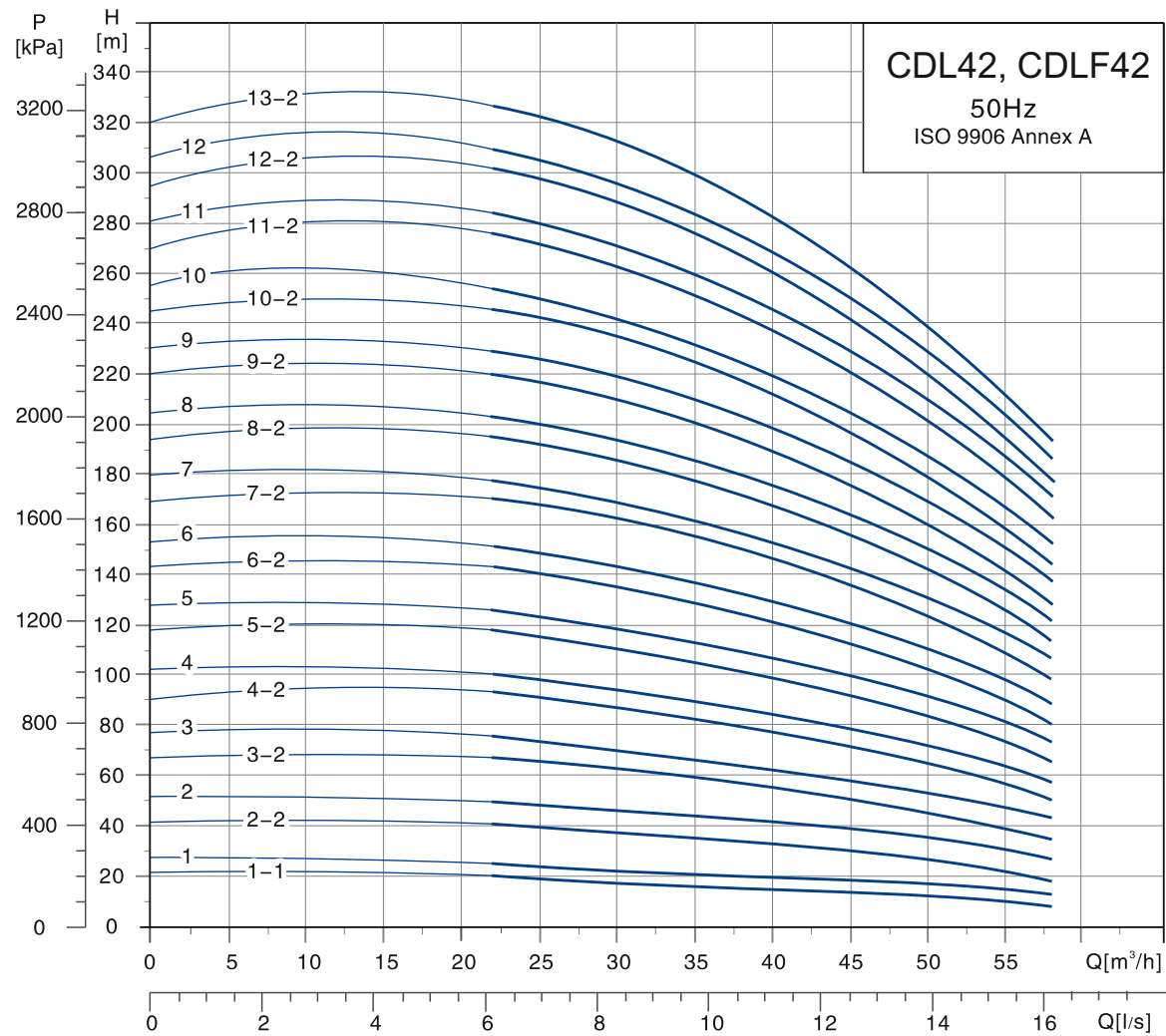
MODEL	DIN FLANGE(CDL/CDLF)		D1	D2	N.W. (kgs)
	B1	B1+B2			
32-1-1	455	773	164	127	61.7
32-1	455	773	164	127	63.7
32-2-2	525	865	186	120	72.6
32-2	525	865	186	120	74.9
32-3-2	645	1042	210	142	100.9
32-3	645	1042	210	142	100.6
32-4-2	715	1112	210	142	108.7
32-4	715	1112	210	142	108.7
32-5-2	895	1394	254	175	149.2
32-5	895	1394	254	175	149.2
32-6-2	965	1464	254	175	152.1
32-6	965	1464	254	175	152.1
32-7-2	1035	1534	254	175	167.6
32-7	1035	1534	254	175	167.6
32-8-2	1105	1604	254	175	170.7
32-8	1105	1604	254	175	170.7
32-9-2	1175	1735	330	250	221.6
32-9	1175	1735	330	250	221.6
32-10-2	1245	1805	330	250	224.5
32-10	1245	1805	330	250	224.5
32-11-2	1315	1915	380	280	263.3
32-11	1315	1915	380	280	263.4
32-12-2	1385	1985	380	280	266.2
32-12	1385	1985	380	280	266.2
32-13-2	1455	2135	420	305	323.6
32-13	1455	2135	420	305	323.6
32-14-2	1525	2205	420	305	326.5
32-14	1525	2205	420	305	326.5



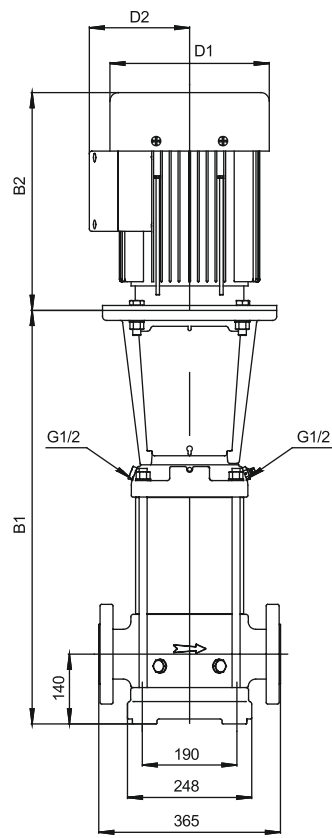
MODEL	POWER (kW)	Q(m³/h)	15	20	25	32	35	40
32-1-1	1.5	H(m)	15	14	13	10	8	5
32-1	2.2		18	17	16	13	11.5	9
32-2-2	3		31	29.5	26.5	20.5	17.5	12
32-2	4		37	35.5	32.5	27.5	25	19.5
32-3-2	5.5		50	47	43.5	35.5	31	22.5
32-3	5.5		55.5	53	49	41.5	37.5	29.5
32-4-2	7.5		68.5	65	60	49.5	44	32.5
32-4	7.5		74.5	70.5	66	56	50.5	40
32-5-2	11		88.5	84.5	78	65.5	58.5	45
32-5	11		94.5	90	84	72	65	52
32-6-2	11		107	102	94.5	79.5	71	55
32-6	11		113	108	100	85.5	77.5	61.5
32-7-2	15		127	121	112	94.5	85	66.5
32-7	15		133	126	118	101	92	73.5
32-8-2	15	H(m)	145	138	128	108	98	76.5
32-8	15		151	144	134	115	104	83
32-9-2	18.5		165	158	147	124	112	88.5
32-9	18.5		171	163	152	131	119	95.5
32-10-2	18.5		184	175	163	138	125	98.5
32-10	18.5		190	181	169	145	133	106
32-11-2	22		203	194	181	154	140	111
32-11	22		209	200	187	161	147	118
32-12-2	22		222	212	197	168	152	121
32-12	22		227	217	203	176	160	128
32-13-2	30		244	233	218	187	169	136
32-13	30		250	239	224	193	177	145
32-14-2	30		263	251	234	201	183	146
32-14	30		269	258	241	207	188	156

CDLF42

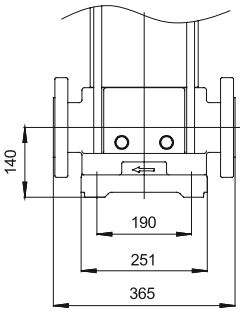
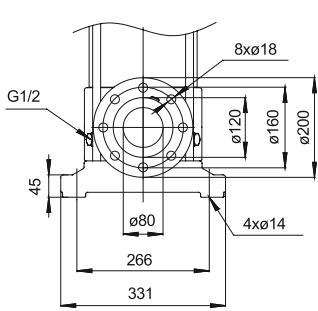
VERTICAL MULTISTAGE PUMP



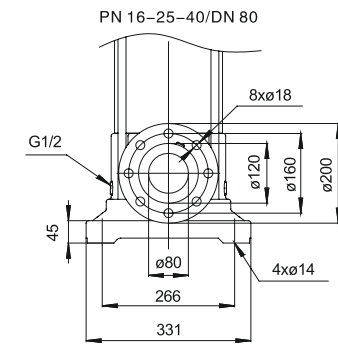
Dimension Drawing



CDL



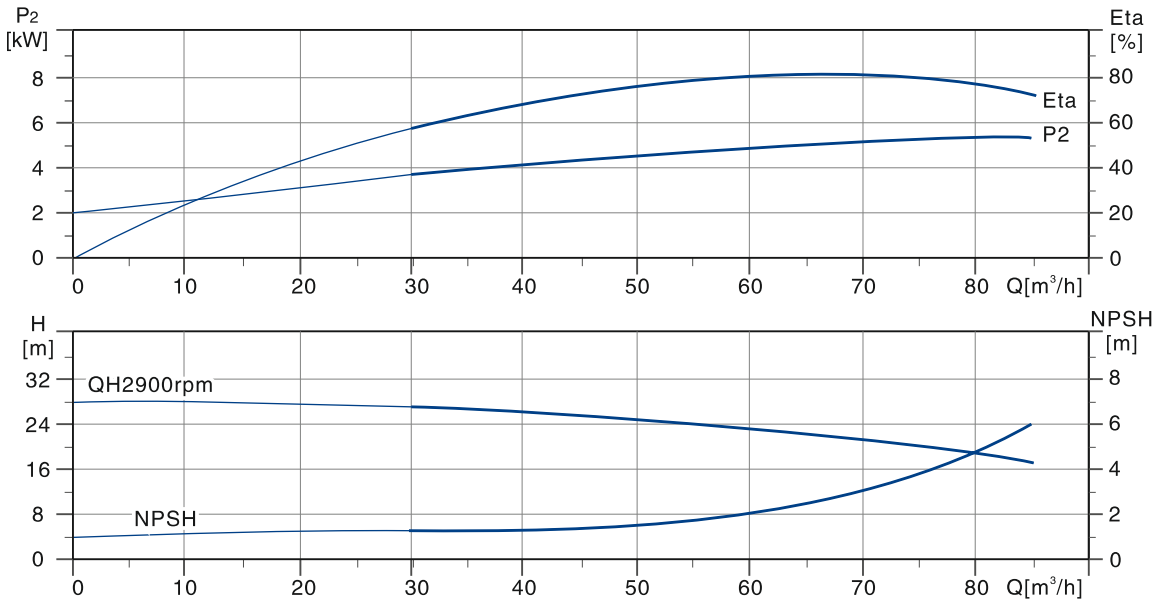
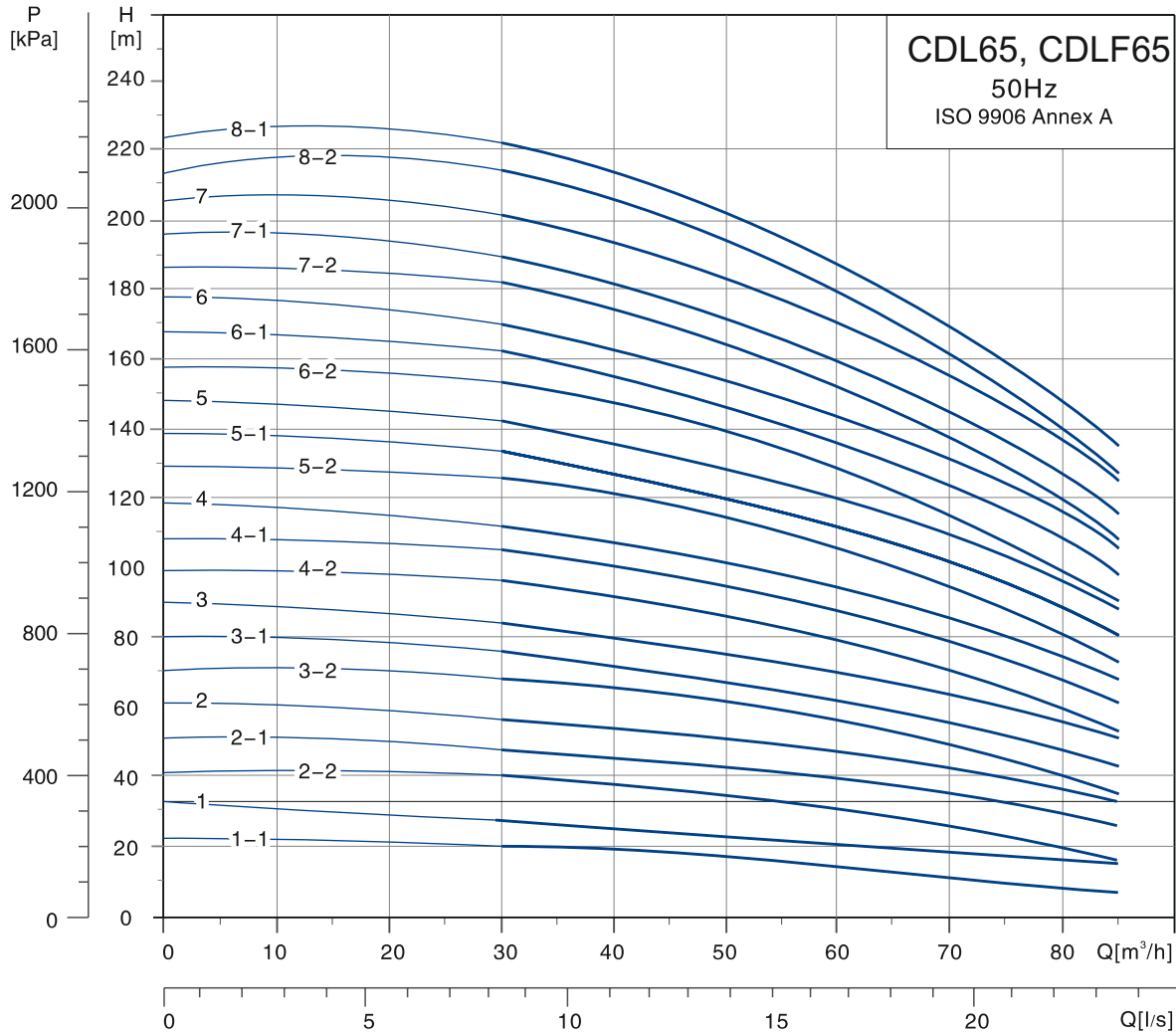
CDLF



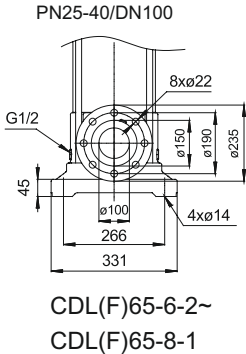
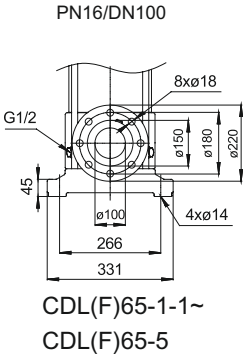
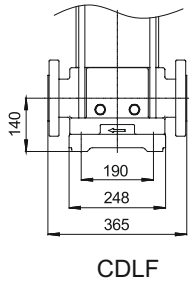
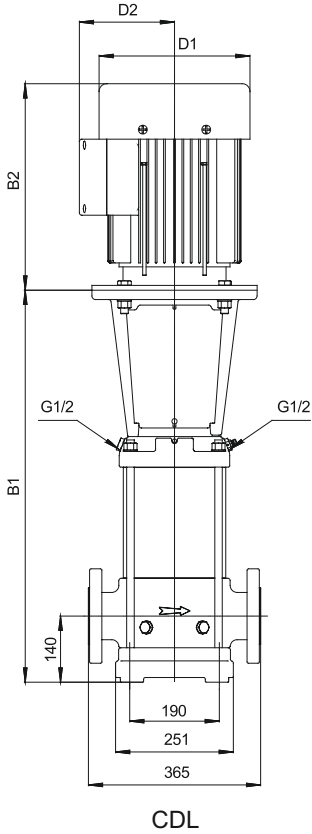
MODEL	POWER (kW)	Q(m³/h)	25	30	35	40	45	50	55
42-1-1	3	H(m)	20	19.5	18	17	15	12.5	10.5
42-1	4		24	23	22	20.5	19	17.5	15
42-2-2	5.5		41	39	37	34	30.5	26.5	22
42-2	7.5		48.5	46.5	44.5	42	39	35	31
42-3-2	11		66	64	61	56.5	52	46	40
42-3	11		73.5	71	68	64	59.5	54	47.5
42-4-2	15		91	88	84	78.5	72	64.5	56
42-4	15		98.5	95	91	85.5	79.5	72.5	64
42-5-2	18.5		116	113	107	101	92.5	83.5	73
42-5	18.5		124	120	115	108	100	91.5	81
42-6-2	22		142	137	131	122	113	103	90
42-6	22		149	144	138	130	121	111	98
42-7-2	30		168	163	156	147	135	123	109
42-7	30		176	171	163	155	144	132	116
42-8-2	30		193	187	179	168	155	142	126
42-8	30		200	194	187	176	164	149	134
42-9-2	30		217	211	202	189	175	159	142
42-9	37		226	219	210	199	185	170	151
42-10-2	37		243	236	225	212	196	179	159
42-10	37		251	243	233	220	205	187	166
42-11-2	45		273	264	253	238	222	201	179
42-11	45		281	272	261	246	230	209	187
42-12-2	45		298	289	276	261	242	220	195
42-12	45		306	296	284	268	251	229	204
42-13-2	45		323	313	300	283	263	239	212

CDLF65

VERTICAL MULTISTAGE PUMP



Dimension Drawing



MODEL	DIN FLANGE(CDL/CDLF)		D1	D2	N.W. (kgs)
	B1	B1+B2			
65-1-1	563	903	186	124	84.5
65-1	563	960	210	142	110.2
65-2-2	645	1042	210	142	117.4
65-2-1	755	1254	254	175	156
65-2	755	1254	254	175	156
65-3-2	838	1337	254	175	171.9
65-3-1	838	1337	254	175	171.9
65-3	838	1398	330	250	221
65-4-2	920	1480	330	250	223.9
65-4-1	920	1520	380	280	261
65-4	920	1520	380	280	261
65-5-2	1003	1683	420	305	321.5
65-5-1	1003	1683	420	305	321.5
65-5	1003	1683	420	305	321.5
65-6-2	1085	1765	420	305	324.5
65-6-1	1085	1765	420	305	341.2
65-6	1085	1765	420	305	341.2
65-7-2	1168	1848	420	305	344.9
65-7-1	1168	1848	420	305	345
65-7	1168	1883	470	335	407.3
65-8-2	1250	1965	470	335	410.7
65-8-1	1250	1965	470	335	410.4

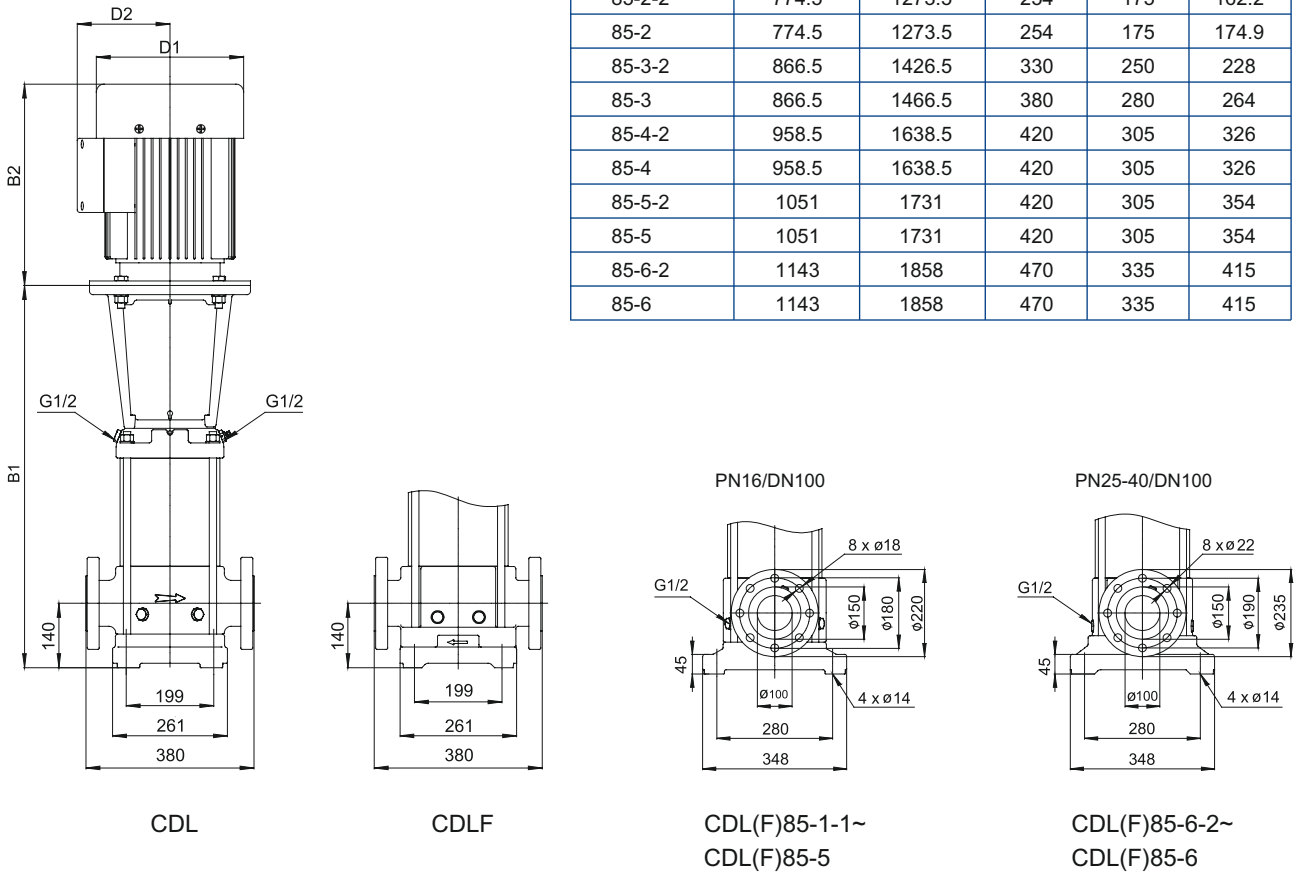
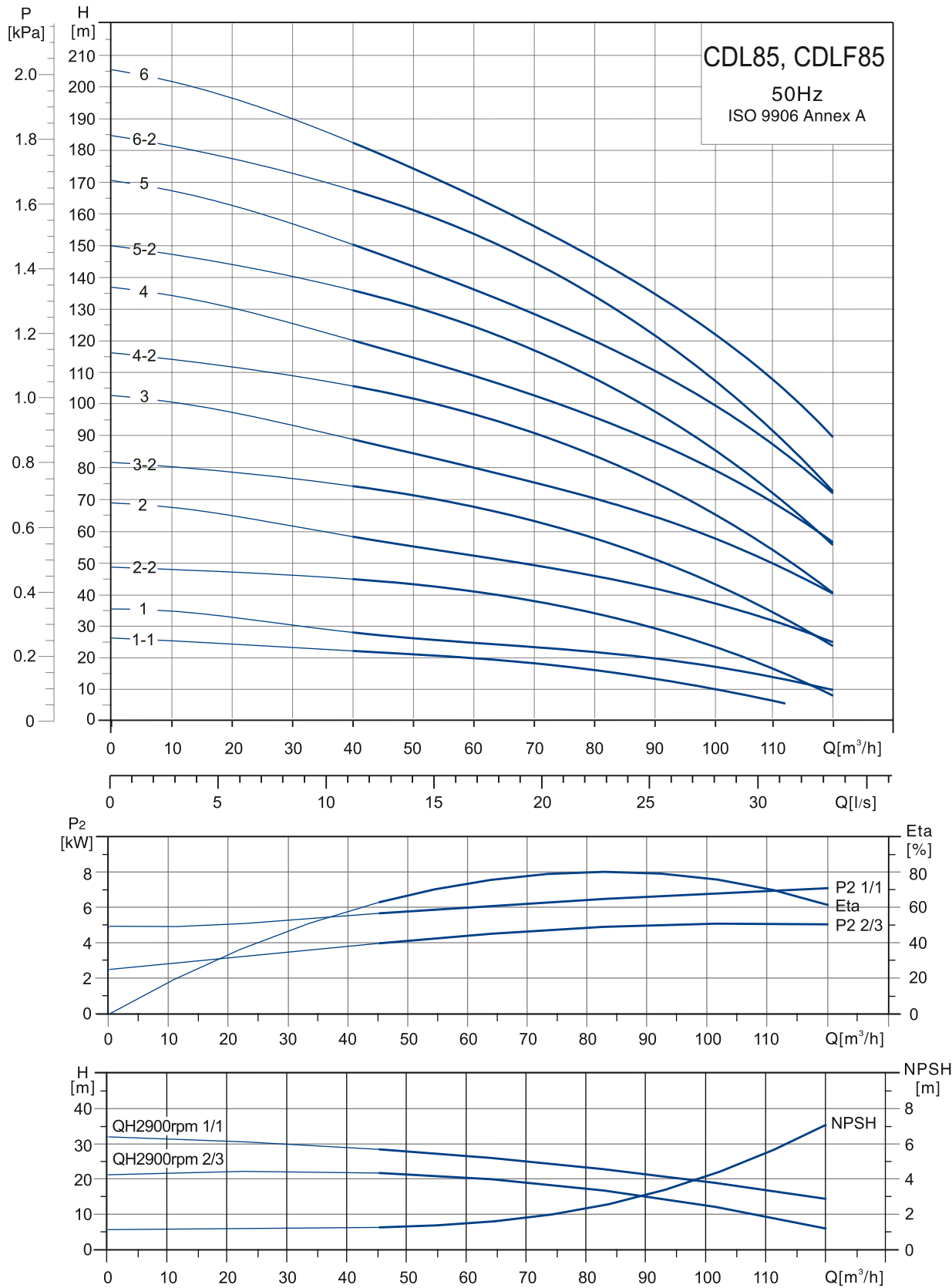
MODEL	POWER (kW)	Q(m³/h)	30	40	50	60	70	80
65-1-1	4	H(m)	20	19	17.5	15.5	12	8.5
65-1	5.5		27	25.5	23.5	21.5	20	17
65-2-2	7.5		40	38	35.5	31	25.5	19
65-2-1	11		48	45.5	42.5	38	34.5	29
65-2	11		55	52.5	49.5	44.5	41.5	36
65-3-2	15		68	65.5	60	54	48.5	40
65-3-1	15		75.5	72	67.5	60	55.5	47
65-3	18.5		83.5	80	76	66.5	64	56
65-4-2	18.5		96	92.5	87	76	70	59
65-4-1	22		104	100	94.5	82.5	78.5	67.5
65-4	22		112	107	102	89	85.5	74.5
65-5-2	30		126	122	115	100	94	80.5
65-5-1	30		134	129	122	106	102	88
65-5	30		141	136	129	113	109	96
65-6-2	30		154	148	140	122	115	99
65-6-1	37		162	156	148	129	124	108
65-6	37		170	163	155	135	131	116
65-7-2	37		182	176	166	145	138	119
65-7-1	37		190	183	173	151	145	126
65-7	45		202	194	184	163	155	136
65-8-2	45		214	207	196	172	163	140
65-8-1	45		222	214	203	180	170	148

CDLF85

VERTICAL MULTISTAGE PUMP



Dimension Drawing



MODEL	DIN FLANGE(CDL/CDLF)		D1	D2	N.W. (kgs)
	B1	B1+B2			
85-1-1	572.5	969.5	210	142	116
85-1	572.5	969.5	210	142	121.2
85-2-2	774.5	1273.5	254	175	162.2
85-2	774.5	1273.5	254	175	174.9
85-3-2	866.5	1426.5	330	250	228
85-3	866.5	1466.5	380	280	264
85-4-2	958.5	1638.5	420	305	326
85-4	958.5	1638.5	420	305	326
85-5-2	1051	1731	420	305	354
85-5	1051	1731	420	305	354
85-6-2	1143	1858	470	335	415
85-6	1143	1858	470	335	415

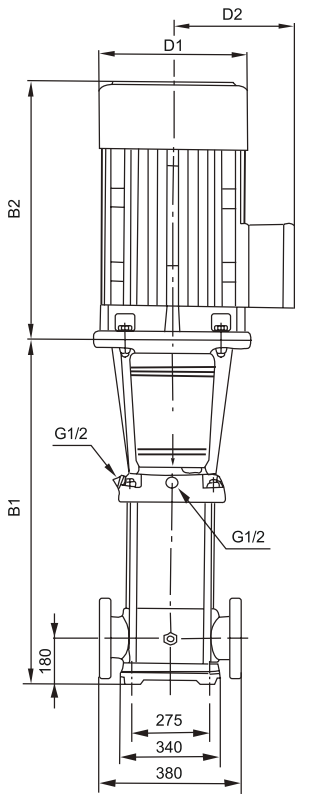
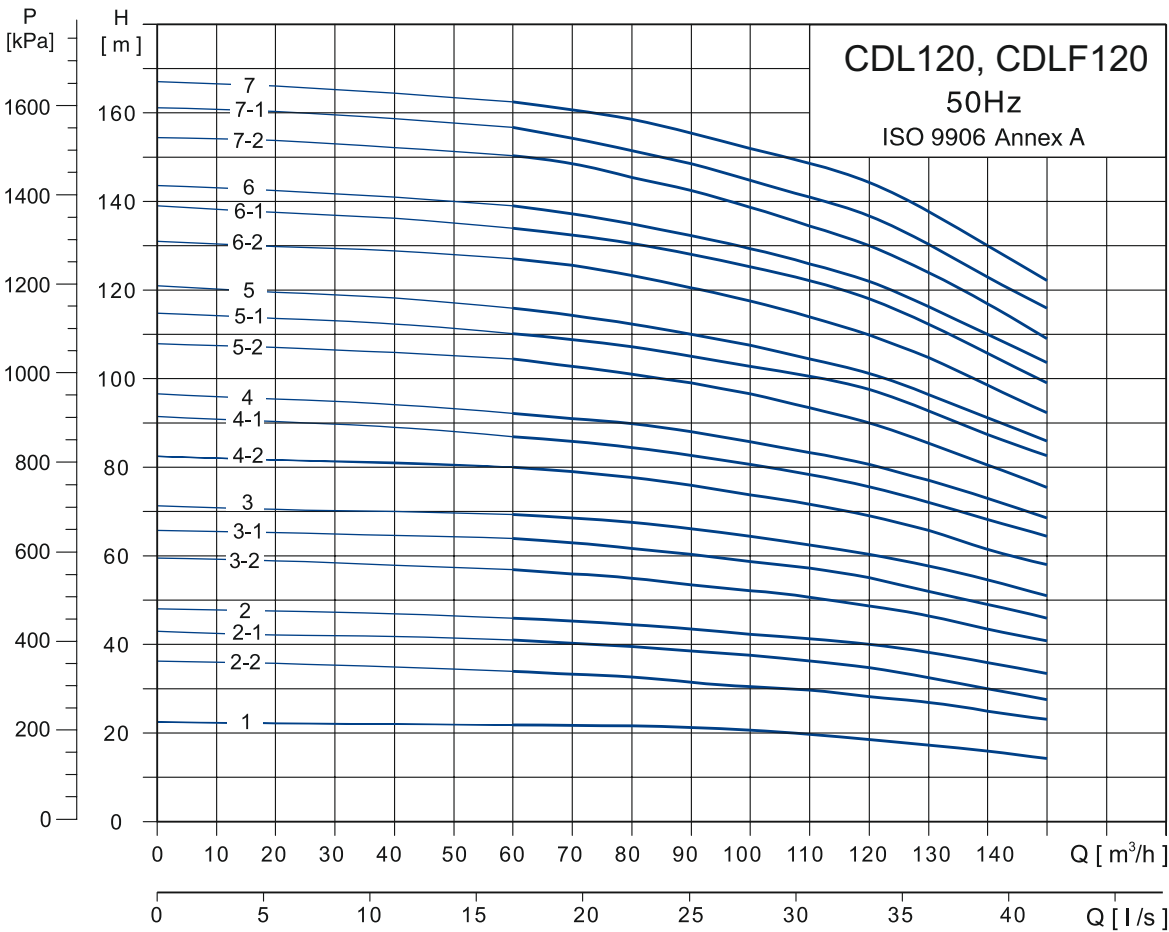
MODEL	POWER (kW)	Q(m³/h)	50	60	70	80	90	100	110
85-1-1	5.5	H(m)	21	20	18	16	14	10.5	6.5
85-1	7.5		26	25	23.5	22	20	17.5	14
85-2-2	11		43	41	38	34.5	30	24	17
85-2	15		55	52	49	46	42.5	37.5	31.5
85-3-2	18.5		71.5	68	63.5	58	51.5	44	35
85-3	22		84.5	80	75.5	70.5	65	58.5	50.5
85-4-2	30		102	97	91	84.5	76	65.5	54
85-4	30		114	109	103	96	88.5	79.5	69.5
85-5-2	37		131	125	118	109	98.5	86.5	72
85-5	37		144	136	129	121	111	101	87
85-6-2	45		161	154	145	135	123	108	91.5
85-6	45		175	166	156	146	135	123	108

CDLF120

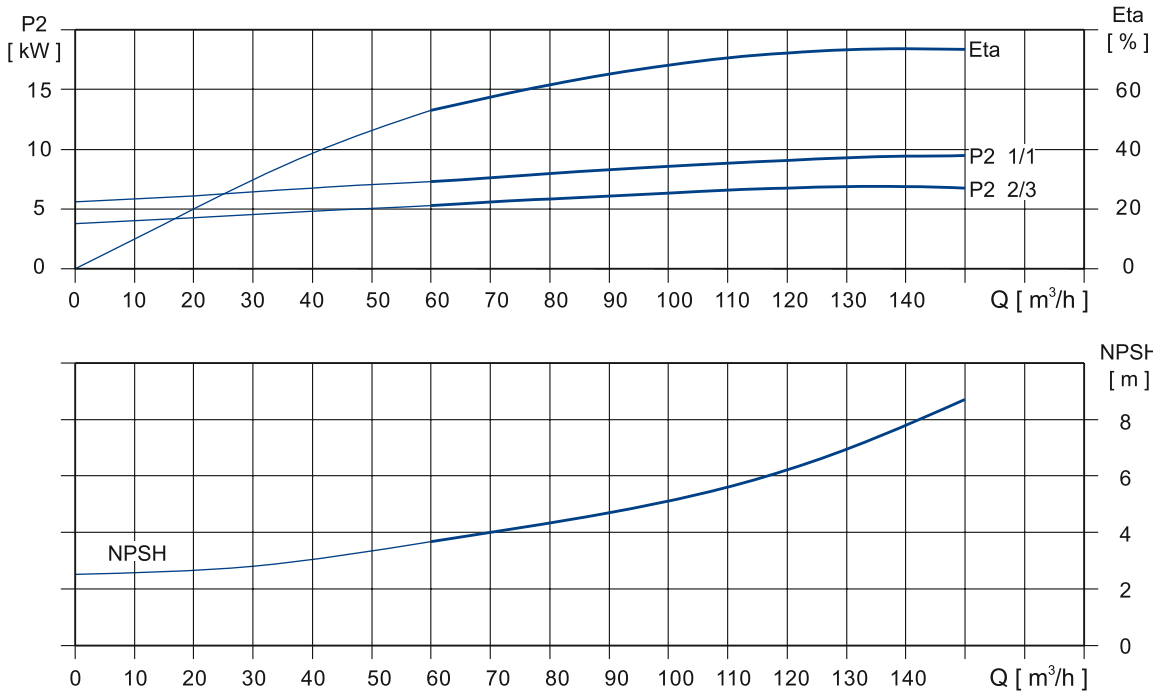
VERTICAL MULTISTAGE PUMP



Dimension Drawing



MODEL	DIN FLANGE(CDL/CDLF)		D1	D2	N.W. (kgs)
	B1	B1+B2			
120-1	840	1339	254	175	186
120-2-2	1000	1499	254	175	210
120-2-1	1000	1560	330	250	250
120-2	1000	1600	380	280	285
120-3-2	1160	1840	420	305	326
120-3-1	1160	1840	420	305	360
120-3	1160	1840	420	305	360
120-4-2	1320	2000	420	305	400
120-4-1	1320	2000	420	305	400
120-4	1320	2035	470	335	460
120-5-2	1480	2195	470	335	470
120-5-1	1480	2195	470	335	470
120-5	1510	2295	510	370	575
120-6-2	1670	2455	510	370	585
120-6-1	1670	2455	510	370	585
120-6	1670	2515	580	410	705
120-7-2	1830	2675	580	410	715
120-7-1	1830	2675	580	410	715
120-7	1830	2675	580	410	715



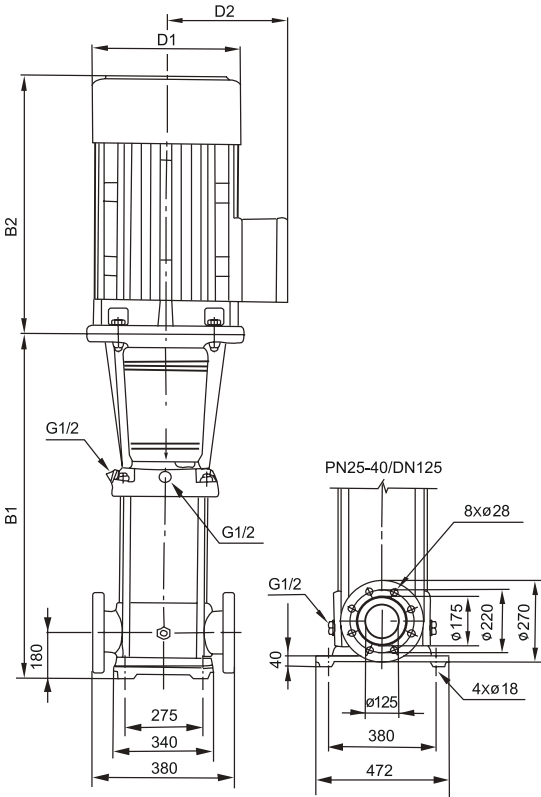
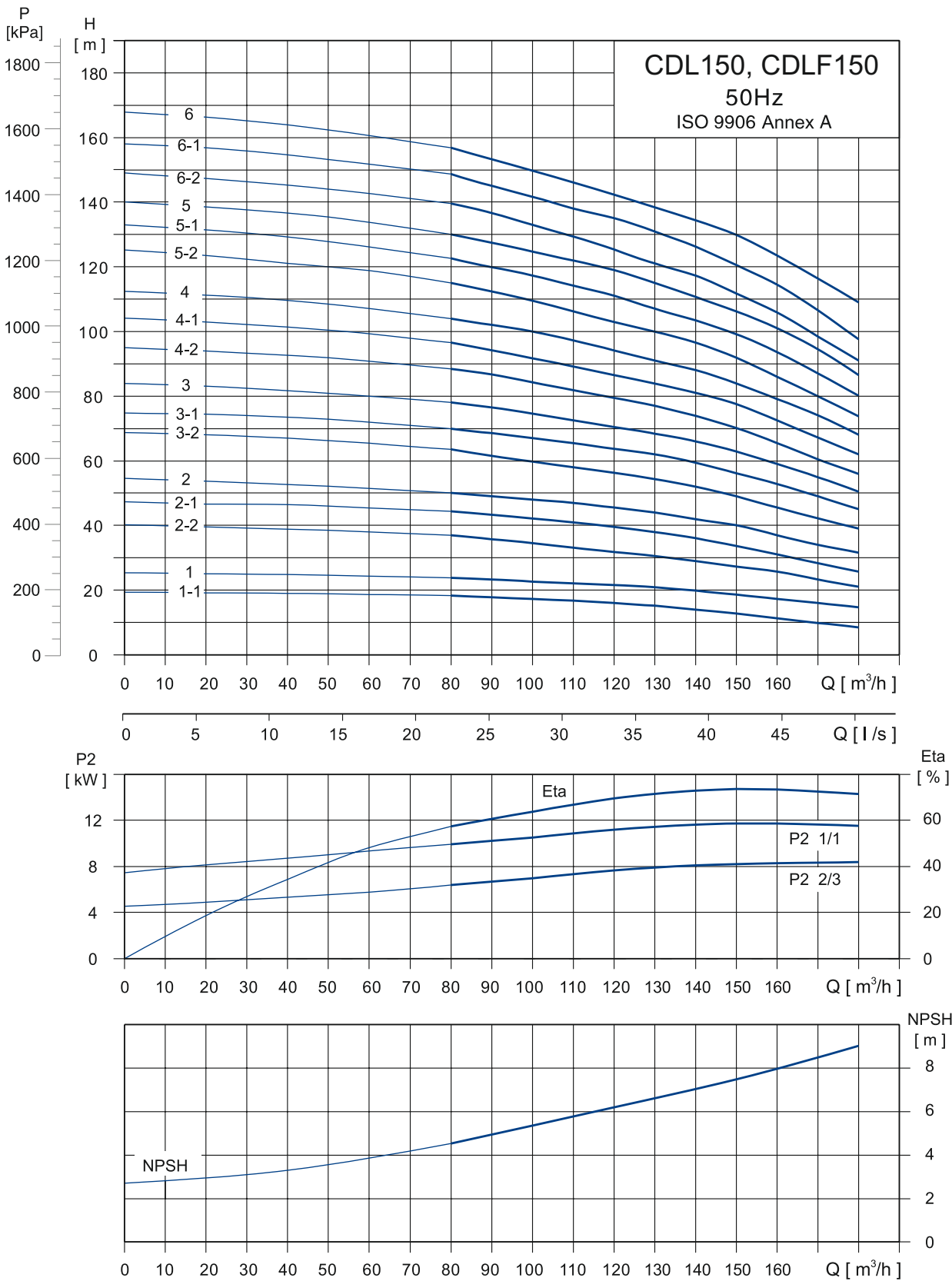
MODEL	POWER (kW)	Q(m³/h)	60	70	80	90	100	110	120	130	140	150
120-1	11	H(m)	22	21.8	21.6	21	20.5	19.5	18.5	17	16	15
120-2-2	15		34	33.6	33	31	30.2	30	28.5	27	25	24
120-2-1	18.5		41	40	39.5	38.5	37	36.5	34.5	32.5	30	27.5
120-2	22		46	45	44.5	43.5	42.4	41	40	38	36	33.5
120-3-2	30		57	56	55	53.5	52	51	49	46.5	43.5	41
120-3-1	30		64	63	62	60	58.5	57.5	55.5	52	49	46
120-3	30		69.5	68.5	67.5	66	64.4	62.5	61	57.5	54.5	51
120-4-2	37		80.5	79	78	76	73.5	72	69	66	61.5	58
120-4-1	37		87	86	84.5	82	80	78	76	72	68	64.5
120-4	45		92.5	91	90	88	85.5	83	81	77	73	68.5
120-5-2	45		104.5	103	101	99	96	93	90	85.5	80.5	75.5
120-5-1	45		110.5	109	107.5	105	102	100	97	92	86.5	83
120-5	55		115.5	114	113	110	107.5	104.5	101.5	96	91	86
120-6-2	55		128	125.5	123	121	117.3	113.5	110	104.5	98.5	92.5
120-6-1	55		134	132	130.5	127	124	121	118	111	105	100
120-6	75		139	137	135	132	128.8	126	123	116	110	104
120-7-2	75		151	148	145.5	143	138.6	134	130	123.5	116.5	109
120-7-1	75		156.5	154	152	148.5	144.5	141	137.5	130	123	116.5
120-7	75		162.5	160.5	158.5	155	151	148	145	137	129	123

CDLF150

VERTICAL MULTISTAGE PUMP



Dimension Drawing



MODEL	DIN FLANGE(CDL/CDLF)		D1	D2	N.W. (kgs)
	B1	B1+B2			
150-1-1	840	1339	254	175	186
150-1	840	1339	254	175	200
150-2-2	1000	1560	330	250	250
150-2-1	1000	1600	380	280	295
150-2	1000	1680	420	305	317
150-3-2	1160	1840	420	305	360
150-3-1	1160	1840	420	305	360
150-3	1160	1840	420	305	385
150-4-2	1320	2035	470	335	460
150-4-1	1320	2035	470	335	460
150-4	1350	2135	510	370	560
150-5-2	1510	2295	510	370	570
150-5-1	1510	2355	580	410	690
150-5	1510	2355	580	410	690
150-6-2	1670	2515	580	410	700
150-6-1	1670	2515	580	410	700
150-6	1670	2515	580	410	700

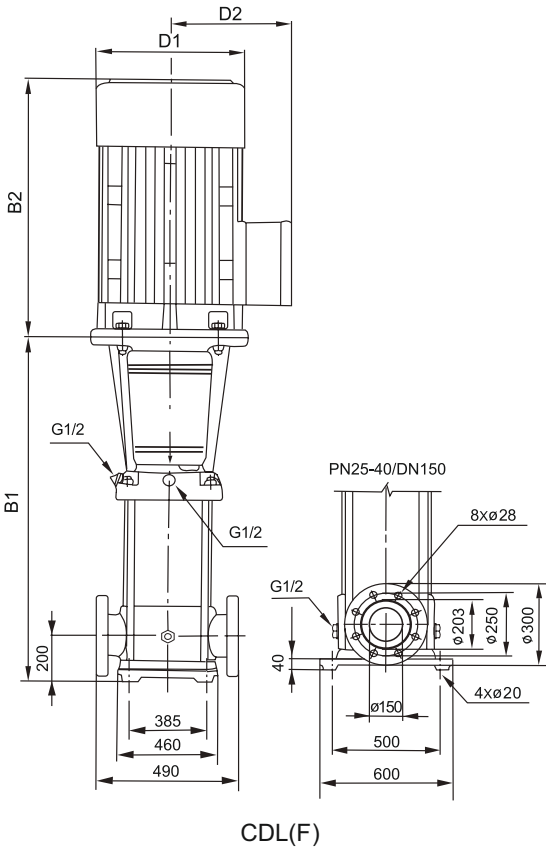
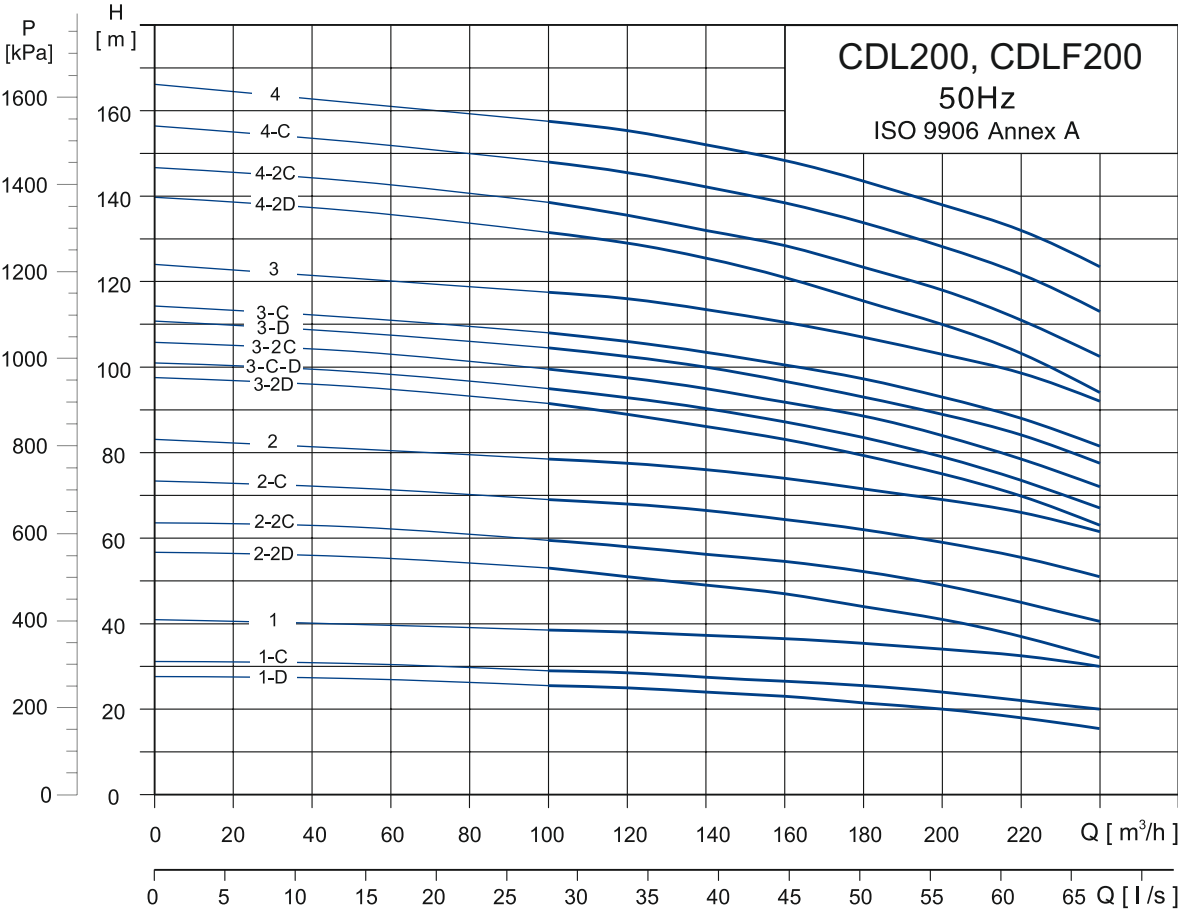
MODEL	POWER (kW)	Q(m³/h)	80	90	100	110	120	130	140	150	160	170	180
150-1-1	11	H(m)	18.3	17.8	17.3	17	16	15	14	12.5	11	10	8.5
150-1	15		24	23	22.5	22	21.5	20.5	20	18.5	17	16	15
150-2-2	18.5		37	35.5	34	33	32	31	29	27.5	26	23	21
150-2-1	22		44.3	43	42	40	39	38.5	37.5	35	33	30	27
150-2	30		50	49	48	47	45.5	44	42	40	37	34	32
150-3-2	30		63.5	61	59	57.5	56	54.5	53	49	45.5	42	39
150-3-1	30		70	68	67	65	63	62	60	56	53	49	45
150-3	37		78	76.5	75	73	70.5	68	66	63	59	55	50.5
150-4-2	37		89	87	84	81.5	79	77	74.5	70.5	65.5	60	56
150-4-1	45		96.5	94	91.5	89	86.5	84	81.5	77	72.5	67	62
150-4	45		104	102	100	97	95	91	88	84	79.5	74	68
150-5-2	55		115.5	112	109	106	102.5	100	97	92	86	79	73.5
150-5-1	55		122.5	119.5	117	113.5	111.5	107.5	104.5	99	93.5	87	80
150-5	75		130	127.5	125	121	119	115	111.5	106.5	101	94.5	86.5
150-6-2	75		140	137	133	130	126	121	118	112	106	98	91
150-6-1	75		148.5	145	141.7	137.5	135	131	127	120.5	114.5	106.5	97.5
150-6	75		157	153	149	145	142	139.5	137	130	123.5	116	109

CDLF200

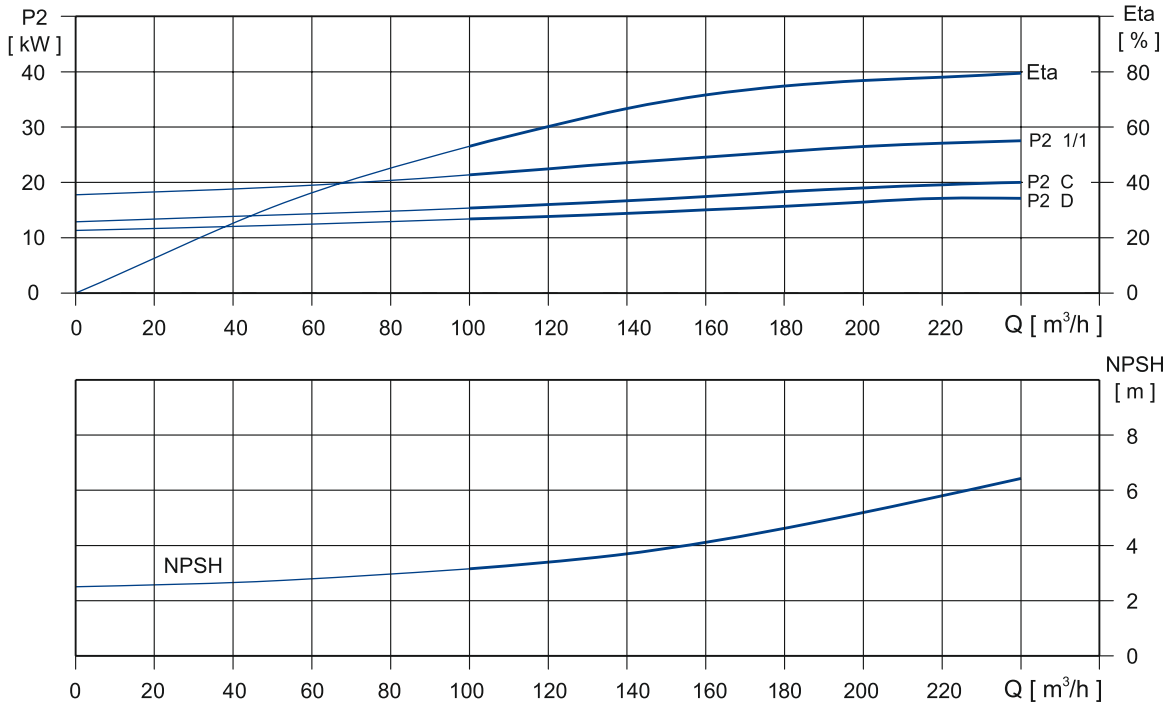
VERTICAL MULTISTAGE PUMP



Dimension Drawing



MODEL	DIN FLANGE(CDL, CDLF)		D1	D2	N.W. (kgs)
	B1	B1+B2			
200-1-D	907	1467	330	250	311
200-1-C	907	1507	380	280	347
200-1	907	1587	420	305	403
200-2-2D	1101	1781	420	305	447
200-2-2C	1101	1816	470	335	504
200-2-C	1131	1916	510	370	595
200-2	1131	1916	510	370	595
200-3-2D	1325	2170	580	410	748
200-3-C-D	1325	2170	580	410	748
200-3-2C	1325	2170	580	410	748
200-3-D	1325	2170	580	410	748
200-3-C	1325	2170	580	410	748
200-3	1325	2220	580	410	817
200-4-2D	1519	2414	580	410	830
200-4-2C	1519	2619	645	530	1180
200-4-C	1519	2619	645	530	1180
200-4	1519	2619	645	530	1180



MODEL	POWER (kW)	Q(m³/h)	100	120	140	160	180	200	220	240
200-1-C	22	H(m)	29	28.5	27.5	26.5	25.5	24	22	20
200-1	30		38.5	38	37.5	36.5	35	34	32.5	30
200-2-2C	45		59.5	58	56	54	52.5	49	44.5	40.5
200-2-C	55		69	68	66	64	62	59	55.5	51
200-2	55		78.5	77.5	76	74	71.5	69	66	61.5
200-3-2C	75		99.5	97.5	94.5	91.5	89	84	78.5	72
200-3-C	75		108	106	103.5	100.5	97.5	93	88	81.5
200-3	90		117.5	116	113.5	110.5	107	103	99	92
200-4-2C	110		138.5	136	132	128	124	118	111	102.5
200-4-C	110		148	145.5	142.5	138	134	128	122	113
200-4	110	157.5	155.5	152.5	148	143.5	138	132.5	123.5	

ADC70 - ADC90

STAINLESS STEEL CENTRIFUGE PUMP



Application

It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system, etc.

Motor

C&U bearing
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4
Max.temperature: +85

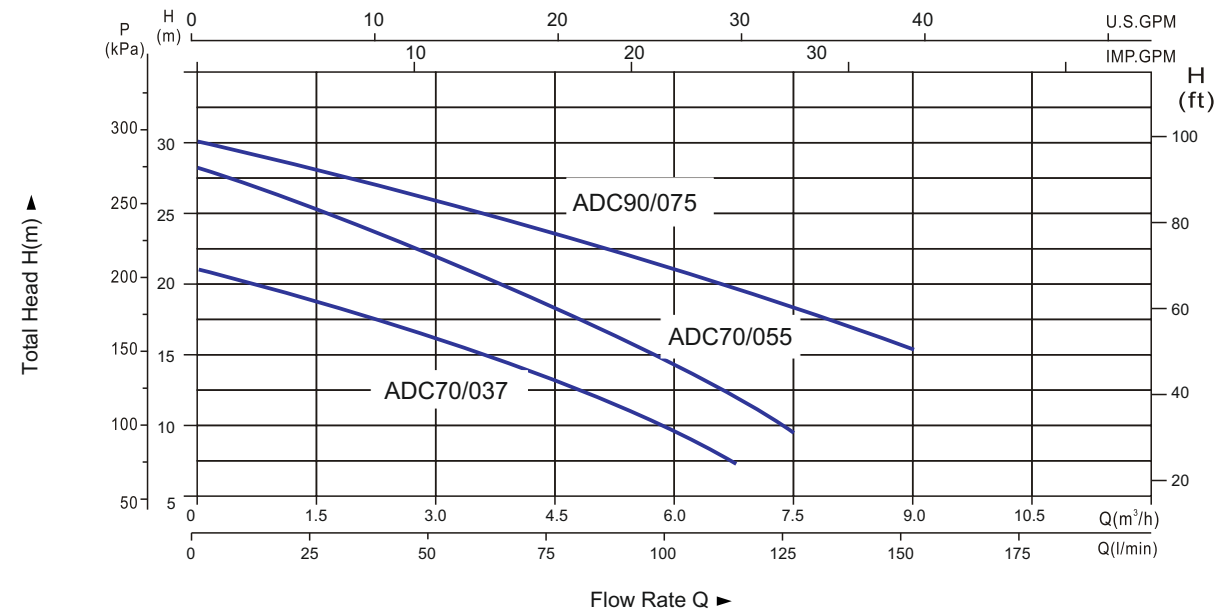
Component

Pump body AISI304 / AISI316 SS
Pump support Aluminum
Motor housing Aluminum
Impeller AISI304 / AISI316 SS
Motor shaft AISI304 / AISI316 SS
Mechanical seal SIC/Graphite

Operating conditions

Liquid temperature up to 110°C
Ambient temperature up to 40°C

Hydraulic performance curves

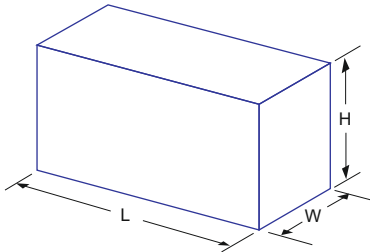


Technical data

Model	Power		Q(m³/h)	0	1.2	3.0	4.2	5.4	6.6	3.6
	kW	HP	Q(l/min)	0	20	50	70	90	110	120
ADC70/037(T)	0.37	0.5	H(m)	21	19	16	14	11	8	-
ADC70/055(T)	0.55	0.75		28	26	22	19	16	12	-
ADC90/075(T)	0.75	1.0		30	28.5	26	24.5	22	20	19

Package information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
ADC70/037(T)	11/4"x1"	7.9	370x235x270
ADC70/055(T)	11/4"x1"	9.1	370x235x270
ADC90/075(T)	11/4"x1"	11.2	370x235x270



ADC120

STAINLESS STEEL CENTRIFUGE PUMP



Application

It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system, etc.

Component

Pump body	AISI304 / AISI316 SS	
Pump support	Aluminum	
Motor housing	Aluminum	
Impeller	AISI304 / AISI316 SS	
Motor shaft	AISI304 / AISI316 SS	
Mechanical seal	SIC/Graphite	

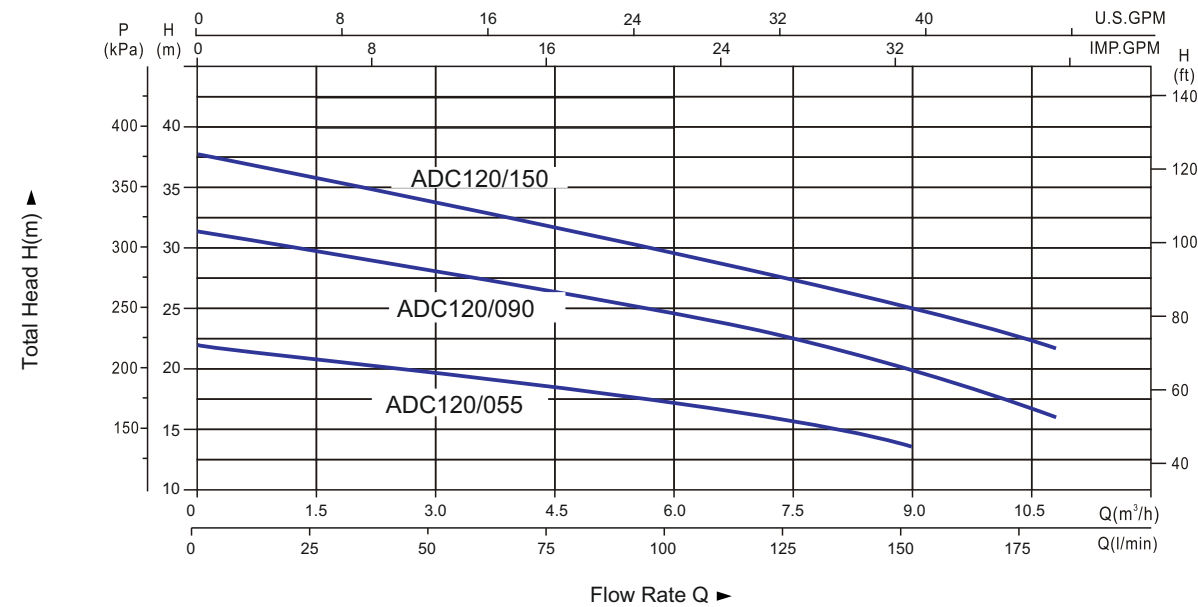
Motor

C&U bearing
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4
Max.temperature: +85

Operating conditions

Liquid temperature up to 110°C
Ambient temperature up to 40°C

Hydraulic performance curves

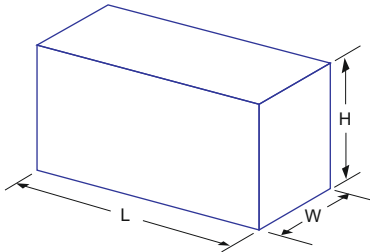


Technical data

Model	Power		Q(m³/h)	3.0	4.2	5.4	6.6	7.2	9.0	10.8
	kW	HP	Q(l/min)	50	70	90	110	120	150	180
ADC120/055(T)	0.55	0.75	H(m)	19.5	19	17.5	16.5	16	13.5	-
ADC120/090(T)	0.9	1.1		28	27	25	24	23	20	16
ADC120/150(T)	1.5	2.2		33.8	32.8	31	29.5	28	25.3	21.8

Package information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
ADC120/055(T)	11/4"x1"	9.7	370x235x270
ADC120/090(T)	11/4"x1"	10.9	410x235x270
ADC120/150(T)	11/4"x1"	15.5	425x255x300



ADC200

STAINLESS STEEL CENTRIFUGE PUMP



Application

It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system, etc.

Motor

C&U bearing
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4
Max.temperature: +85

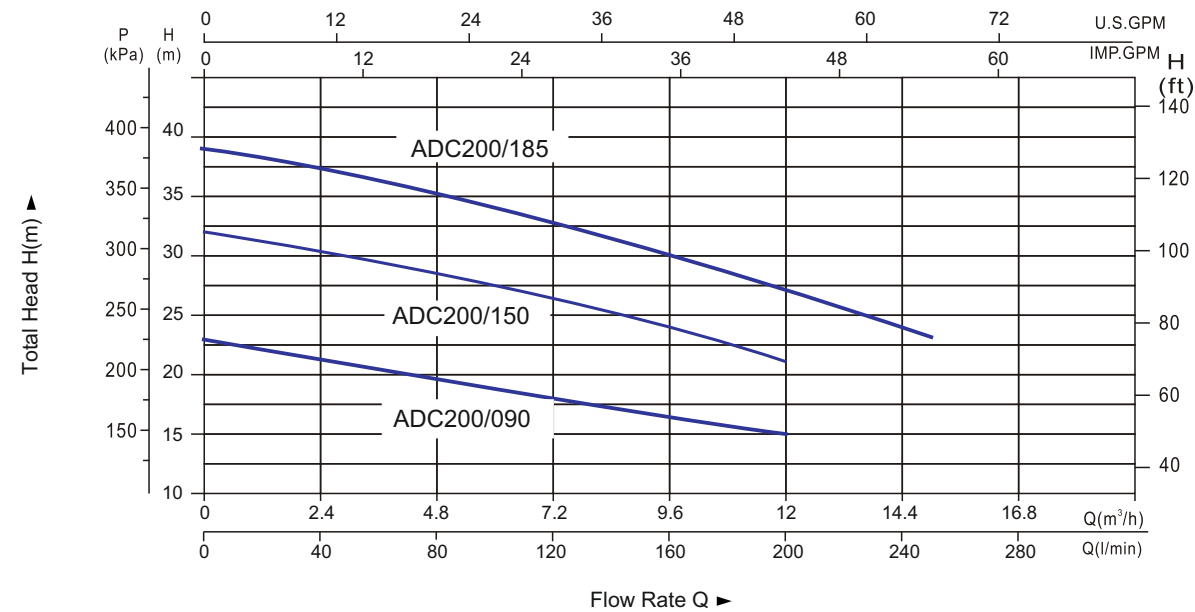
Component

Pump body AISI304 / AISI316 SS
Pump support Aluminum
Motor housing Aluminum
Impeller AISI304 / AISI316 SS
Motor shaft AISI304 / AISI316 SS
Mechanical seal SIC/Graphite

Operating conditions

Liquid temperature up to 110°C
Ambient temperature up to 40°C

Hydraulic performance curves

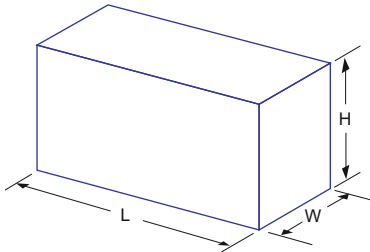


Technical data

Model	Power		Q(m³/h)	4.2	5.4	6.6	7.2	9.0	10.8	12
	kW	HP	Q(l/min)	70	90	110	120	150	180	210
ADC200/090(T)	0.9	1.1	H(m)	20	19.5	19	18.5	18	15.5	15
ADC200/150(T)	1.5	2.2		29	28	27	26.5	24.5	23	22
ADC200/185(T)	1.85	2.5		36	35	34	33	31.5	29	27

Package information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
ADC200/055(T)	1 1/2"x1"	13.7	410x235x270
ADC200/090(T)	1 1/2"x1"	15.5	410x235x270
ADC200/150(T)	1 1/2"x1"	22.7	425x255x300



2ADC70

DOUBLE - IMPELLER STAINLESS STEEL CENTRIFUGE PUMP



Application

It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system, etc.

Component

Pump body	AISI304 SS
Pump support	Aluminum
Motor housing	Aluminum
Impeller	AISI304 SS
Motor shaft	AISI304 SS
Mechanical seal	SIC/Graphite

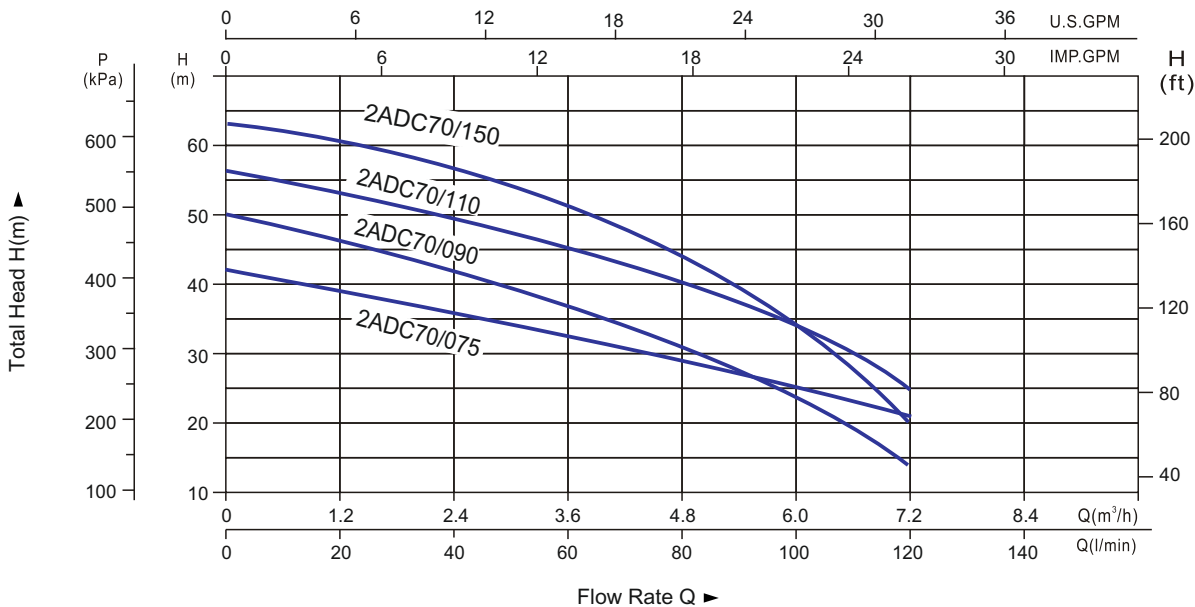
Motor

C&U bearing
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4

Operating conditions

Liquid temperature up to 110°C
Ambient temperature up to 50°C
Max.working pressure:1.0MPa

Hydraulic performance curves

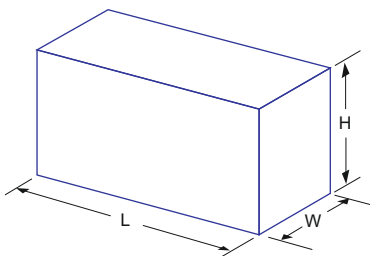


Technical data

Model	Power		Q(m³/h)	1.2	3.0	4.2	5.4	6.6	7.2	9.0
	kW	HP	Q(l/min)	20	50	70	90	110	120	150
2ADC70/075(T)	0.75	1.0	H(m)	40	36	30	28	24	21	-
2ADC70/090(T)	0.9	1.1		45	39	37	29	20.8	14	-
2ADC70/110(T)	1.1	1.5		52.5	48	43	35.5	29.5	25	-
2ADC70/150(T)	1.5	2.2		58	53.5	48	41	32,5	20	-

Package information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
2ADC70/075(T)	11/4"x1"	10.9	405x235x270
2ADC70/090(T)	11/4"x1"	12.1	425x235x270
2ADC70/110(T)	11/4"x1"	17.7	425x255x330
2ADC70/150(T)	11/4"x1"	18.2	440x255x330



2ADC120

DOUBLE - IMPELLER STAINLESS STEEL CENTRIFUGE PUMP



Application

It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system, etc.

Component

Pump body	AISI304 SS
Pump support	Aluminum
Motor housing	Aluminum
Impeller	AISI304 SS
Motor shaft	AISI304 SS
Mechanical seal	SIC/Graphite

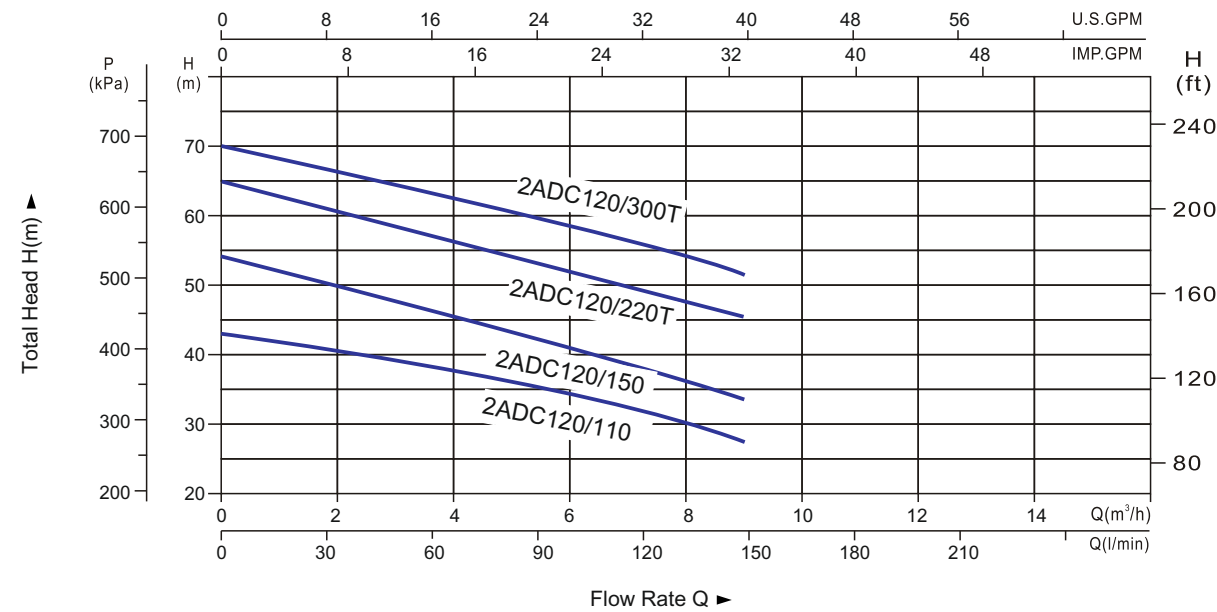
Motor

C&U bearing
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4

Operating conditions

Liquid temperature up to 110°C
Ambient temperature up to 50°C
Max.working pressure:1.0MPa

Hydraulic performance curves

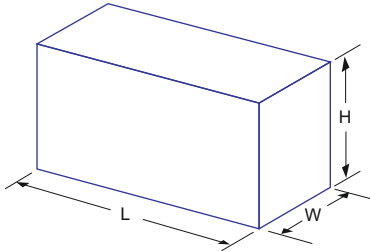


Technical data

Model	Power		Q(m³/h)	1.2	3.0	4.2	5.4	6.6	7.2	9.0
	kW	HP	Q(l/min)	20	50	70	90	110	120	150
2ADC120/110(T)	1.1	1.5	H(m)	-	40	38	35	33	32	27.5
2ADC120/150(T)	1.5	2.2		-	48.5	46	43	40	38	33.5
2ADC120/220T	2.2	3.0		-	59	57	54	52	49	45.5
2ADC120/300T	3.0	4.0		-	65	63	60.5	58	56	51.5

Package information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
2ADC120/110(T)	1 1/4"x1"	16.8	425x235x300
2ADC120/150(T)	1 1/4"x1"	18.2	445x235x300
2ADC120/220T	1 1/4"x1"	24	455x255x330
2ADC120/300T	1 1/4"x1"	26	475x255x330



2ADC200

DOUBLE - IMPELLER STAINLESS STEEL CENTRIFUGE PUMP



Application

It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system, etc.

Component

Pump body	AISI304 SS
Pump support	Aluminum
Motor housing	Aluminum
Impeller	AISI304 SS
Motor shaft	AISI304 SS
Mechanical seal	SIC/Graphite

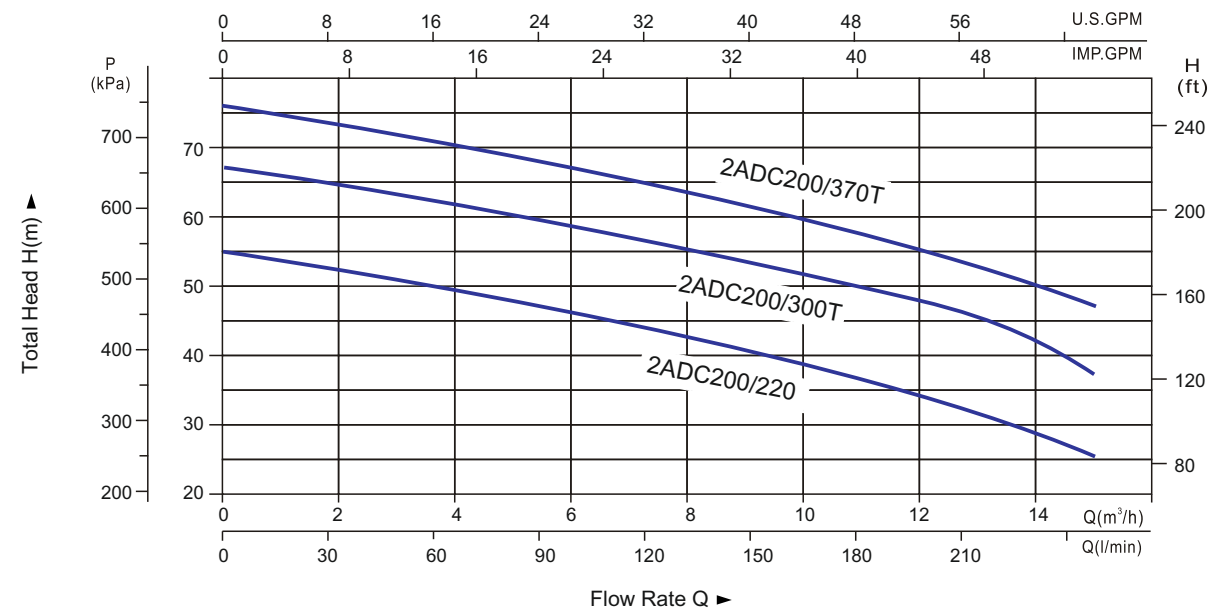
Motor

C&U bearing
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4

Operating conditions

Liquid temperature up to 110°C
Ambient temperature up to 50°C
Max.working pressure:1.0MPa

Hydraulic performance curves

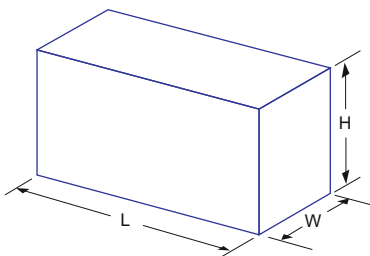


Technical data

Model	Power		Q(m³/h)	5.4	6.6	7.2	9.0	10.8	12	15
	kW	HP	Q(l/min)	90	110	120	150	180	210	240
2ADC200/220(T)	2.2	3.0	H(m)	47.5	46	45	41.5	36	34	25.5
2ADC200/300T	3.0	4.0		58	56	54.5	52	50	48	37
2ADC200/370	3.7	4.7		69	67	65	62	57.5	55	47

Package Information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
2ADC200/220(T)	11/2"x1"	24.3	455x235x315
2ADC200/300T	11/2"x1"	26	475x255x315
2ADC200/370	11/2"x1"	30.8	505x255x340





Application

It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system, etc.

Component

Pump body AISI304 SS
Pump support Aluminum
Motor housing Aluminum
Impeller AISI304 SS
Motor shaft AISI304 SS
Mechanical seal SIC/Graphite

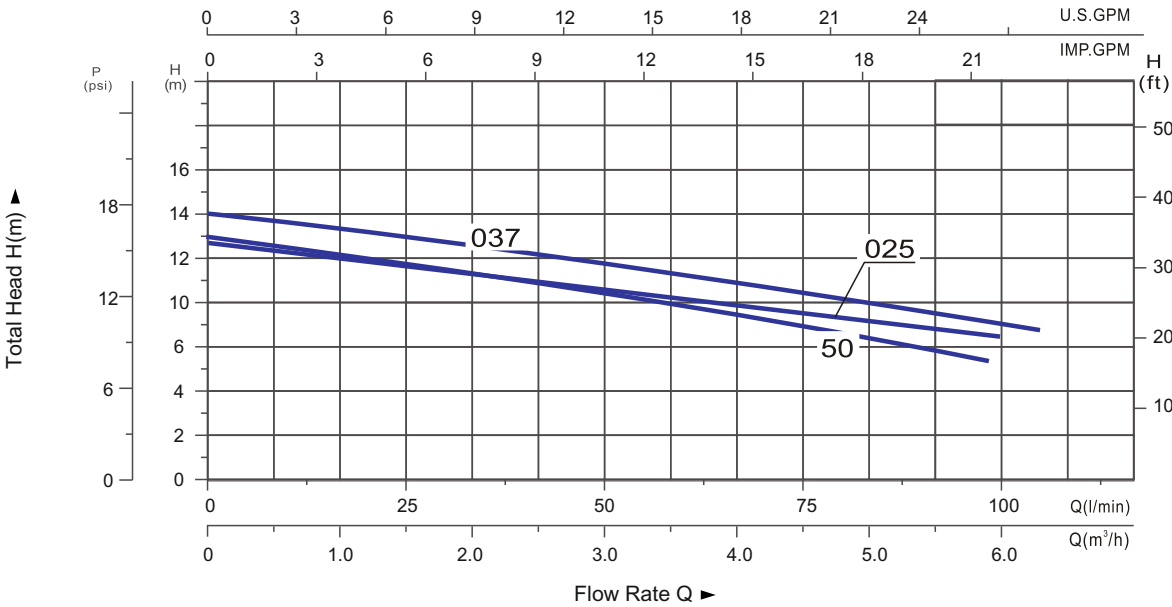
Motor

C&U bearing
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4

Operating conditions

Liquid temperature up to 110°C
Ambient temperature up to 50°C
Max.working pressure:1.0MPa

Hydraulic performance curves

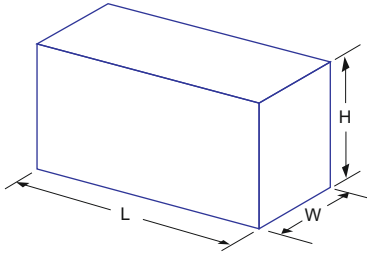


Technical data

Model	Power		Q(m³/h)	0	1.0	2.0	3.0	4.0	5.0	6.0
	kW	HP	Q(l/min)	0	17	33	50	67	84	100
ADW025(T)	0.25	0.33	H(m)	12.5	12	11	10.5	10	8	7
ADW037(T)	0.37	0.5		14	13	12	11.5	11	10	8
ADW050(T)	0.5	0.75		13	12	11	10.5	9	7	6

Package information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
ADW025(T)	1 1/4"x1"	6.3	300x185x255
ADW037(T)	1 1/4"x1"	6.5	300x185x255
ADW050(T)	1 1/4"x1"	6.5	325x190x240





Application

It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system, etc.

Component

Pump body		AISI304 SS
Pump support		Aluminum
Motor housing		Aluminum
Impeller		AISI304 SS
Motor shaft		AISI304 SS
Mechanical seal		SIC/Graphite

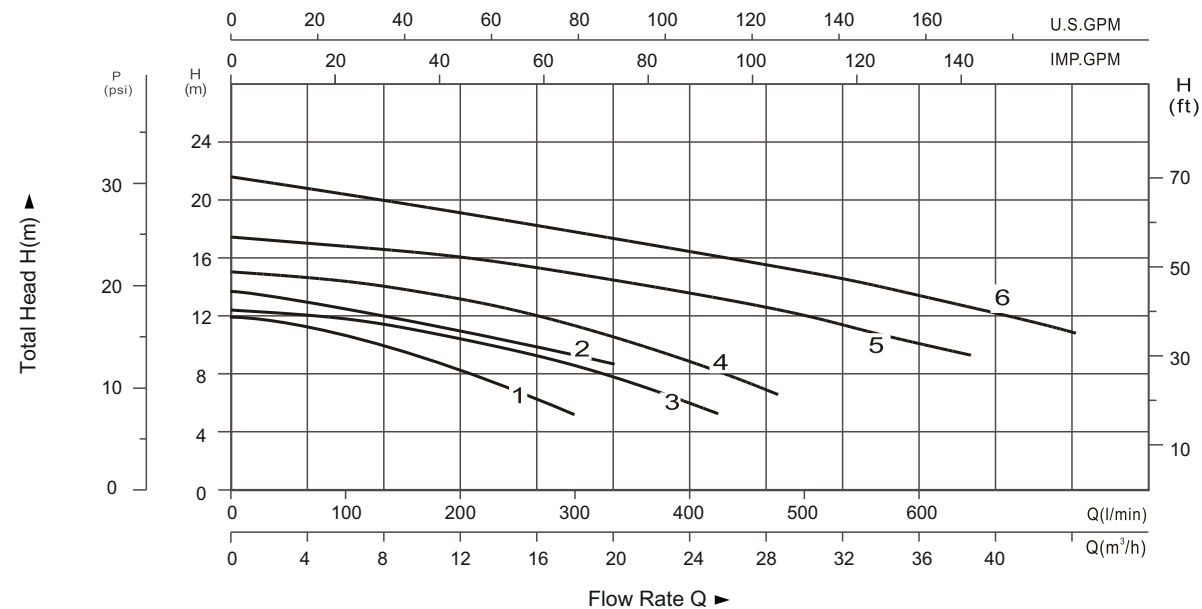
Motor

C&U bearing
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4

Operating conditions

Liquid temperature up to 110°C
Ambient temperature up to 50°C
Max.working pressure:1.0MPa

Hydraulic performance curves

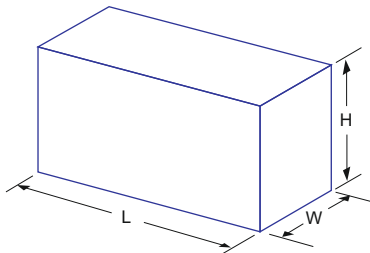


Technical data

Model	Power(P ₂) kW	(Amps)		Rated head (m)	Rated flow (m³/h)	Curve
		220V/50Hz	380V/50Hz			
ADW100A(T)	0.55	3.8	1.4	8	12	1
ADW100(T)	0.75	5.2	1.8	8	12	1
ADW120A(T)	0.75	5.2	1.8	10	12	2
ADW120(T)	1.0	6.2	2.4	10	12	2
ADW150(T)	1.1	7.0	2.6	7.5	18	3
ADW200(T)	1.5	9.2	3.5	10.5	18	4
ADW300(T)	2.2	14	4.9	11	30	5
ADW400T	3.0	—	6.3	15	30	6

Package Information

Model	Inlet/Outlet	N.W	LxWxH
	Inch	kg	mm
ADW100A(T)	11/2"x11/2"	8.8	380x205x275
ADW100(T)	11/2"x11/2"	9.8	380x205x275
ADW120A(T)	11/2"x11/2"	9.8	380x205x275
ADW120(T)	11/2"x11/2"	10.7	380x205x275
ADW150(T)	2"x2"	15.5	430x250x275
ADW200(T)	2"x2"	17.5	430x250x275
ADW300(T)	2 1/2"x2"	21.5	475x250x325
ADW400T	2 1/2"x2"	23.1	490x250x325



AZS

STAINLESS STEEL CENTRIFUGE PUMP



Application

It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system, etc.

Motor

C&U bearing
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4
Max.temperature: +85

Component

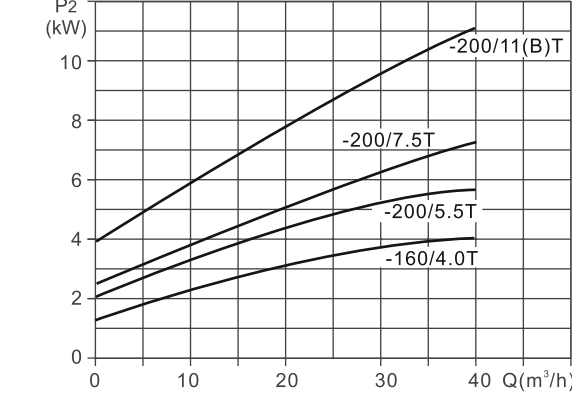
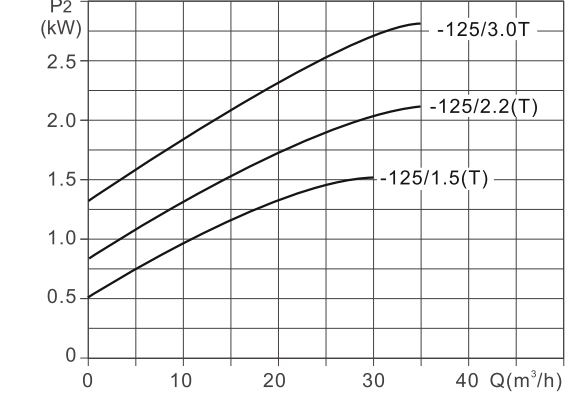
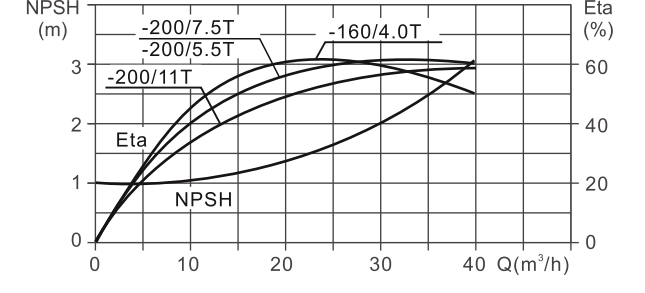
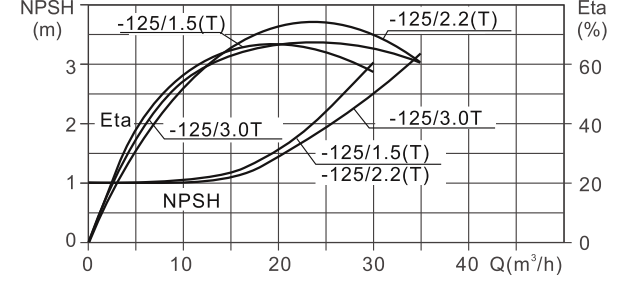
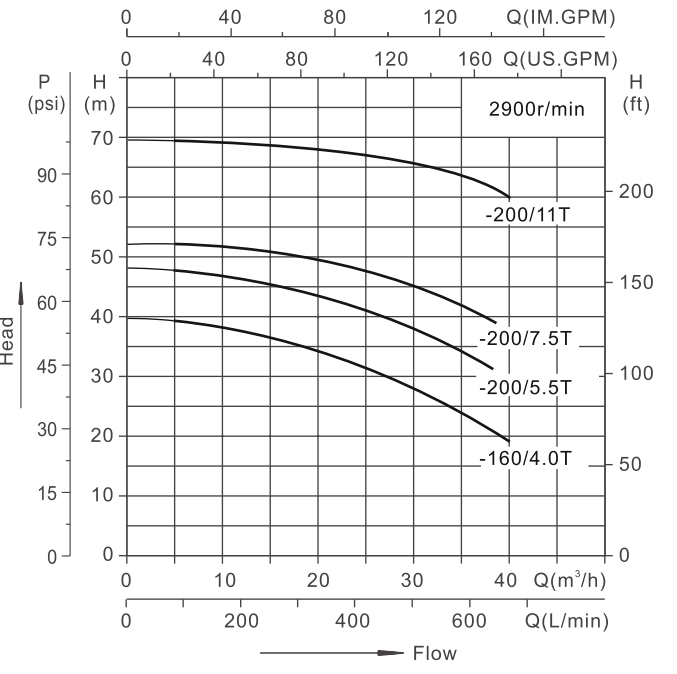
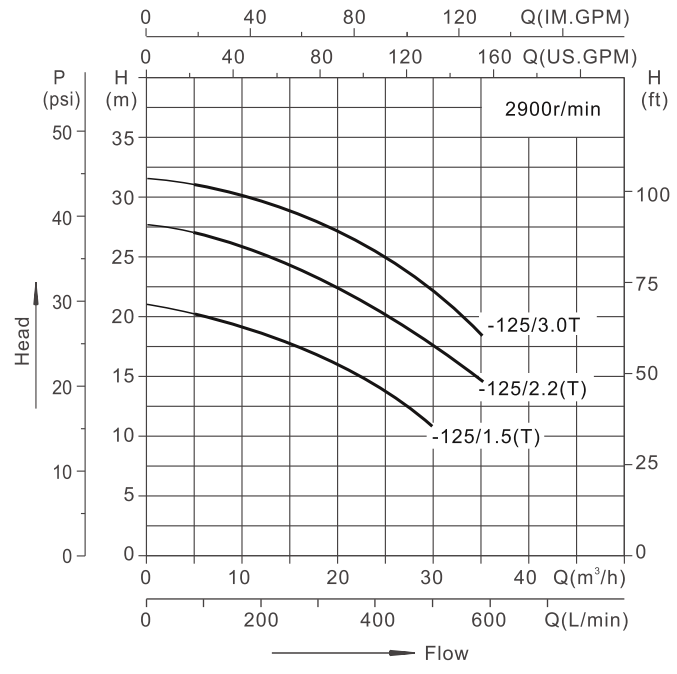
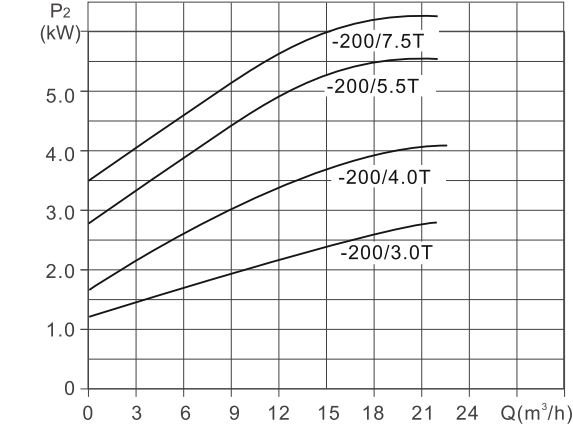
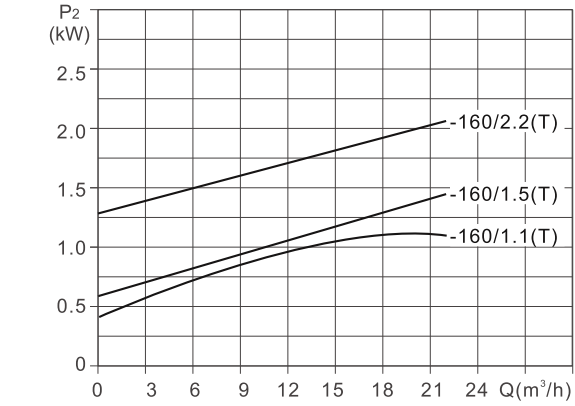
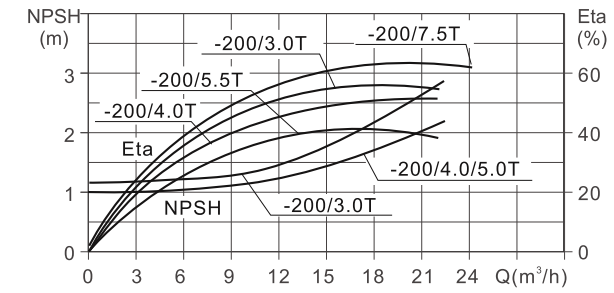
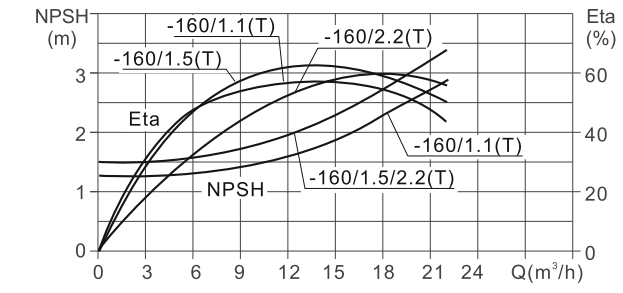
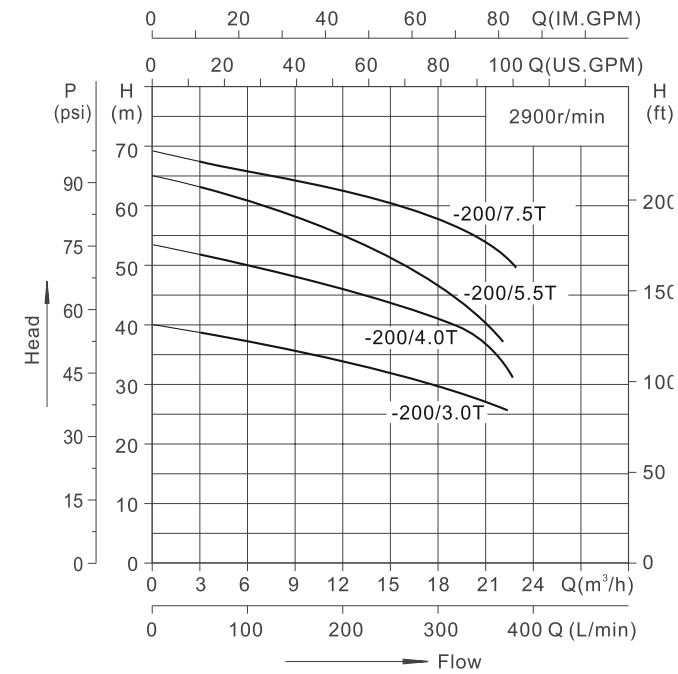
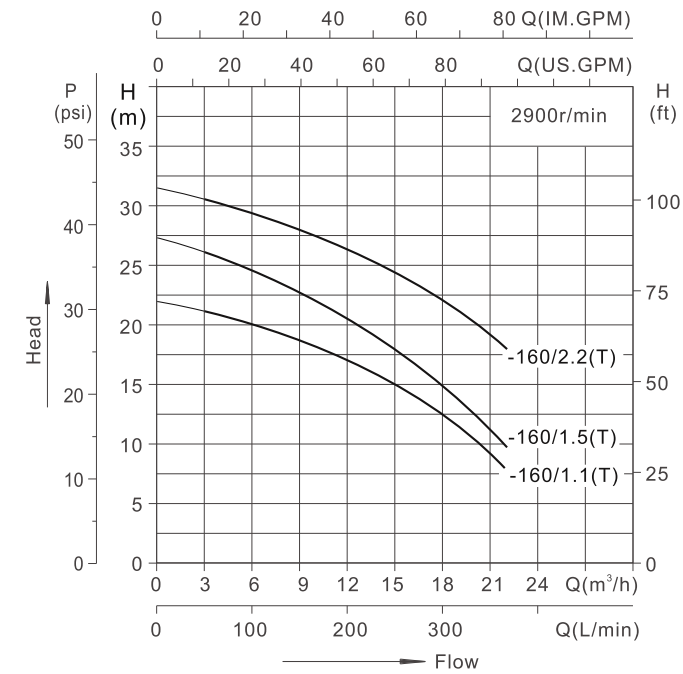
Pump body AISI304 / AISI316 SS
Pump support Aluminum
Motor housing Aluminum
Impeller AISI304 / AISI316 SS
Motor shaft AISI304 / AISI316 SS
Mechanical seal SIC/Graphite

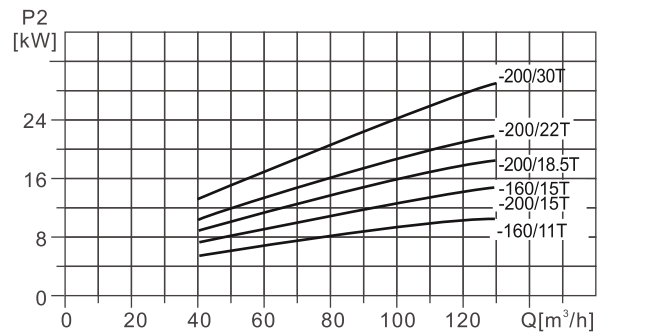
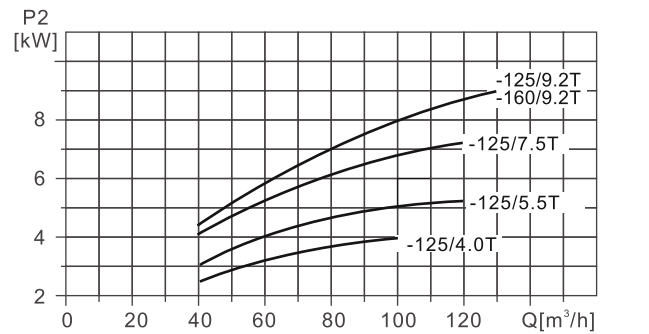
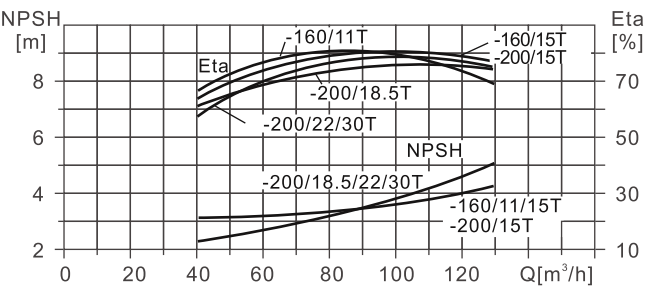
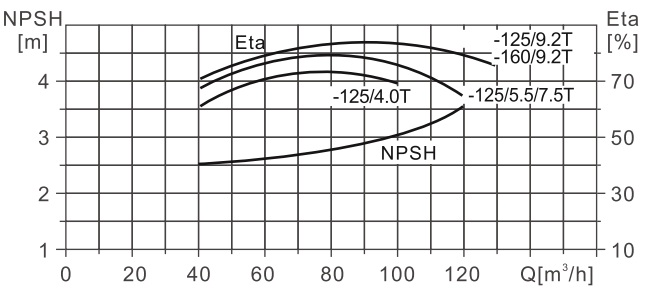
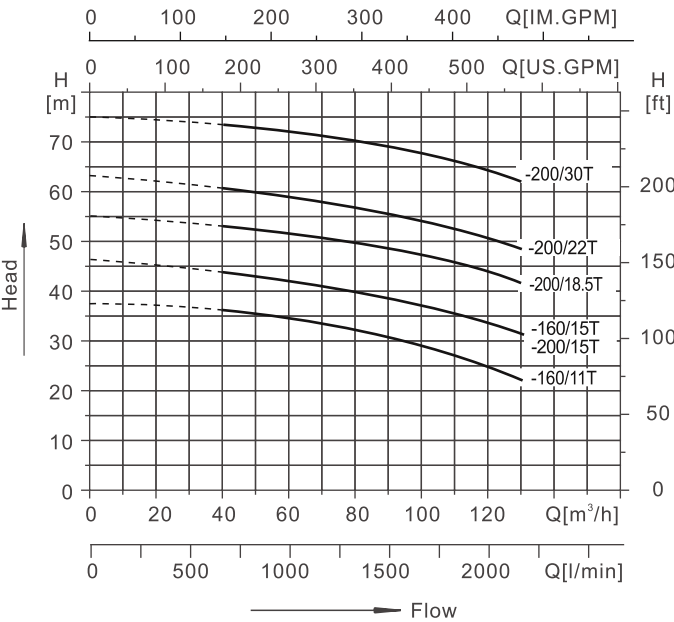
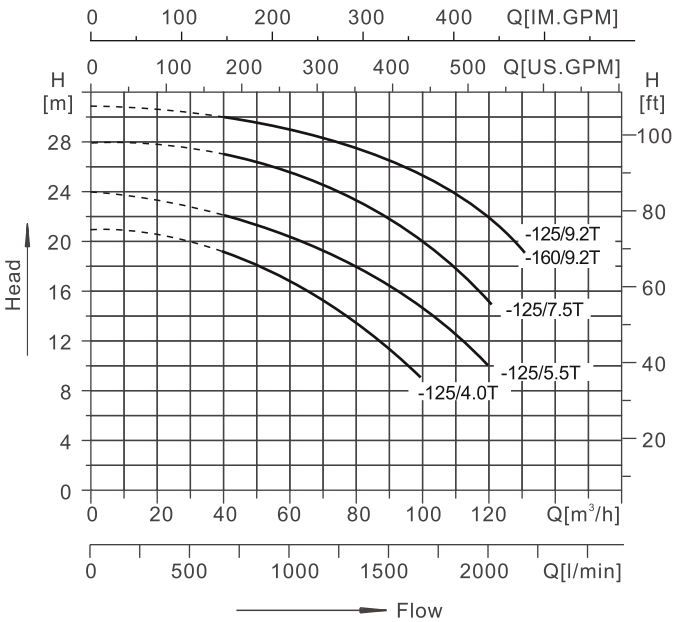
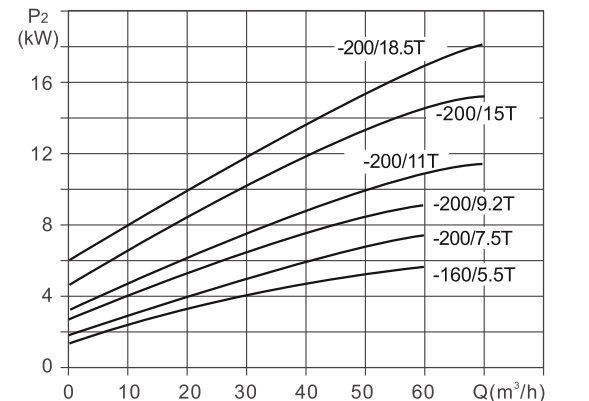
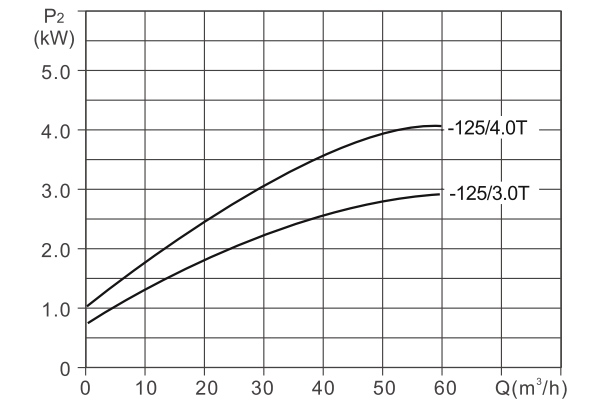
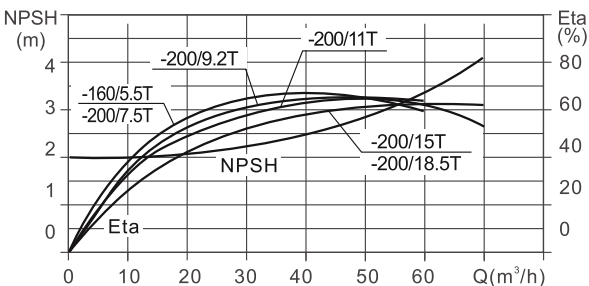
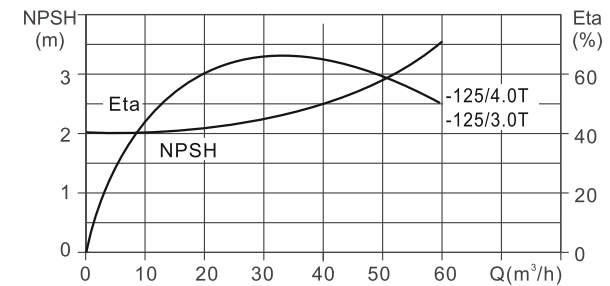
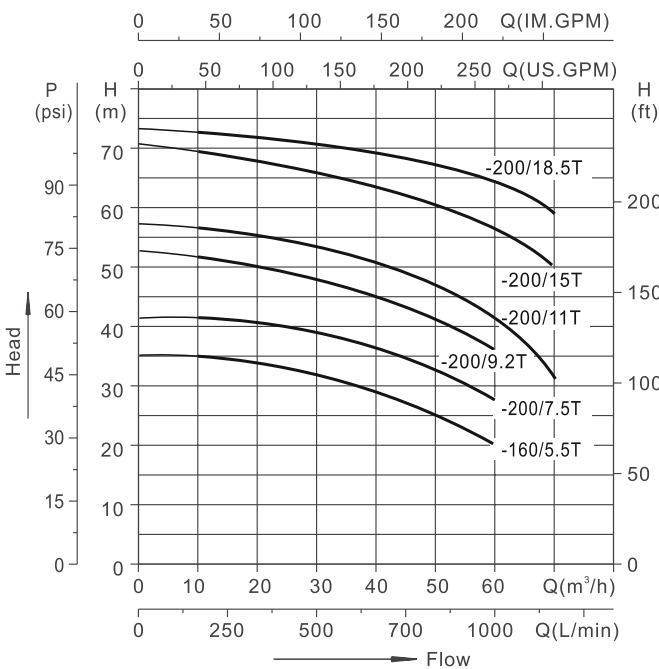
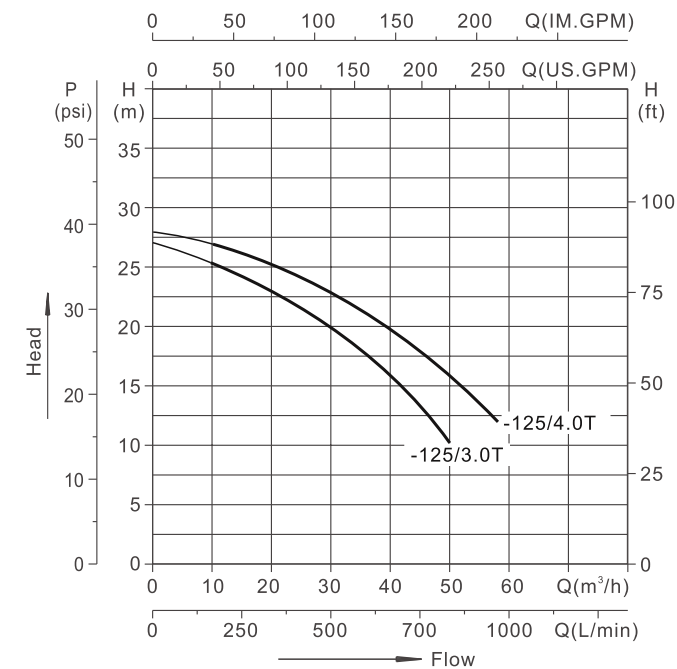
Operating conditions

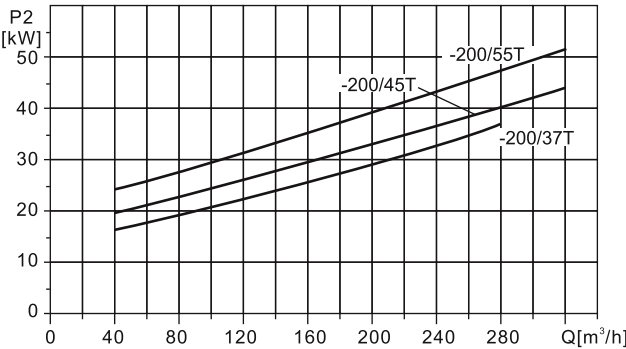
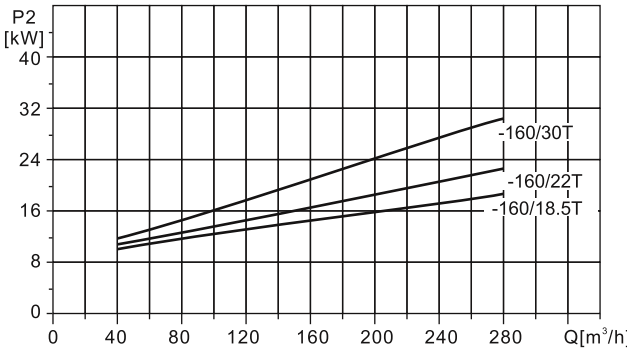
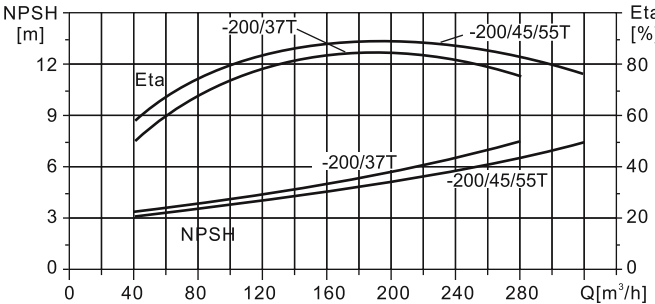
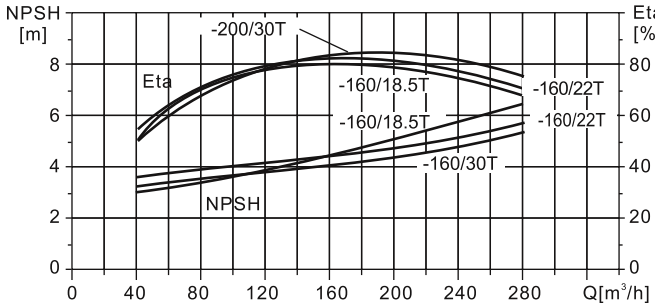
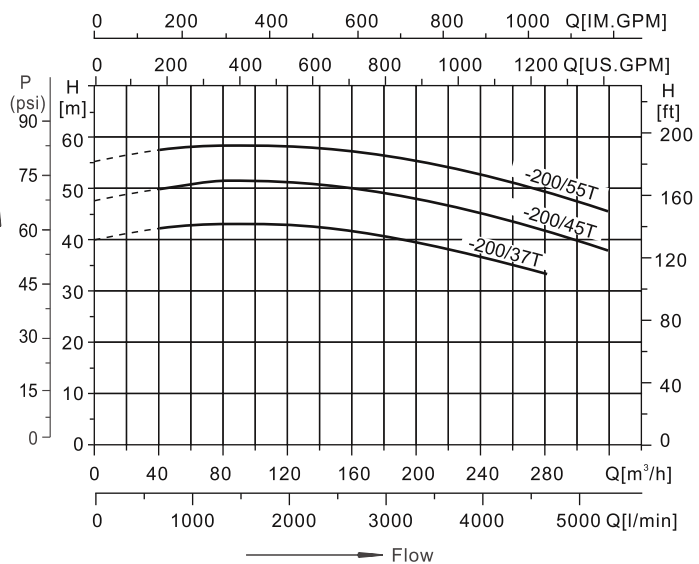
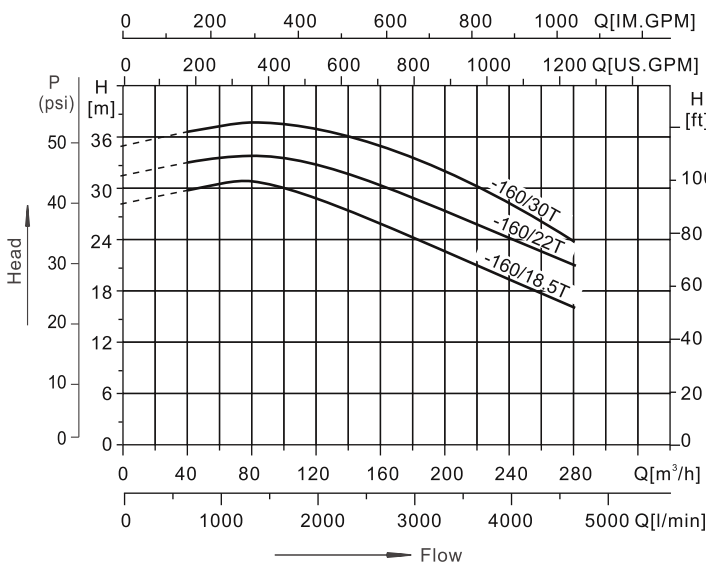
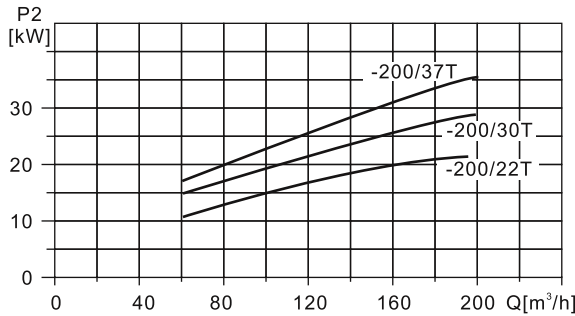
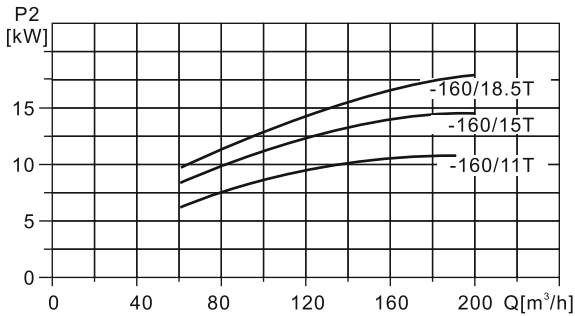
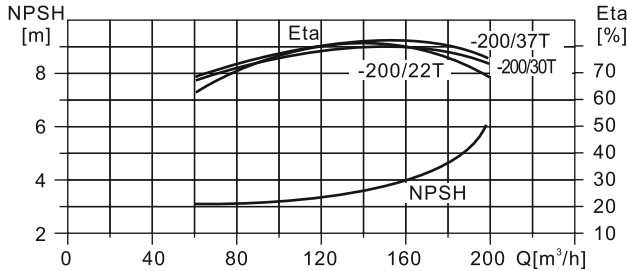
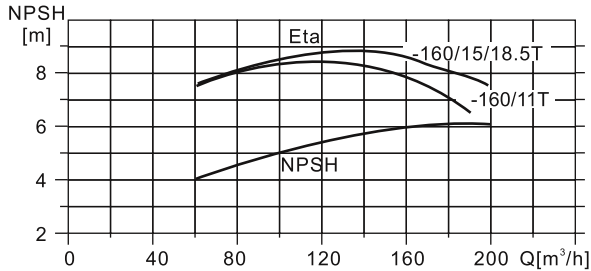
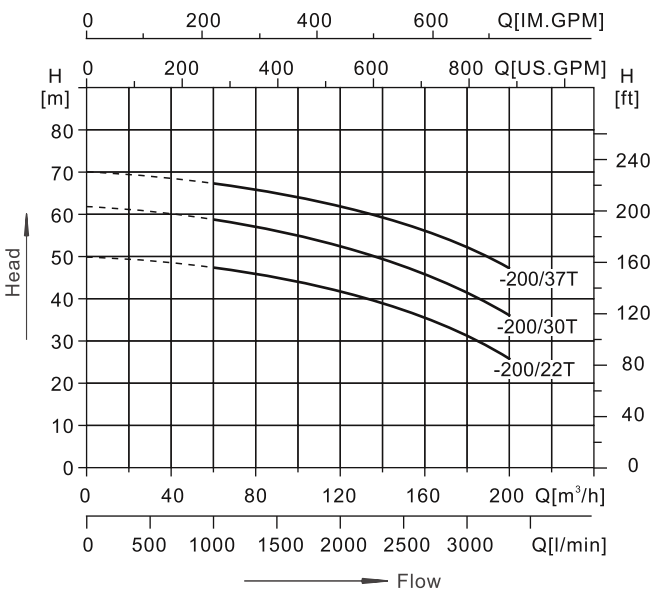
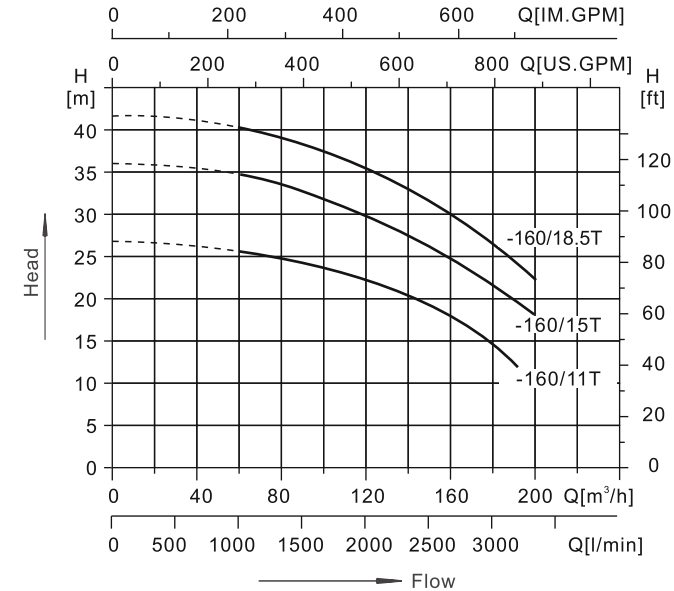
Liquid temperature up to 110°C
Ambient temperature up to 40°C

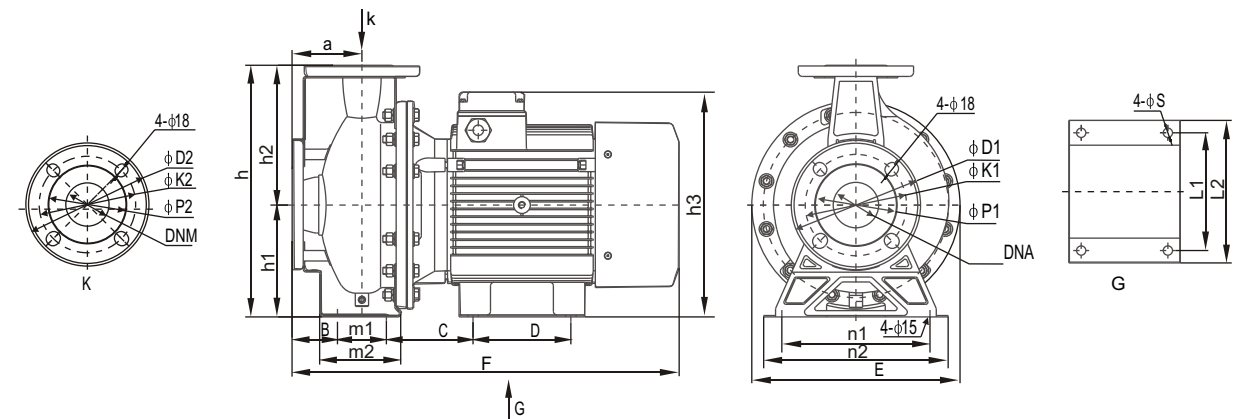
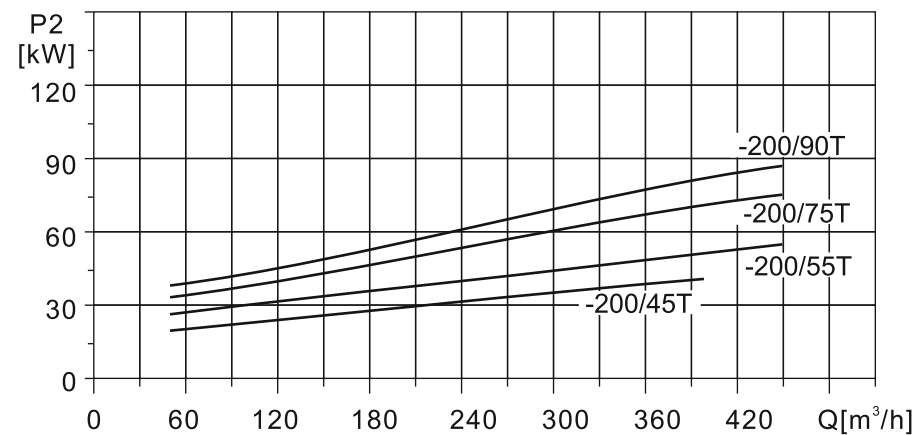
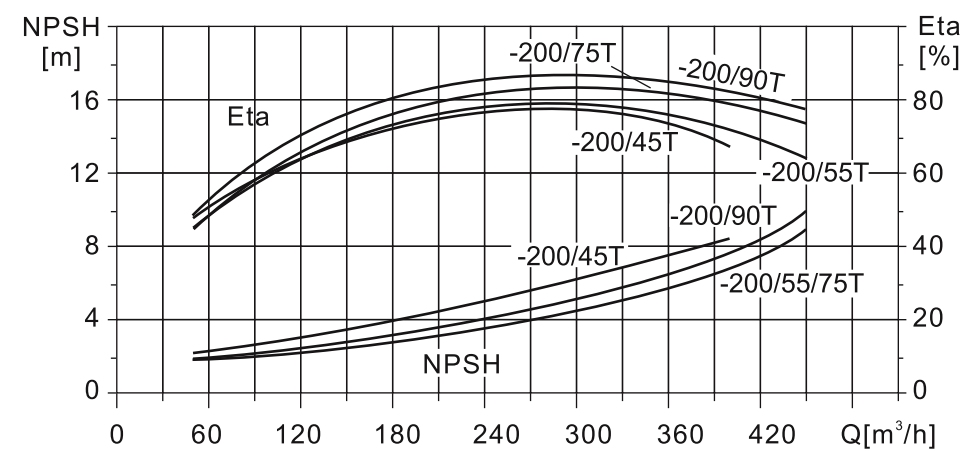
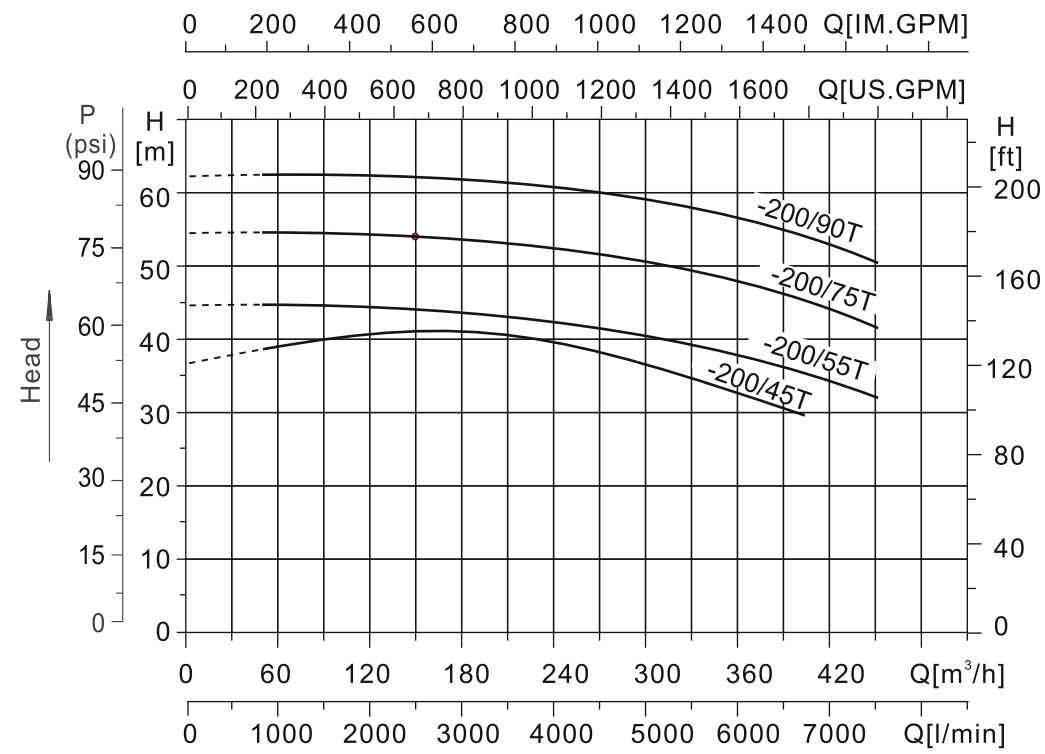
Technical Data

Model (EN 733)	CNP Model Model	Power(P ₂) kW	Rated head (m)	Rated flow (m³/h)	(Amps)		G.W (kg)	Packing size (mm)
					220V/50Hz	380V/50Hz		
AZS50-32-160/1.1(T)	ZS50-32-160/1.1	1.1	16.5	12.5	7.0	2.6	21.5	470×280×390
AZS50-32-160/1.5(T)	ZS50-32-160/1.5	1.5	20	12.5	9.2	3.5	22.5	470×280×390
AZS50-32-160/2.2(T)	ZS50-32-160/2.2	2.2	26	12.5	14	4.9	31	470×280×390
AZS50-32-200/3.0T	ZS50-32-200/3.0	3.0	34	12.5	—	6.3	38	540×370×475
AZS50-32-200/4.0T	ZS50-32-200/4.0	4.0	45	12.5	—	9.6	54	540×370×475
AZS50-32-200/5.5T	ZS50-32-200/5.5	5.5	54	12.5	—	11.1	62.3	630×370×495
AZS50-32-200/7.5T	ZS50-32-200/7.5	7.5	63	12.5	—	14.9	73.8	630×370×495
AZS65-40-125/1.5(T)	ZS65-40-125/1.5	1.5	13	25	9.2	3.5	21	470×280×390
AZS65-40-125/2.2(T)	ZS65-40-125/2.2	2.2	20	25	14	4.9	29	470×280×390
AZS65-40-125/3.0T	ZS65-40-125/3.0	3.0	25	25	—	6.3	37	540×330×425
AZS65-40-160/4.0T	ZS65-40-160/4.0	4.0	31	25	—	9.6	49.5	540×330×425
AZS65-40-200/5.5T	ZS65-40-200/5.5	5.5	41	25	—	11.1	62.5	630×370×495
AZS65-40-200/7.5T	ZS65-40-200/7.5	7.5	48	25	—	14.9	74	630×370×495
AZS65-40-200/11T	ZS65-40-200/11	11	68	25	—	21.2	93	705×430×560
AZS65-50-125/3.0T	ZS65-50-125/3.0	3.0	16	40	—	6.3	37.5	540×330×425
AZS65-50-125/4.0T	ZS65-50-125/4.0	4.0	21	40	—	9.6	49.5	540×330×425
AZS65-50-160/5.5T	ZS65-50-160/5.5	5.5	24	50	—	11.1	62.5	630×370×495
AZS65-50-200/7.5T	ZS65-50-200/7.5	7.5	32	50	—	14.9	73	630×370×495
AZS65-50-200/9.2T	ZS65-50-200/9.2	9.2	41	50	—	18.3	82	705×430×560
AZS65-50-200/11T	ZS65-50-200/11	11	48	50	—	21.2	93	705×430×560
AZS65-50-200/15T	ZS65-50-200/15	15	62	50	—	28.6	107	705×430×560
AZS65-50-200/18.5T	ZS65-50-200/18.5	18.5	68	50	—	34.7	158	765×440×580
AZS80-65-125/4.0T	—	4.0	13	80	—	9.6	49.5	610×330×475
AZS80-65-125/5.5T	ZS80-65-125/5.5	5.5	13	100	—	11.1	62.5	610×330×475
AZS80-65-125/7.5T	ZS80-65-125/7.5	7.5	19	100	—	14.9	69.5	610×330×475
AZS80-65-125/9.2T	ZS80-65-125/9.2	9.2	23	100	—	18.3	80.5	695×380×500
AZS80-65-160/11T	ZS80-65-160/11.0	11	30	100	—	21.2	93	695×380×500
AZS80-65-160/15T	ZS80-65-160/15.0	15	37	100	—	28.6	107	695×380×500
AZS80-65-200/18.5T	ZS80-65-200/18.5	18.5	47	100	—	34.7	158	765×440×580
AZS80-65-200/22T	ZS80-65-200/22.0	22	50	100	—	41.0	192	855×440×600
AZS80-65-200/30T	ZS80-65-200/30.0	30	62	100	—	55.4	223	925×480×650
AZS100-80-160/11T	ZS100-80-160/11.0	11	15	160	—	21.2	92.5	755×370×550
AZS100-80-160/15T	ZS100-80-160/15.0	15	22	160	—	28.6	106	755×370×550
AZS100-80-160/18.5T	ZS100-80-160/18.5	18.5	28	160	—	34.7	158	855×440×600
AZS100-80-200/22T	ZS100-80-200/22.0	22	36	160	—	41.0	193	855×440×600
AZS100-80-200/30T	ZS100-80-200/30.0	30	45	160	—	55.4	232	925×480×650
AZS100-80-200/37T	ZS100-80-200/37.0	37	54	160	—	67.9	256	925×480×650
AZS125-100-160/18.5T	—	18.5	23	200	—	34.7	180	855×440×600
AZS125-100-160/22T	—	22	27	200	—	41.0	203	855×440×600
AZS125-100-160/30T	—	30	32	200	—	55.4	260	925×480×650
AZS125-100-200/37T	—	37	40	200	—	67.9	285	925×480×650
AZS125-100-200/45T	—	45	48	200	—	80.8	385	995×540×730
AZS125-100-200/55T	—	55	56	200	—	98.5	440	1085×580×760
AZS150-125-200/45T	—	45	35	320	—	80.8	385	995×540×730
AZS150-125-200/55T	—	55	40	320	—	98.5	440	1085×580×760
AZS150-125-200/75T	—	75	50	320	—	133.7	580	1165×640×820
AZS150-125-200/90T	—	90	58	320	—	159.9	628	1165×640×820

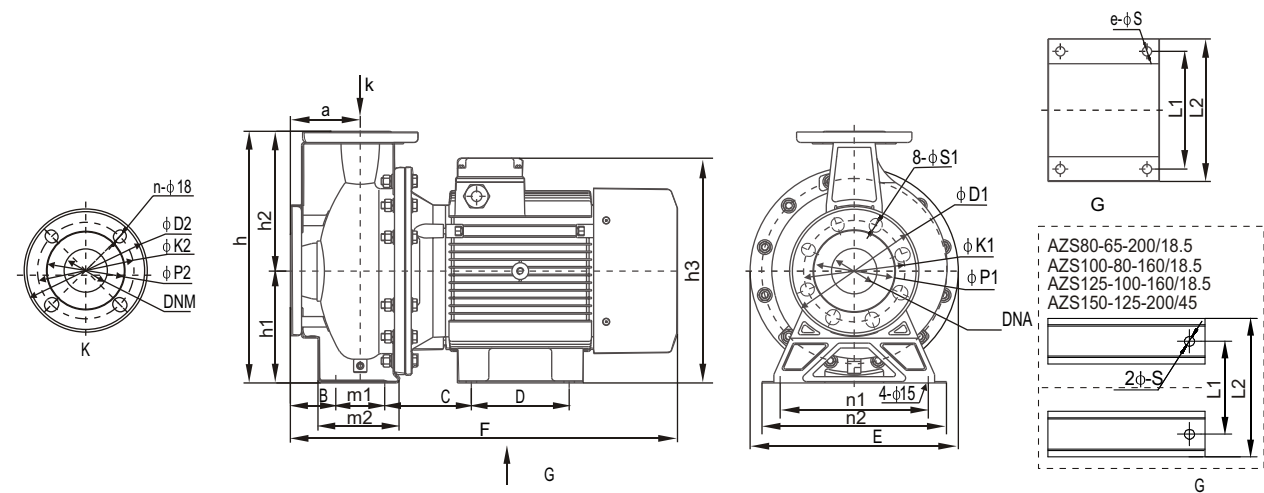








Model	Power P ₂ (kW)	Shape size(mm)																		Flange size(mm)									
		E	F	h	h1	h2	h3	a	m1	m2	n1	n2	B	C	D	φS	L1	L2	φD1	φ k1	φ P1	φD2	φ K2	φ P2	DNA	DNM			
AZS50-32-160/1.1	1.1	215	395	255	112	143	244	80	70	115	160	190	45	95	90	12	125	155	165	125	96	140	100	76	50	32			
AZS50-32-160/1.5	1.5	215	395	255	112	143	244	80	70	115	160	190	45	95	90	12	125	155	165	125	96	140	100	76	50	32			
AZS50-32-160/2.2	2.2	215	438	255	112	143	256	80	70	115	160	190	45	111	100	12	160	190	165	125	96	140	100	76	50	32			
AZS50-32-200/3.0	3.0	300	456	340	160	180	279	80	70	118	190	240	45	109	100	12	160	190	165	125	96	140	100	76	50	32			
AZS50-32-200/4.0	4.0	300	490	340	160	180	307	80	70	118	190	240	45	114	140	15	190	225	165	125	96	140	100	76	50	32			
AZS50-32-200/5.5	5.5	300	532	340	160	180	322	80	70	118	190	240	45	122	140	15	190	230	165	125	96	140	100	76	50	32			
AZS50-32-200/7.5	7.5	300	557	340	160	180	322	80	70	118	190	240	45	122	140	15	190	230	165	125	96	140	100	76	50	32			
AZS65-40-125/1.5	1.5	215	395	255	112	143	244	80	70	115	160	190	45	95	90	12	125	155	185	145	115	150	110	80	65	40			
AZS65-40-125/2.2	2.2	215	438	255	112	143	256	80	70	115	160	190	45	110	100	12	160	190	185	145	115	150	110	80	65	40			
AZS65-40-125/3.0	3.0	256	456	292	132	160	251	80	70	118	190	240	45	110	100	12	160	190	185	145	115	150	110	80	65	40			
AZS65-40-160/4.0	4.0	256	491	292	132	160	279	80	70	118	190	240	45	114	140	15	190	225	185	145	115	150	110	80	65	40			
AZS65-40-200/5.5	5.5	300	554	360	160	200	322	100	70	118	212	264	65	124	140	15	190	230	185	145	115	150	110	80	65	40			
AZS65-40-200/7.5	7.5	300	579	360	160	200	322	100	70	118	212	264	65	124	140	15	190	230	185	145	115	150	110	80	65	40			
AZS65-40-200/11	11	300	615	360	160	200	342	100	70	118	212	264	65	161	140	15	216	255	185	145	115	150	110	80	65	40			
AZS65-50-125/3.0	3.0	256	455	292	132	160	251	80	70	115	190	240	45	110	100	12	160	190	185	145	115	165	125	96	65	50			
AZS65-50-125/4.0	4.0	256	491	292	132	160	279	80	70	115	190	240	45	115	140	15	190	225	185	145	115	165	125	96	65	50			
AZS65-50-160/5.5	5.5	300	554	360	160	200	322	100	70	118	212	264	65	124	140	15	190	230	185	145	115	165	125	96	65	50			
AZS65-50-200/7.5	7.5	300	579	360	160	200	322	100	70	118	212	264	65	124	140	15	190	230	185	145	115	165	125	96	65	50			
AZS65-50-200/9.2	9.2	300	615	360	160	200	339	100	70	118	212	264	65	161	140	15	216	255	185	145	115	165	125	96	65	50			
AZS65-50-200/11	11	300	615	360	160	200	339	100	70	118	212	264	65	161	140	15	216	255	185	145	115	165	125	96	65	50			
AZS65-50-200/15	15	300	657	360	160	200	339	100	70	118	212	264	65	161	140	15	216	255	185	145	115	165	125	96	65	50			
AZS65-50-200/18.5	18.5	315	715	360	160	200	415	100	70	118	212	264	65	147	254	15	254	320	185	145	115	165	125	96	65	50			

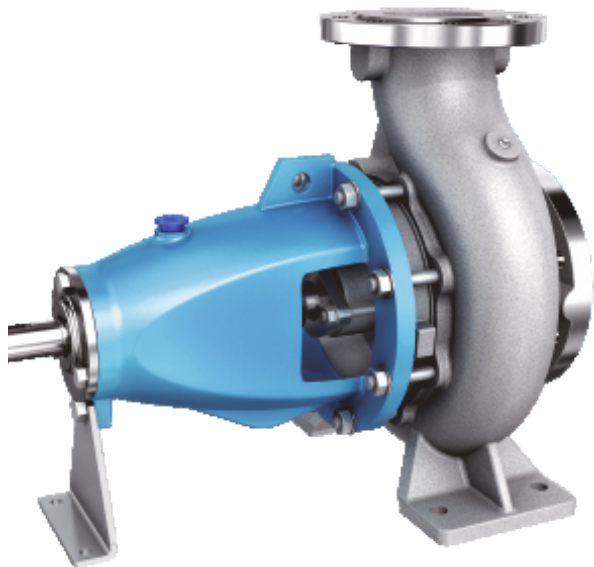


Model	Power P ₁ (kW)	Shape size(mm)																Flange size(mm)											
		E	F	h	h1	h2	h3	a	m1	m2	n1	n2	B	C	D	e-φS	L1	L2	φS1	φD1	φk1	φP1	φD2	φK2	φP2	n	DNA	DNM	
AZS80-65-125/4.0	4.0	256	514	340	160	180	307	100	95	152	212	250	53	105	140	4-φ15	190	225	18	200	160	132	185	145	115	4	80	65	
AZS80-65-125/5.5	5.5	256	530	340	160	180	322	100	95	152	212	250	53	113	140	4-φ15	190	230	18	200	160	132	185	145	115	4	80	65	
AZS80-65-125/7.5	7.5	256	568	340	160	180	322	100	95	152	212	250	53	113	140	4-φ15	190	230	18	200	160	132	185	145	115	4	80	65	
AZS80-65-125/9.2	9.2	256	636	340	160	180	339	100	95	152	212	250	53	175	140	4-φ15	216	255	18	200	160	132	185	145	115	4	80	65	
AZS80-65-160/11	11	300	613	360	160	200	339	100	95	152	212	250	53	152	140	4-φ15	216	255	18	200	160	132	185	145	115	4	80	65	
AZS80-65-160/15	15	300	655	360	160	200	339	100	95	152	212	250	53	152	140	4-φ15	216	255	18	200	160	132	185	145	115	4	80	65	
AZS80-65-200/18.5	18.5	315	717	405	180	225	435	100	95	148	250	290	53	430	-	2-φ15	254	354	18	200	160	132	185	145	115	4	80	65	
AZS80-65-200/22	22	356	776	405	180	225	455	100	95	148	250	290	53	169	241	4-φ15	279	355	18	200	160	132	185	145	115	4	80	65	
AZS80-65-200/30	30	400	844	425	200	225	508	100	95	148	250	290	53	177	305	4-φ18.5	318	386	18	200	160	132	185	145	115	4	80	65	
AZS100-80-160/11	11	256	669	405	180	225	359	125	95	176	250	290	78	183	140	4-φ15	216	255	18	220	180	152	200	160	132	8	100	80	
AZS100-80-160/15	15	256	711	405	180	225	359	125	95	176	250	290	78	183	140	4-φ15	216	255	18	220	180	152	200	160	132	8	100	80	
AZS100-80-160/18.5	18.5	315	769	405	180	225	435	125	95	176	250	290	78	457	-	2-φ15	254	354	18	220	180	152	200	160	132	8	100	80	
AZS100-80-200/22	22	356	811	430	180	250	455	125	95	176	280	320	78	180	241	4-φ15	279	355	18	220	180	152	200	160	132	8	100	80	
AZS100-80-200/30	30	400	880	450	200	250	508	125	95	176	280	320	78	188	305	4-φ18.5	318	386	18	220	180	152	200	160	132	8	100	80	
AZS100-80-200/37	37	400	880	450	200	250	508	125	95	176	280	320	78	188	305	4-φ18.5	318	386	18	220	180	152	200	160	132	8	100	80	
AZS125-100-160/18.5	18.5	315	780	405	180	225	405	125	120	187	280	330	66	457	-	2-φ15	254	354	18	250	210	180	220	180	152	8	125	100	
AZS125-100-160/22	22	356	820	405	180	225	455	125	120	187	280	330	66	175.5	241	4-φ15	279	355	18	250	210	180	220	180	152	8	125	100	
AZS125-100-160/30	30	400	890	425	200	225	508	125	120	187	280	330	66	183.5	305	4-φ18	318	386	18	250	210	180	220	180	152	8	125	100	
AZS125-100-200/37	37	400	890	425	200	225	508	125	120	185	280	330	65	186.5	305	4-φ18	318	386	18	250	210	180	220	180	152	8	125	100	
AZS125-100-200/45	45	445	910	450	225	225	555	125	120	185	280	330	65	172.5	311	4-φ18	356	431	18	250	210	180	220	180	152	8	125	100	
AZS125-100-200/55	55	485	1000	475	250	225	612	125	120	185	280	330	65	207.5	349	4-φ18	406	484	18	250	210	180	220	180	152	8	125	100	
AZS150-125-200/45	45	445	950	565	250	315	580	140	120	212	315	370	80	550	-	2-φ15	356	471	22	285	240	206	250	210	180	8	150	125	
AZS150-125-200/55	55	485	1040	565	250	315	612	140	120	212	315	370	80	235	368	4-φ18	406	484	22	285	240	206	250	210	180	8	150	125	
AZS150-125-200/75	75	546	1116	565	280	315	664	140	120	212	315	370	80	246.5	368	4-φ18	457	542	22	285	240	206	250	210	180	8	150	125	
AZS150-125-200/90	90	546	1116	565	280	315	664	140	120	212	315	370	80	246.5	368	4-φ18	457	542		285	240	206	250	210	180	8	150	125	



ASL

CENTRIFUGAL PUMPS



Application

Water treatment, textile industry, washing and cleaning, chemical industry, marine, paper-making, power plant, etc. provide excellent solutions and more reliable guarantees for related application fields

Product description

ASL series standard end-suction centrifugal pumps have been in the pump industry for decades, and this series of pumps are widely used in various fluid fields. Its performance and efficiency are at the leading level of pump technology in the world.

The ASL series pumps we provide consume 5-10% less energy than pumps in the same industry, and are irreplaceable high-efficiency and energy-saving products for industrial pumps.

Technical application

Axial suction, radial outlet, horizontal shaft structure.

It is not necessary to disassemble the suction and discharge lines when removing the pump cover and impeller.

The modular design concept is adopted, and the machining center is precisely manufactured.

The pumps with stainless steel structure are all made of precision casting.

Pickling passivation treatment, exquisite appearance.



Materials configuration:

Pump housing	Gray cast iron, ductile iron, cast steel, nickel cast iron, bronze, stainless steel, duplex stainless steel, etc.
Impeller and seal ring	Gray cast iron, ductile iron, cast steel, bronze, stainless steel, duplex stainless steel, etc.
Pump shaft	Carbon steel, stainless steel, duplex stainless steel, etc.
Seal bushing	Stainless steel, duplex stainless steel, etc.

- ★A variety of different material combinations to meet the inquires of various working conditions
- ★Special materials can be customized according to requirements

Technical data

Maximum Flow Q	1080 m3/h
Maximum Head H	105 m
Maximum Working Pressure	1.6 MPa
Maximum Working Temperate	130°C
Fran Pressure Level	PN 1.6MPa
Shaft Seal Construction	Mechanical seal、 Packing seal
Direction of rotation	From the motor direction , the pump rotates clockwise

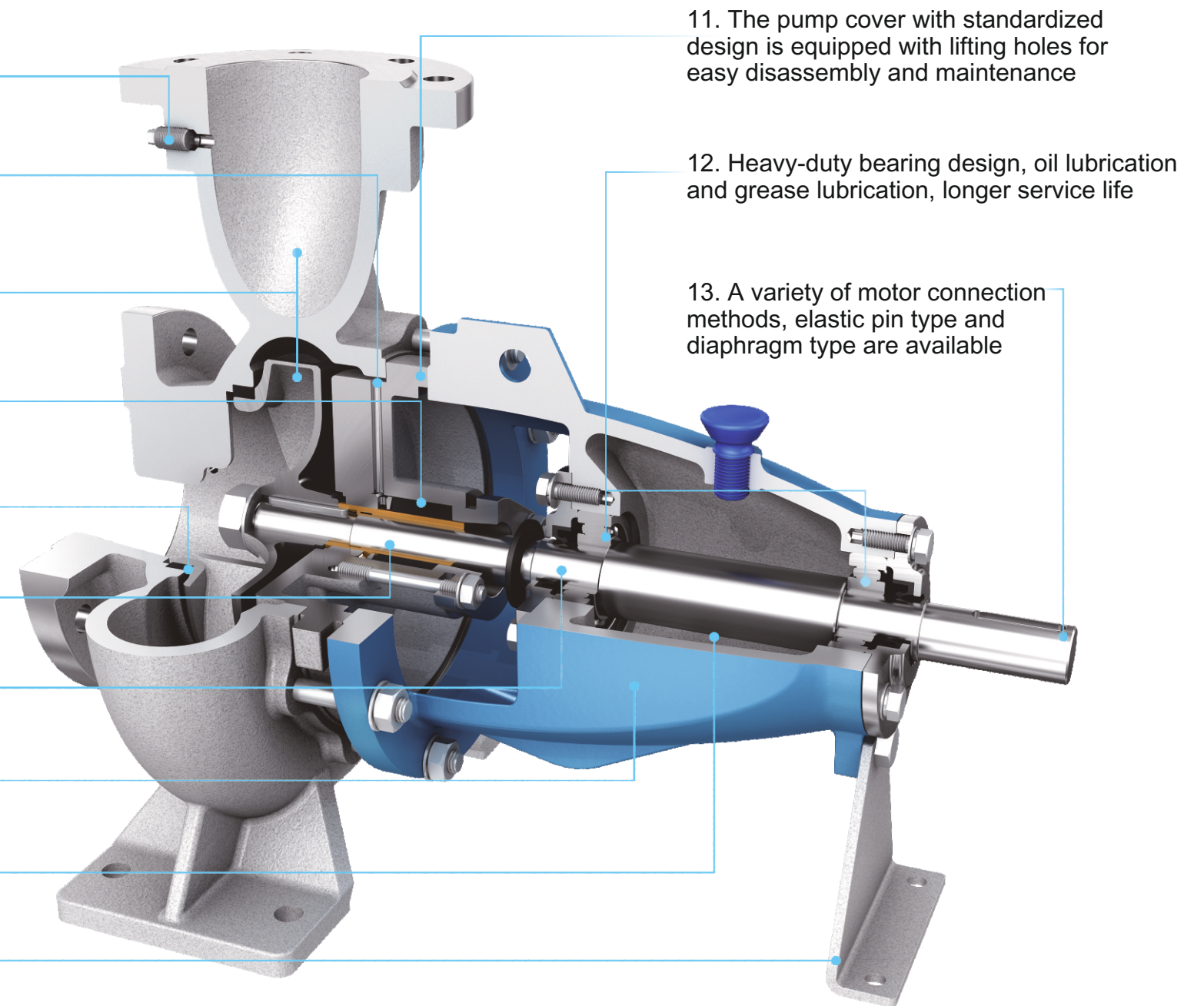
- ★Suitable for 60hz power supply

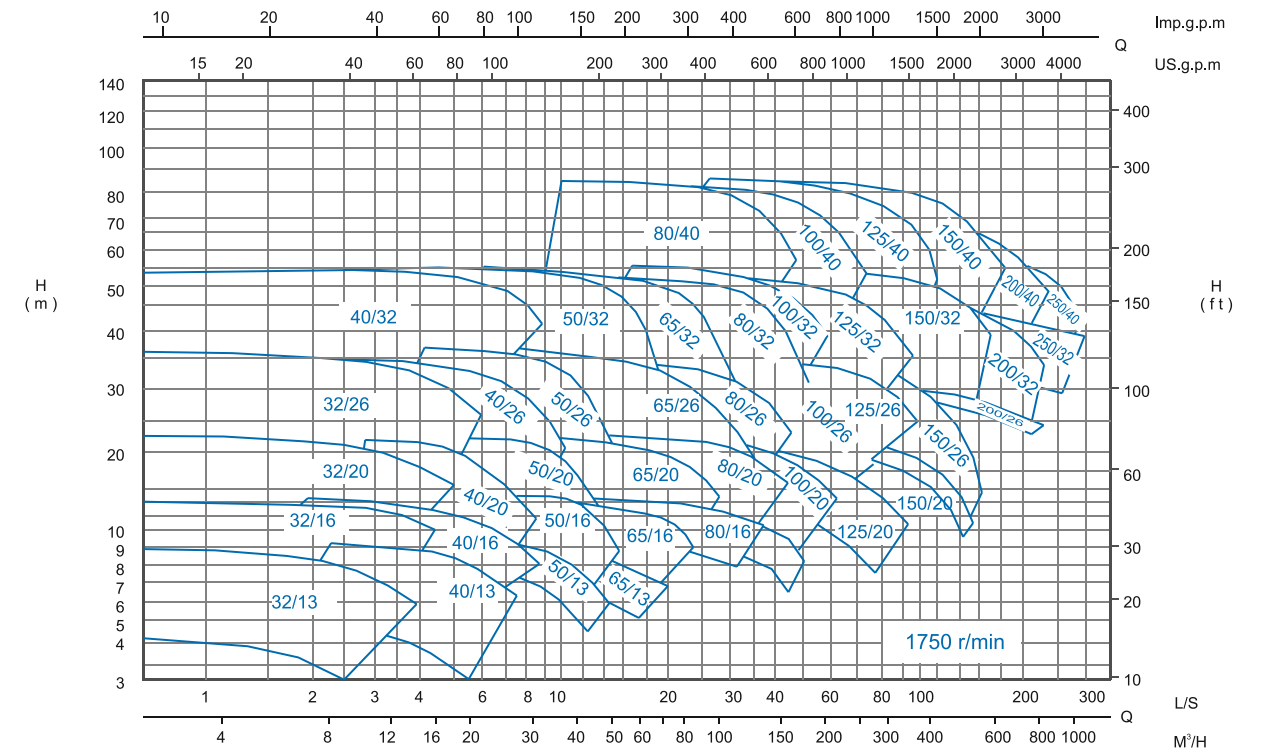
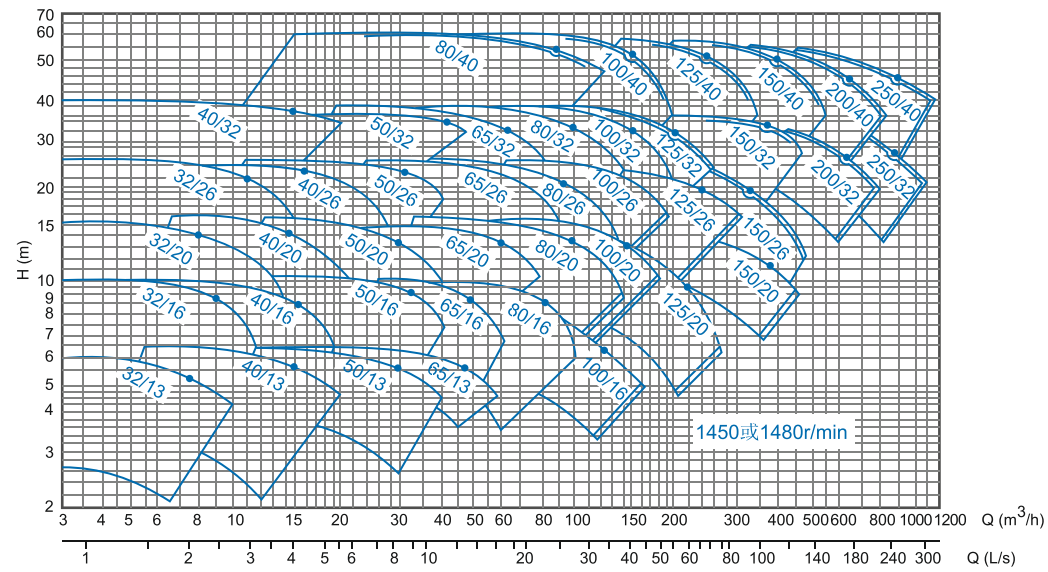
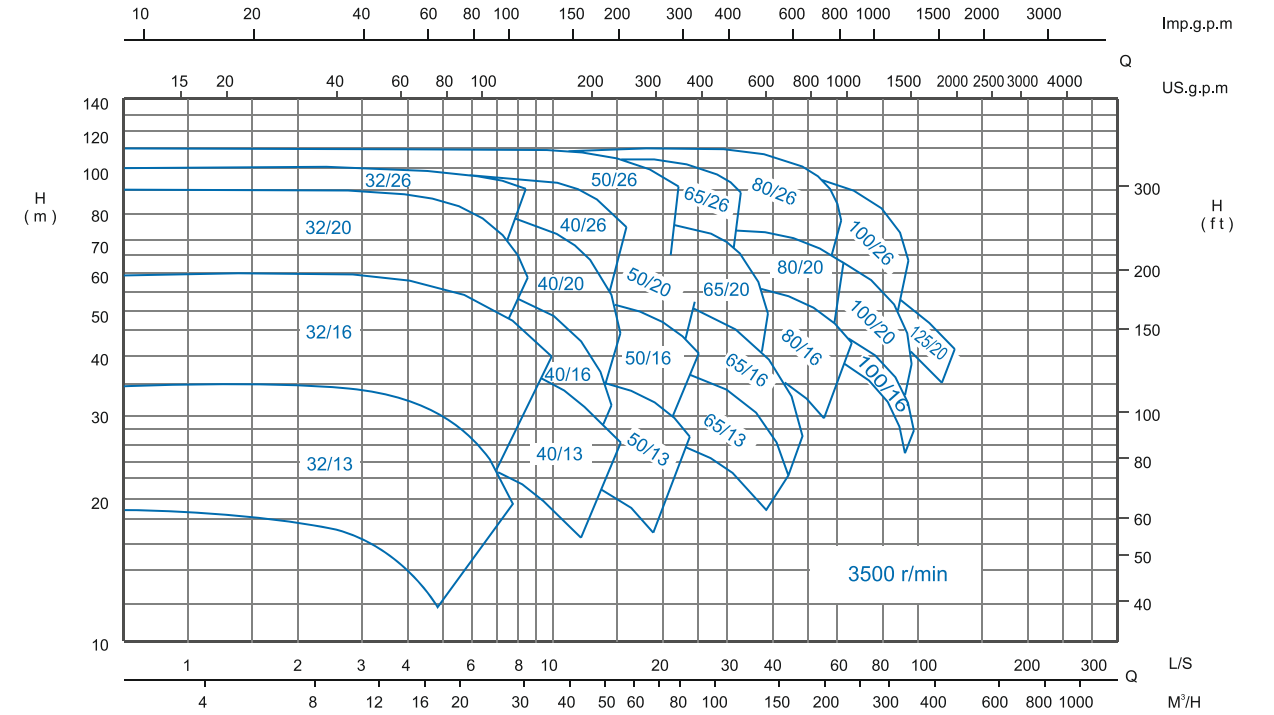
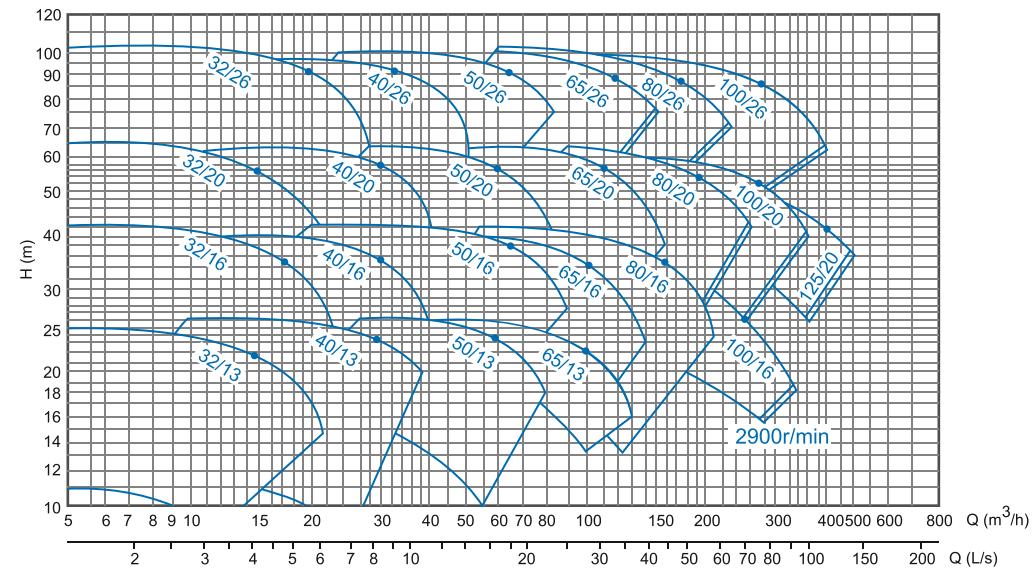
Model Name Explanation:

ASL 200/40 A,B,C	
ASL	ASL series standard end-suction centrifugal pumps
200	Pump Outlet Diameter, mm
40	Nominal Diameter of Impeller, cm
A(B)	Impeller diameter Code

Salient features

1. The inlet and outlet are equipped with pressure-taking holes to monitor the inlet and outlet pressure
2. Internal flushing design of the mechanical seal improves the working conditions of the seal and increases the service life
3. CFD fluid simulation analysis technology, optimized hydraulic design, high efficiency and energy saving of the whole machine
4. Excellent sealing solutions, such as single-end structure, double-end structure, cartridge structure, etc.
5. The impeller seal ring protects the impeller and pump body
6. Stainless steel shaft sleeve to protect the pump shaft from wear
7. The pump shaft with enlarged size design ensures more stable and reliable operation of the pump
8. Modular design, strong versatility of parts, which is beneficial to reduce maintenance costs
9. There are two types of bearing lubrication: oil lubrication and grease lubrication, which are convenient for different use conditions
10. Auxiliary support frame to ensure running stability





注: 压力大于16bar请注明 Please declare if the pressure > 16 bar

Standard Parameter Table of Standard End Suction Centrifugal Pump

Pump model	Capacity		Head	Speed	Power(kW)		Eff.	(NPSH)r	Weight
					Shaft	Motor			
	m³/h	L/S			kW	kW			
ASL32/13	9.0	2.50	26.0	2900	1.23	1.5	52	1.4	29
	15.0	4.17	24.0		1.61	2.2	61	1.7	
	18.0	5.00	22.5		1.78	2.2	62	2.5	
ASL32/13A	8.4	2.34	22.0	2900	0.98	1.5	51.5	1.4	29
	14.0	3.90	19.7		1.25	1.5	60	1.7	
	16.8	4.68	18.0		1.36	2.2	60.5	2.5	
ASL32/13B	7.8	2.16	18.0	2900	0.75	1.1	51	1.4	29
	13.0	3.60	16.2		0.98	1.1	58.5	1.7	
	15.6	4.32	14.5		1.06	1.5	58	2.5	
ASL32/13C	7.1	1.98	14.8	2900	0.57	1.1	50	1.4	29
	11.9	3.30	13.0		0.74	1.1	57	1.7	
	14.3	3.96	11.4		0.80	1.1	55.5	2.5	
ASL32/13D	6.5	1.80	11.7	2900	0.43	0.75	48	1.4	29
	10.8	3.00	10.1		0.57	0.75	52	1.7	
	13.0	3.60	8.7		0.59	1.1	52	2.5	
ASL32/16	10.8	3.00	42.0	2900	2.66	3	46.5	1.9	35
	18.0	5.00	39.0		3.41	4	56	2.2	
	21.6	6.00	36.5		3.79	5.5	56.7	3.7	
ASL32/16A	10.2	2.84	37.0	2900	2.27	3	45.5	1.9	35
	17.1	4.74	34.6		2.90	3	55.5	2.2	
	20.5	5.69	32.1		3.18	4	56.3	3.7	
ASL32/16B	9.6	2.67	32.3	2900	1.92	3	44	1.9	35
	16.0	4.45	30.5		2.44	3	54.5	2.2	
	19.2	5.34	28.7		2.68	4	56	3.7	
ASL32/16C	9.0	2.50	28.3	2900	1.61	2.2	43	1.9	35
	15.0	4.17	26.5		2.04	3	53	2.2	
	18.0	5.00	25.0		2.25	3	54.5	3.7	
ASL32/16D	8.4	2.33	24.6	2900	1.40	2.2	40	1.9	35
	14.0	3.88	22.7		1.69	2.2	51	2.2	
	16.8	4.66	21.4		1.86	2.2	52.5	3.7	
ASL32/16E	7.8	2.16	20.5	2900	1.11	1.1	39	1.9	35
	12.9	3.59	19.2		1.39	2.2	48.5	2.2	
	15.5	4.31	18.0		1.49	2.2	51	3.7	
ASL32/20	10.8	3.00	64.2	2900	4.84	5.5	39	1.7	47
	18.0	5.00	58.5		5.92	7.5	48.4	2	
	21.6	6.00	54.1		6.59	11	48.3	2.3	
ASL32/20A	10.3	2.87	58.3	2900	4.25	5.5	38.6	1.6	47
	17.2	4.79	53.0		5.16	7.5	48.2	1.95	
	20.7	5.75	48.3		5.66	7.5	48.1	2.2	
ASL32/20B	9.8	2.73	52.2	2900	3.62	5.5	38.6	1.6	47
	16.4	4.56	47.7		4.48	7.5	47.5	1.95	
	19.7	5.47	43.2		4.92	7.5	47	2.2	
ASL32/20C	9.3	2.59	47.2	2900	3.24	4	37	1.6	47
	15.6	4.32	42.5		3.87	5.5	46.5	1.95	
	18.7	5.19	38.2		4.22	5.5	46	2.2	
ASL32/20D	8.8	2.45	42.2	2900	2.82	4	36	1.6	47
	14.7	4.09	38.0		3.39	5.5	45	1.95	
	17.7	4.91	34.2		3.72	5.5	44.2	2.2	
ASL32/20E	8.3	2.31	37.5	2900	2.40	2.2	35.5	1.6	47
	13.9	3.86	33.8		2.97	4	43	1.95	
	16.7	4.63	30.4		3.17	4	43.4	2.2	
ASL32/26	16.2	4.50	89.3	2900	11.76	15	33.5	2.1	58
	27.0	7.50	82.0		14.52	18.5	41.5	2.6	
	32.4	9.00	75.3		16.28	18.5	40.8	3.1	
ASL32/26A	15.6	4.35	83.6	2900	10.79	15	33	2.1	58
	26.1	7.24	76.0		13.39	15	40.3	2.6	
	31.3	8.69	70.5		14.83	18.5	40.5	3.1	
ASL32/26B	15.0	4.18	77.5	2900	10.23	15	31	2.1	58
	25.1	6.96	70.2		12.12	15	39.5	2.6	
	30.1	8.35	65.0		13.23	15	40.2	3.1	
ASL32/26C	14.4	4.01	72.0	2900	9.12	15	31	2.1	58
	24.0	6.68	65.0		10.90	15	39	2.6	
	28.8	8.01	59.8		11.74	15	40	3.1	
ASL32/26D	13.8	3.84	66.0	2900	8.13	11	30.5	2.1	58
	23.0	6.39	59.6		9.95	15	37.5	2.6	
	27.6	7.67	54.8		10.84	15	38	3.1	
ASL32/26E	13.2	3.66	60.8	2900	7.28	11	30	2.1	58
	22.0	6.11	55.0		9.09	11	36.2	2.6	
	26.4	7.33	51.0		9.90	11	37	3.1	

Pump model	Capacity		Head	Speed	Power(kW)		Eff.	(NPSH)r	Weight
					Shaft	Motor			
	m³/h	L/S	m	r/min	kW	kW	%	m	kg
ASL40/13	18.0	5.00	25.3	2900	2.03	2.2	61	1.8	31
	30.0	8.33	23.5		2.63	3	73	2	
	36.0	10.00	21.8		2.91	4	73.5	3	
ASL40/13A	16.8	4.67	22.0	2900	1.63	2.2	62	1.8	31
	28.0	7.79	20.2		2.11	3	73.2	2	
	33.7	9.35	18.5		2.32	3	73.2	3	
ASL40/13B	15.5	4.31	18.5	2900	1.28	1.5	61	1.8	31
	25.9	7.19	17.0		1.64	2.2	73	2	
	31.1	8.63	15.3		1.77	2.2	73	3	
ASL40/13C	14.2	3.96	15.5	2900	1.00	1.5	60	1.8	31
	23.7	6.59	13.7		1.23	1.5	72	2	
	28.5	7.91	12.2		1.31	2.2	72	3	
ASL40/13D	12.9	3.60	12.5	2900	0.76	1.1	58	1.8	31
	21.6	5.99	11.0		0.92	1.5	70	2	
	25.9	7.19	9.5		0.97	1.5	69	3	
ASL40/16	18.0	5.00	39.5	2900	3.39	5.5	57	1.5	34
	30.0	8.33	35.0		4.46	5.5	64	2.2	
	36.0	10.00	31.5		5.02	7.5	61.5	3.3	
ASL40/16A	17.1	4.74	34.8	2900	2.89	4	56	1.5	34
	28.4	7.90	30.5		3.74	5.5	63.2	2.2	
	34.1	9.48	27.6		4.20	5.5	61	3.3	
ASL40/16B	16.0	4.45	30.5	2900	2.42	4	55	1.5	34
	26.7	7.42	26.5		3.15	4	61.2	2.2	
	32.1	8.90	23.4		3.46	4	59	3.3	
ASL40/16C	15.0	4.17	26.7	2900	2.06	3	53	1.5	34
	25.0	6.94	22.5		2.62	4	58.5	2.2	
	30.0	8.33	19.5		2.84	4	56	3.3	
ASL40/16D	14.0	3.88	23.1	2900	1.76	3	50	1.5	34
	23.3	6.46	19.5		2.17	3	57	2.2	
	27.9	7.76	16.5		2.28	3	55	3.3	
ASL40/16E	12.9	3.59	19.5	2900	1.43	3	48	1.5	34
	21.5	5.98	16.0		1.71	3	55	2.2	
	25.9	7.18	13.5		1.86	3	51	3.3	
ASL40/20	18.0	5.00	61.5	2900	6.28	7.5	48	1.8	45
	30.0	8.33	56.5		7.95	11	58	2	
	36.0	10.00	53.0		8.88	11	58.5	2.7	
ASL40/20A	17.2	4.79	55.4	2900	5.42	7.5	48	1.8	45
	28.7	7.98	51.0		6.94	11	57.5	2	
	34.5	9.58	47.3		7.65	11	58	2.7	
ASL40/20B	16.4	4.55	49.5	2900	4.70	5.5	47	1.8	45
	27.3	7.59	47.5		6.25	7.5	56.5	2	
	32.8	9.11	42.0		6.58	11	57	2.7	
ASL40/20C	15.6	4.32	44.6	2900	4.10	7.5	46	1.8	45
	25.9	7.20	40.5		5.15	7.5	55.5	2	
	31.1	8.64	36.5		5.62	7.5	55	2.7	
ASL40/20D	14.7	4.09	39.9	2900	3.55	5.5	45	1.8	45
	24.5	6.81	36.0		4.45	7.5	54	2	
	29.4	8.17	32.2		4.82	7.5	53.5	2.7	
ASL40/20E	13.9	3.85	35.4	2900	3.01	5.5	44.5	1.8	45
	23.1	6.42	31.5		3.81	5.5	52	2	
	27.7	7.71	28.2		4.14	5.5	51.5	2.7	
ASL40/26	21.6	6.00	93.0	2900	13.67	15	40	1.8	61
	36.0	10.00	86.5		16.62	18.5	51	2	
	43.2	12.00	81.5		18.08	22	53	2.5	
ASL40/26A	20.9	5.80	86.0	2900	12.21	15	40	1.8	61
	34.8	9.66	80.0		15.06	18.5	50.3	2	
	41.7	11.59	74.5		16.18	18.5	52.3	2.5	
ASL40/26B	20.0	5.57	78.3	2900	10.96	15	39	1.8	61
	33.4	9.28	72.0		13.10	15	50	2.0	
	40.1	11.14	66.0		14.12	18.5	51	2.5	
ASL40/26C	19.2	5.34	71.0	2900	9.78	15	38	1.8	61
	32.0	8.90	66.2		11.91	15	48.5	2	
	38.5	10.68	60.7		12.71	15	50	2.5	
ASL40/26D	18.4	5.11	65.1	2900	8.58	11	38	1.8	61
	30.7	8.52	60.2		10.48	15	48	2	
	36.8	10.23	55.7		11.50	15	48.5	2.5	
ASL40/26E	17.6	4.89	59.4	2900	7.59	11	37.5	1.8	61
	29.3	8.14	54.3		9.22	11	47	2	
	35.2	9.77	50.8		10.25	15	47.5	2.5	
ASL50/13	36.0	10.00	26.0	2900	3.89	5.5	65.5	1.95	35
	60.0	16.67	23.0		4.82	7.5	78	2.5	
	72.0	20.00	20.5		5.36	7.5	75	3.3	
ASL50/13A	33.7	9.35	22.0	2900	3.13	4	64.5	1.95	35
	56.1	15.59	18.6		3.79	5.5	75	2.5	
	67.4	18.71	16.1		4.10	5.5	72	3.3	

Pump model	Capacity		Head	Speed	Power(kW)		Eff.	(NPSH)r	Weight
					Shaft	Motor			
	m³/h	L/S			kW	kW			
ASL50/13B	31.1	8.63	18.3	2900	2.46	4	63	1.95	35
	51.8	14.39	15.0		2.94	4	72	2.5	
	62.2	17.27	12.3		3.06	4	68	3.3	
ASL50/13C	28.5	7.92	15.0	2900	1.88	3	62	1.95	35
	47.5	13.19	11.6		2.17	3	69	2.5	
	57.0	15.83	9.6		2.31	3	64.5	3.3	
ASL50/16	39.0	10.83	42.3	2900	6.96	11	64.5	1.8	39
	65.0	18.05	38.0		8.96	11	75	2.8	
	78.0	21.66	33.8		10.11	11	71	3.2	
ASL50/16A	37.0	10.27	37.5	2900	5.99	7.5	63	1.8	39
	61.6	17.12	33.2		7.68	11	72.5	2.8	
	73.9	20.54	29.5		8.73	11	68	3.2	
ASL50/16B	34.7	9.65	33.3	2900	5.25	7.5	60	1.8	39
	57.9	16.08	29.2		6.67	11	69	2.8	
	69.5	19.29	25.8		7.28	11	67	3.2	
ASL50/16C	32.5	9.03	28.7	2900	4.30	5.5	59	1.8	39
	54.2	15.04	25.0		5.46	7.5	67.5	2.8	
	65.0	18.05	22.1		6.01	7.5	65	3.2	
ASL50/16D	30.2	8.40	24.5	2900	3.48	5.5	58	1.8	39
	50.4	14.00	20.8		4.46	5.5	64	2.8	
	60.5	16.81	18.3		4.86	7.5	62	3.2	
ASL50/16E	28.0	7.78	20.5	2900	2.95	4	53	1.8	39
	46.7	12.97	16.8		3.44	5.5	62	2.8	
	56.0	15.56	14.2		3.64	5.5	59.5	3.2	
ASL50/20	36.0	10.00	62.0	2900	10.48	15	58	2.2	49
	60.0	16.67	56.0		13.07	15	70	3.2	
	72.0	20.00	51.0		14.70	18.5	68	4	
ASL50/20A	34.5	9.58	56.3	2900	8.81	11	60	2.2	49
	57.5	15.97	50.3		11.53	15	68.3	3.2	
	69.0	19.16	44.7		12.82	15	65.5	4	
ASL50/20B	32.8	9.11	51.3	2900	7.77	11	59	2.2	49
	54.7	15.19	44.7		10.01	15	66.5	3.2	
	65.6	18.23	40.0		11.16	15	64	4	
ASL50/20C	31.1	8.65	46.2	2900	6.75	11	58	2.2	49
	51.9	14.41	40.2		8.67	11	65.5	3.2	
	62.3	17.29	35.4		9.68	11	62	4	
ASL50/20D	29.4	8.18	41.3	2900	5.86	7.5	56.5	2.2	49
	49.1	13.63	36.2		7.56	7.5	64	3.2	
	58.9	16.36	31.4		8.60	11	58.5	4	
ASL50/20E	27.8	7.71	36.7	2900	5.14	7.5	54	2.2	49
	46.3	12.85	32.2		6.76	7.5	60	3.2	
	55.5	15.42	27.5		7.42	7.5	56	4	
ASL50/26	39.0	10.83	97.5	2900	20.29	30	51	1.7	65
	65.0	18.05	91.5		26.32	30	61.5	2.5	
	78.0	21.66	87.0		29.31	37	63	3.2	
ASL50/26A	37.7	10.46	90.5	2900	18.19	22	51	1.7	65
	62.8	17.43	84.0		23.53	30	61	2.5	
	75.3	20.92	79.5		26.29	30	62	3.2	
ASL50/26B	36.2	10.05	84.0	2900	16.55	18.5	50	1.7	65
	60.3	16.75	78.0		21.34	30	60	2.5	
	72.4	20.10	73.0		23.57	30	61	3.2	
ASL50/26C	34.7	9.64	77.5	2900	14.79	18.5	49.5	1.7	65
	57.8	16.07	71.0		18.95	22	59	2.5	
	69.4	19.28	66.0		20.78	30	60	3.2	
ASL50/26D	33.2	9.23	71.0	2900	13.10	15	49	1.7	65
	55.4	15.38	65.0		17.05	22	57.5	2.5	
	66.5	18.46	60.5		18.54	22	59	3.2	
ASL50/26E	31.8	8.82	65.0	2900	11.70	15	48	1.7	65
	52.9	14.70	59.4		15.14	18.5	56.5	2.5	
	63.5	17.64	55.2		16.60	18.5	57.5	3.2	
ASL65/13	60.0	16.67	24.5	2900	5.89	7.5	68	3	41
	100.0	27.78	20.5		7.06	11	79	3.75	
	120.0	33.34	17.2		7.39	11	76	4.2	
ASL65/13A	56.1	15.59	20.6	2900	4.63	7.5	68	3	41
	93.5	25.98	16.2		5.38	7.5	76.6	3.75	
	112.2	31.18	13.0		5.59	7.5	71	4.2	
ASL65/13B	51.8	14.39	17.2	2900	3.68	5.5	66	3	41
	86.3	23.98	13.2		4.25	5.5	73	3.75	
	103.6	28.78	10.2		4.29	5.5	67	4.2	
ASL65/16	60.0	16.67	39.7	2900	9.83	15	66	2.7	47
	100.0	27.78	34.0		12.34	15	75	3.5	
	120.0	33.34	29.6		13.16	15	73.5	4.1	
ASL65/16A	56.9	15.81	36.0	2900	8.32	11	67	2.7	47
	94.8	26.34	30.0		10.47	15	74	3.5	
	113.8	31.61	25.8		11.02	15	72.5	4.1	

Pump model	Capacity		Head	Speed	Power(kW)		Eff.	(NPSH)r	Weight
					Shaft	Motor			
	m³/h	L/S			m	r/min			
ASL65/16B	53.5	14.85	32.0	2900	7.16	11	65	2.7	47
	89.1	24.75	26.2		8.75	11	72.6	3.5	
	106.9	29.70	21.8		9.06	11	70	4.1	
ASL65/16C	50.0	13.89	28.0	2900	6.05	7.5	63	2.7	47
	83.3	23.15	22.2		7.09	11	71	3.5	
	100.0	27.78	18.2		7.23	11	68.5	4.1	
ASL65/16D	46.6	12.93	24.2	2900	5.03	7.5	61	2.7	47
	77.6	21.55	19.2		5.89	7.5	69	3.5	
	93.1	25.86	15.5		6.04	7.5	65	4.1	
ASL65/16E	43.1	11.97	20.7	2900	4.06	5.5	60	2.7	47
	71.8	19.96	16.0		4.67	5.5	67	3.5	
	86.2	23.95	12.8		4.77	5.5	63	4.1	
ASL65/20	66.0	18.33	64.2	2900	19.55	22	59	2.4	60
	110.0	30.55	56.5		23.08	30	73.3	3.7	
	132.0	36.66	52.0		25.52	30	73.2	5.2	
ASL65/20A	63.2	17.56	58.2	2900	16.15	18.5	62	2.4	60
	105.4	29.27	50.5		19.84	30	73	3.7	
	126.4	35.12	45.6		21.65	30	72.5	5.2	
ASL65/20B	60.1	16.70	52.9	2900	14.43	18.5	60	2.4	60
	100.2	27.84	46.0		17.31	22	72.5	3.7	
	120.3	33.41	41.4		18.82	22	72	5.2	
ASL65/20C	57.0	15.85	47.6	2900	12.32	15	60	2.4	60
	95.1	26.41	41.4		14.88	22	72	3.7	
	114.1	31.69	37.3		16.19	22	71.5	5.2	
ASL65/20D	54.0	14.99	42.0	2900	10.46	15	59	2.4	60
	89.9	24.98	36.6		12.62	18.5	71	3.7	
	107.9	29.98	32.7		13.63	18.5	70.5	5.2	
ASL65/20E	50.9	14.13	36.8	2900	8.94	11	57	2.4	60
	84.8	23.55	32.0		10.55	15	70	3.7	
	101.8	28.27	28.0		11.41	15	68	5.2	
ASL65/26	72.0	20.00	98.0	2900	30.49	37	63	2.4	87
	120.0	33.33	89.9		39.95	45	73.5	4.2	
	144.0	40.00	82.3		45.12	55	71.5	5.8	
ASL65/26A	69.5	19.32	91.0	2900	27.78	37	62	2.4	87
	115.9	32.19	83.0		35.87	45	73	4.2	
	139.1	38.63	76.0		40.53	45	71	5.8	
ASL65/26B	66.8	18.56	84.5	2900	25.19	30	61	2.4	87
	111.4	30.93	77.0		32.19	37	72.5	4.2	
	133.6	37.12	70.0		35.86	45	71	5.8	
ASL65/26C	64.1	17.80	78.5	2900	23.21	30	59	2.4	87
	106.8	29.67	71.0		28.87	37	71.5	4.2	
	128.2	35.60	64.0		31.67	37	70.5	5.8	
ASL65/26D	61.4	17.04	72.5	2900	20.88	30	58	2.4	87
	102.3	28.41	65.0		25.63	30	70.6	4.2	
	122.7	34.09	59.0		28.16	37	70	5.8	
ASL65/26E	58.6	16.29	66.2	2900	18.38	22	57.5	2.4	87
	97.7	27.14	59.4		23.05	30	68.5	4.2	
	117.3	32.57	50.8		24.95	30	65	5.8	
ASL65/26F	55.9	15.53	59.0	2900	16.32	22	55	2.4	87
	93.2	25.88	52.6		20.37	30	65.5	4.2	
	111.8	31.06	48.0		22.48	30	65	5.8	
ASL80/16	97.2	27.00	40.3	2900	15.23	18.5	70	2.7	53
	162.0	45.00	34.7		19.13	22	80	3.8	
	194.4	54.00	29.3		20.95	30	74	5	
ASL80/16A	92.2	25.60	34.8	2900	12.94	18.5	67.5	2.7	53
	153.6	42.67	29.1		16.01	18.5	76	3.8	
	184.3	51.21	24.2		17.60	22	69	5	
ASL80/16B	86.6	24.05	30.7	2900	11.49	15	63	2.7	53
	144.3	40.09	24.7		13.11	15	74	3.8	
	173.2	48.10	20.1		14.36	18.5	66	5	
ASL80/16C	81.0	22.50	26.9	2900	9.55	11	62	2.7	53
	135.0	37.50	21.6		11.03	15	72	3.8	
	162.0	45.00	17.4		11.99	15	64	5	
ASL80/16D	75.4	20.95	22.8	2900	8.07	11	58	2.7	53
	125.7	34.91	18.2		9.44	11	66	3.8	
	150.8	41.90	14.4		9.85	11	60	5	
ASL80/20	114.0	31.67	60.5	2900	28.02	37	67	3.1	76
	190.0	52.78	52.7		35.04	45	77.8	4.8	
	228.0	63.34	46.0		38.85	45	73.5	5.8	
ASL80/20A	109.2	30.34	55.1	2900	25.20	30	65	4	76
	182.0	50.56	47.9		30.78	37	77.1	4.9	
	218.4	60.67	41.5		34.04	37	72.5	5.85	
ASL80/20B	103.9	28.86	49.6	2900	22.62	30	62	4	76
	173.1	48.09	43.6		27.04	30	76	4.7	
	207.8	57.71	37.6		29.54	37	72	5.5	

Pump model	Capacity		Head	Speed	Power(kW)		Eff.	(NPSH)r	Weight
					Shaft	Motor			
	m³/h	L/S			kW	kW	%	m	kg
ASL80/20C	98.6	27.38	43.8	2900	18.95	30	62	4	76
	164.3	45.63	37.2		22.48	30	74	4.7	
	197.1	54.75	31.8		24.73	30	69	5.5	
ASL80/20D	93.2	25.90	39.2	2900	15.07	18.5	66	4	76
	155.4	43.16	33.3		18.53	22	76	4.7	
	186.5	51.79	28.5		19.26	30	75	5.5	
ASL80/20E	87.9	24.42	34.8	2900	12.73	15	65.5	4	76
	146.5	40.69	29.6		15.63	18.5	75.5	4.7	
	175.8	48.83	25.3		16.25	22	74.5	5.5	
ASL80/26	114.0	31.67	95.0	2900	45.01	55	65.5	2.6	95
	190.0	52.78	83.5		57.59	75	75	4.2	
	228.0	63.34	74.0		63.79	75	72	5.8	
ASL80/26A	110.1	30.59	87.5	2900	40.35	55	65	3.95	95
	183.5	50.98	76.5		51.30	75	74.5	5.2	
	220.2	61.18	69.0		56.51	75	73.2	6.25	
ASL80/26B	105.8	29.39	80.1	2900	36.05	45	64	3.9	95
	176.3	48.98	70.0		45.41	55	74	5	
	211.6	58.78	62.0		50.09	55	71.3	6	
ASL80/26C	101.5	28.19	73.3	2900	32.14	45	63	3.9	95
	169.1	46.98	63.0		39.68	55	73.1	5	
	203.0	56.38	55.1		42.88	55	71	6	
ASL80/26D	97.2	26.99	66.5	2900	28.37	37	62	3.9	95
	161.9	44.98	57.0		34.75	45	72.3	5	
	194.3	53.98	49.6		37.22	45	70.5	6	
ASL80/26E	92.8	25.79	60.1	2900	24.90	30	61	3.9	95
	154.7	42.98	50.3		30.05	37	70.5	5	
	185.7	51.58	44.5		32.13	37	70	6	
ASL80/26F	88.5	24.59	54.0	2900	21.87	30	59.5	3.9	95
	147.5	40.98	45.1		25.88	37	70	5	
	177.1	49.18	39.8		27.60	37	69.5	6	
ASL100/16	151.2	42.00	34.5	2900	21.04	30	67.5	4	87
	252.0	70.00	26.7		23.94	30	76.5	4.6	
	302.4	84.00	20.8		24.12	30	71	6.1	
ASL100/16A	141.8	39.38	30.0	2900	17.41	22	66.5	4.9	87
	236.3	65.63	23.0		19.72	22	75	4.9	
	283.5	78.75	17.7		20.09	22	68	5.4	
ASL100/16B	133.2	36.99	25.8	2900	14.39	18.5	65	4.8	87
	221.9	61.65	19.2		16.11	18.5	72	4.8	
	266.3	73.98	14.6		16.16	18.5	65.5	5.3	
ASL100/16C	124.6	34.60	22.8	2900	12.08	15	64	4.7	87
	207.6	57.67	16.2		13.08	15	70	4.7	
	249.1	69.20	12.0		13.13	15	62	5.2	
ASL100/20	171.0	47.50	58.7	2900	39.04	45	70	3.9	94
	285.0	79.17	50.1		48.59	55	80	5.8	
	342.0	95.00	42.0		52.49	75	74.5	6.9	
ASL100/20A	163.8	45.50	53.2	2900	34.38	45	69	3.9	94
	273.0	75.84	44.3		41.68	55	79	5.8	
	327.6	91.01	37.0		44.90	55	73.5	6.9	
ASL100/20B	155.8	43.28	47.0	2900	29.32	37	68	3.9	94
	259.7	72.14	38.7		35.53	45	77	5.8	
	311.6	86.57	31.5		37.91	45	70.5	6.9	
ASL100/20C	147.8	41.06	42.0	2900	25.61	30	66	3.9	94
	246.4	68.44	33.0		30.11	37	73.5	5.8	
	295.7	82.13	26.3		31.36	37	67.5	6.9	
ASL100/20D	139.8	38.85	37.2	2900	22.48	30	63	3.9	94
	233.1	64.74	28.7		26.01	30	70	5.8	
	279.7	77.69	21.8		25.93	30	64	6.9	
ASL100/20E	131.9	36.63	32.0	2900	19.30	30	59.5	3.9	94
	219.8	61.04	24.0		21.27	30	67.5	5.8	
	263.7	73.25	18.0		21.54	30	60	6.9	
ASL100/26	177.0	49.16	95.0	2900	70.42	90	65	3.9	102
	295.0	81.94	85.0		87.51	110	78	5.8	
	354.0	98.33	75.0		95.72	110	75.5	7	
ASL100/26A	171.0	47.49	88.0	2900	63.01	75	65	3.9	102
	284.9	79.15	78.2		78.57	90	77.2	5.8	
	341.9	94.98	69.0		85.63	110	75	7	
ASL100/26B	164.3	45.63	81.5	2900	56.94	75	64	3.9	102
	273.8	76.04	71.5		70.48	90	75.6	5.8	
	328.5	91.25	63.0		76.13	90	74	7	
ASL100/26C	157.5	43.76	75.0	2900	51.04	75	63	3.9	102
	262.6	72.94	65.2		62.56	75	74.5	5.8	
	315.1	87.53	56.8		67.20	75	72.5	7	
ASL100/26D	150.8	41.90	68.7	2900	45.52	55	62	3.9	102
	251.4	69.84	58.5		55.22	75	72.5	5.8	
	301.7	83.80	50.5		59.25	75	70	7	

Pump model	Capacity		Head	Speed	Power(kW)		Eff.	(NPSH)r	Weight
					Shaft	Motor			
	m³/h	L/S	m	r/min	kW	kW	%	m	kg
ASL100/26E	144.1	40.04	62.3	2900	39.75	55	61.5	3.9	102
	240.2	66.73	52.4		48.61	75	70.5	5.8	
	288.3	80.08	44.5		51.36	75	68	7	
ASL100/26F	137.4	38.18	56.0	2900	36.12	45	58	3.9	102
	229.1	63.63	46.4		41.93	55	69	5.8	
	274.9	76.35	38.0		45.13	55	63	7	
ASL125/20	216.0	60.00	56.5	2900	55.84	75	59.5	4.7	112
	360.0	100.00	49.0		64.89	90	74	6.5	
	432.0	120.00	42.5		68.94	90	72.5	7.2	
ASL125/20A	206.9	57.48	51.7	2900	50.21	55	58	4.7	112
	344.9	95.79	43.6		56.46	75	72.5	6.5	
	413.8	114.95	37.0		58.46	75	71.3	7.2	
ASL125/20B	196.8	54.67	46.3	2900	43.52	55	57	4.7	112
	328.0	91.12	37.8		47.21	55	71.5	6.5	
	393.6	109.35	31.5		48.92	55	69	7.2	
ASL125/20C	186.7	51.87	40.6	2900	38.22	45	54	4.7	112
	311.2	86.45	32.3		39.09	45	70	6.5	
	373.5	103.74	26.2		40.36	45	66	7.2	
ASL32/13	4.3	1.21	6.7	1450	0.17	0.55	47	1.7	29
	7.2	2.01	6.2		0.21	0.55	58	2	
	8.7	2.41	5.8		0.23	0.55	59	2.1	
ASL32/13A	4.1	1.13	5.7	1450	0.14	0.55	46	1.7	29
	6.8	1.88	5.2		0.17	0.55	56.5	2	
	8.1	2.26	4.8		0.18	0.55	58	2.1	
ASL32/13B	3.7	1.04	4.7	1450	0.11	0.55	45	1.7	29
	6.2	1.74	4.2		0.13	0.55	55	2	
	7.5	2.08	3.9		0.14	0.55	56	2.1	
ASL32/16	5.2	1.45	10.6	1450	0.32	0.55	47.5	1.8	3
	8.7	2.41	10.1		0.43	0.55	55	2	
	10.4	2.89	9.5		0.48	0.75	56	2.2	
ASL32/16A	4.9	1.37	9.5	1450	0.28	0.55	45	1.8	35
	8.2	2.29	9.0		0.37	0.55	55	2	
	9.9	2.74	8.5		0.41	0.55	55.5	2.2	
ASL32/16B	4.6	1.29	8.4	1450	0.24	0.55	44	1.8	35
	7.7	2.15	7.8		0.31	0.55	53.5	2	
	9.3	2.58	7.3		0.34	0.55	54	2.2	
ASL32/20	5.2	1.45	16.0	1450	0.61	0.75	37	1.9	47
	8.7	2.41	14.7		0.75	1.1	46.5	2	
	10.4	2.89	13.6		0.81	1.1	47.5	2.3	
ASL32/20A	5.0	1.39	14.6	1450	0.55	0.75	36	1.9	47
	8.3	2.31	13.2		0.65	1.1	46	2	
	10.0	2.77	12.1		0.71	1.1	46.5	2.3	
ASL32/20B	4.7	1.32	13.2	1450	0.49	0.75	34.5	1.9	47
	7.9	2.20	11.9		0.57	0.75	45	2	
	9.5	2.64	10.9		0.63	0.75	45	2.3	
ASL32/26	6.6	1.83	23.7	1450	1.42	2.2	30	1.8	58
	11.0	3.05	22.4		1.76	2.2	38	2.1	
	13.2	3.66	21.4		1.92	3	40	2.4	
ASL32/26A	6.4	1.77	21.8	1450	1.26	2.2	30	1.8	58
	10.6	2.95	20.9		1.63	2.2	37	2.1	
	12.7	3.54	19.9		1.75	2.2	39.5	2.4	
ASL32/26B	6.1	1.70	20.2	1450	1.16	2.2	29	1.8	58
	10.2	2.83	19.3		1.45	2.2	37	2.1	
	12.2	3.40	18.5		1.58	2.2	39	2.4	
ASL40/13	8.7	2.42	6.4	1450	0.26	0.55	59	1.8	31
	14.5	4.03	6.0		0.33	0.55	71	2	
	17.4	4.84	5.6		0.37	0.55	72	2.4	
ASL40/13A	8.1	2.26	5.6	1450	0.21	0.55	58	1.8	31
	13.6	3.77	5.2		0.27	0.55	71	2	
	16.3	4.52	4.8		0.30	0.55	71	2.4	
ASL40/16	8.7	2.42	10.0	1450	0.40	0.55	59	1.8	34
	14.5	4.03	9.0		0.56	0.75	63	2	
	17.4	4.84	8.1		0.62	1.1	61.5	2.4	
ASL40/16A	8.3	2.29	8.9	1450	0.35	0.55	57	1.8	34
	13.8	3.82	8.0		0.48	0.75	62	2	
	16.5	4.59	7.2		0.54	0.75	60	2.4	
ASL40/20	8.7	2.42	15.5	1450	0.77	1.1	48	1.8	45
	14.5	4.03	14.3		0.99	1.5	57	2.2	
	17.4	4.84	13.2		1.09	1.5	57.5	2.5	
ASL40/20A	8.3	2.32	14.0	1450	0.66	1.1	48	1.8	45
	13.9	3.86	13.0		0.88	1.1	56	2.2	
	16.7	4.63	12.0		0.96	1.5	57	2.5	
ASL40/20B	7.9	2.20	12.7	1450	0.60	1.1	46	1.8	45
	13.2	3.67	11.6		0.76	1.1	55	2.2	
	15.9	4.41	10.8		0.84	1.1	55.5	2.5	

Pump model	Capacity		Head	Speed	Power(kW)		Eff.	(NPSH)r	Weight
					Shaft	Motor			
	m³/h	L/S			kW	kW			
ASL40/26	9.6	2.66	24.0	1450	1.65	2.2	38	1.8	61
	16.0	4.44	22.7		2.02	2.2	49	1.9	
	19.2	5.33	21.7		2.22	3	51	2.2	
ASL40/26A	9.3	2.57	22.0	1450	1.50	2.2	37	1.8	61
	15.4	4.29	20.7		1.83	3	47.5	1.9	
	18.5	5.15	19.6		1.98	3	50	2.2	
ASL40/26B	8.9	2.47	20.3	1450	1.37	2.2	36	1.8	61
	14.8	4.12	18.9		1.64	2.2	46.5	1.9	
	17.8	4.94	18.0		1.76	2.2	49.5	2.2	
ASL40/26C	8.5	2.37	18.4	1450	1.26	2.2	34	1.8	61
	14.2	3.95	17.3		1.47	2.2	45.5	1.9	
	17.1	4.74	16.4		1.57	2.2	48.5	2.2	
ASL40/26D	8.2	2.27	16.8	1450	1.13	1.5	33	1.8	61
	13.6	3.78	15.7		1.29	2.2	45	1.9	
	16.3	4.54	15.0		1.42	2.2	47	2.2	
ASL40/32	10.8	3.00	37.5	1450	3.56	5.5	31	2.1	94
	18.0	5.00	35.6		4.36	5.5	40	2.3	
	21.6	6.00	33.8		4.73	5.5	42	2.5	
ASL40/32A	10.3	2.87	33.9	1450	3.13	4	30.5	2.1	94
	17.2	4.79	32.0		3.75	5.5	40	2.3	
	20.7	5.74	30.5		4.09	5.5	42	2.5	
ASL40/32B	9.8	2.74	30.6	1450	2.73	4	30	2.1	94
	16.4	4.56	29.0		3.32	4	39	2.3	
	19.7	5.47	27.6		3.61	5.5	41	2.5	
ASL40/32C	9.4	2.60	27.8	1450	2.36	3	30	2.1	94
	15.6	4.33	26.0		2.94	4	37.5	2.3	
	18.7	5.20	24.4		3.11	4	40	2.5	
ASL50/13	17.4	4.82	6.8	1450	0.54	0.75	59	2.2	35
	28.9	8.04	6.3		0.69	1.1	72	2.4	
	34.7	9.65	5.8		0.75	1.1	73	2.7	
ASL50/13A	16.2	4.51	5.8	1450	0.44	0.75	58.5	2.2	35
	27.1	7.52	5.2		0.53	0.75	72	2.4	
	32.5	9.02	4.7		0.58	0.75	72	2.7	
ASL50/16	18.5	5.15	10.5	1450	0.81	1.1	65	2.1	39
	30.9	8.58	9.5		1.08	1.5	74	2.2	
	37.1	10.30	8.8		1.27	1.5	70	2.4	
ASL50/16A	17.6	4.88	9.4	1450	0.71	1.1	64	2.1	39
	29.3	8.14	8.5		0.93	1.5	73	2.2	
	35.1	9.76	7.8		1.02	1.5	73	2.4	
ASL50/16B	16.5	4.59	8.3	1450	0.61	1.1	61	2.1	39
	27.5	7.64	7.5		0.78	1.1	72	2.2	
	33.0	9.17	6.9		0.86	1.1	72	2.4	
ASL50/20	18.0	5.00	15.3	1450	1.27	2.2	59	1.3	49
	30.0	8.33	13.3		1.67	2.2	65	1.5	
	36.0	10.00	11.8		1.86	2.2	62	1.8	
ASL50/20A	17.2	4.79	14.0	1450	1.15	1.5	57.5	1.3	49
	28.7	7.98	12.0		1.45	2.2	64.5	1.5	
	34.5	9.58	10.6		1.63	2.2	61	1.8	
ASL50/20B	16.4	4.55	12.5	1450	1.02	1.5	54.5	1.3	49
	27.3	7.59	10.7		1.26	2.2	63	1.5	
	32.8	9.11	9.4		1.40	2.2	60	1.8	
ASL50/26	19.2	5.33	25.0	1450	2.47	3	53	1.7	68
	32.0	8.89	23.5		3.25	4	63	1.8	
	38.4	10.67	22.3		3.64	5.5	64	1.9	
ASL50/26A	18.5	5.15	23.1	1450	2.26	3	51.5	1.7	68
	30.9	8.59	21.7		2.95	4	62	1.8	
	37.1	10.30	20.6		3.30	5.5	63	1.9	
ASL50/26B	17.8	4.95	21.4	1450	2.02	3	51.5	1.7	68
	29.7	8.25	20.0		2.61	4	62	1.8	
	35.6	9.90	19.1		2.92	4	63.5	1.9	
ASL50/26C	17.1	4.75	19.8	1450	1.81	3	51	1.7	68
	28.5	7.91	18.6		2.36	3	61	1.8	
	34.2	9.50	17.7		2.61	4	63	1.9	
ASL50/26D	16.4	4.55	18.2	1450	1.62	2.2	50	1.7	68
	27.3	7.58	17.0		2.10	3	60	1.8	
	32.7	9.09	16.1		2.33	3	61.5	1.9	
ASL50/32	30.2	8.40	35.6	1450	5.64	7.5	52	1.5	105
	50.4	14.00	31.1		7.36	11	58	2.2	
	60.5	16.80	27.8		8.32	11	55	2.7	
ASL50/32A	29.0	8.04	32.5	1450	4.93	7.5	52	1.5	105
	48.3	13.40	27.3		6.24	7.5	57.5	2.2	
	57.9	16.09	24.9		7.14	11	55	2.7	
ASL50/32B	27.6	7.66	29.4	1450	4.24	5.5	52	1.5	105
	46.0	12.77	25.1		5.51	7.5	57	2.2	
	55.1	15.32	22.4		6.23	7.5	54	2.7	

Pump model	Capacity		Head	Speed	Power(kW)		Eff.	(NPSH)r	Weight
					Shaft	Motor			
	m³/h	L/S	m	r/min	kW	kW	%	m	kg
ASL50/32C	26.2	7.28	26.1	1450	3.58	5.5	52	1.5	105
	43.7	12.13	22.4		4.75	7.5	56	2.2	
	52.4	14.55	19.6		5.23	7.5	53.5	2.7	
ASL50/32D	24.8	6.89	23.0	1450	2.99	4	52	1.5	105
	41.4	11.49	19.8		3.98	5.5	56	2.2	
	49.6	13.79	17.2		4.47	5.5	52	2.7	
ASL50/32E	23.4	6.51	20.2	1450	2.48	4	52	1.5	105
	39.1	10.85	19.8		3.83	4	55	2.2	
	46.9	13.02	14.9		3.66	4	52	2.7	
ASL65/13	29.0	8.05	6.4	1450	0.78	1.1	65	2.3	41
	48.3	13.41	5.5		0.93	1.5	78	2.4	
	57.9	16.09	4.8		0.98	1.5	77	2.7	
ASL65/16	30.0	8.33	10.2	1450	1.26	2.2	66	2	47
	50.0	13.89	8.8		1.54	2.2	78	2.3	
	60.0	16.67	7.8		1.65	2.2	77	2.6	
ASL65/16A	28.5	7.90	9.2	1450	1.08	1.5	65.5	2	47
	47.4	13.17	7.5		1.26	2.2	77	2.3	
	56.9	15.81	6.7		1.38	2.2	75	2.6	
ASL65/20	33.0	9.16	15.6	1450	2.15	3	65	1.7	60
	55.0	15.27	13.7		2.83	4	72.5	1.9	
	66.0	18.32	11.4		2.88	4	71	2.1	
ASL65/20A	31.6	8.78	14.1	1450	1.89	3	64	1.7	60
	52.7	14.63	12.4		2.45	3	72.5	1.9	
	63.2	17.55	11.1		2.65	3	72	2.1	
ASL65/20B	30.1	8.35	12.8	1450	1.68	2.2	62	1.7	60
	50.1	13.91	11.2		2.12	3	72	1.9	
	60.1	16.70	10.0		2.28	3	72	2.1	
ASL65/20C	28.5	7.92	11.4	1450	1.47	2.2	60	1.7	60
	47.5	13.20	10.0		1.81	2.2	71.5	1.9	
	57.0	15.84	9.0		1.98	2.2	71	2.1	
ASL65/26	36.0	10.00	24.6	1450	4.09	5.5	59	1.7	87
	60.0	16.67	23.0		5.22	7.5	72	1.9	
	72.0	20.00	21.7		5.83	7.5	73	2	
ASL65/26A	34.8	9.66	22.7	1450	3.64	5.5	59	1.7	87
	58.0	16.10	21.5		4.70	7.5	72	1.9	
	69.6	19.32	20.0		5.19	7.5	73	2	
ASL65/26B	33.4	9.28	21.0	1450	3.29	4	58	1.7	87
	55.7	15.47	19.8		4.23	5.5	71	1.9	
	66.8	18.56	18.3		4.59	5.5	72.5	2	
ASL65/26C	32.1	8.90	19.6	1450	3.00	4	57	1.7	87
	53.4	14.84	18.2		3.79	5.5	70	1.9	
	64.1	17.81	17.0		4.12	5.5	72	2	
ASL65/26D	30.7	8.52	18.1	1450	2.70	4	56	1.7	87
	51.1	14.21	16.7		3.37	5.5	69	1.9	
	61.4	17.05	15.3		3.70	5.5	69	2	
ASL65/32	39.0	10.84	37.0	1450	7.28	11	54	1.9	120
	65.0	18.06	34.0		9.40	11	64	2	
	78.0	21.67	31.7		10.36	15	65	2.1	
ASL65/32A	37.3	10.37	33.4	1450	6.35	7.5	53.5	1.9	120
	62.2	17.29	30.6		8.10	11	64	2	
	74.7	20.75	28.4		8.95	11	64.5	2.1	
ASL65/32B	35.6	9.88	30.0	1450	5.48	7.5	53	1.9	120
	59.3	16.47	27.2		6.86	11	64	2	
	71.1	19.76	24.8		7.50	11	64	2.1	
ASL65/32C	33.8	9.39	27.0	1450	4.78	7.5	52	1.9	120
	56.3	15.64	24.2		5.84	7.5	63.5	2	
	67.6	18.77	21.8		6.32	7.5	63.5	2.1	
ASL65/32D	32.0	8.89	24.2	1450	4.18	5.5	50.5	1.9	12
	53.4	14.82	21.4		4.97	7.5	62.5	2	
	64.0	17.79	19.0		5.34	7.5	62	2.1	
ASL65/32E	30.2	8.40	21.1	1450	3.54	5.5	49	1.9	120
	50.4	14.00	19.0		4.20	5.5	62	2	
	60.5	16.80	16.6		4.55	5.5	60	2.1	
ASL80/16	48.0	13.33	9.9	1450	1.96	3	66	2.3	53
	80.0	22.22	8.8		2.46	3	78	2.5	
	96.0	26.66	7.9		2.68	3	77	3.7	
ASL80/16A	45.5	12.64	8.7	1450	1.66	2.2	65	2.3	53
	75.9	21.07	7.5		2.00	3	77.5	2.5	
	91.0	25.28	6.5		2.15	3	75	3.7	
ASL80/16B	42.8	11.88	7.5	1450	1.39	2.2	63	2.3	53
	71.3	19.79	6.3		1.60	2.2	76.5	2.5	
	85.5	23.75	5.3		1.73	2.2	71.5	3.7	
ASL80/20	57.0	15.83	15.4	1450	3.46	5.5	69	1.9	76
	95.0	26.39	14.1		4.50	5.5	81	2	
	114.0	31.67	13.1		4.99	7.5	81.5	2.4	

Pump model	Capacity		Head	Speed	Power(kW)		Eff.	(NPSH)r	Weight
					Shaft	Motor			
	m³/h	L/S			kW	kW			
ASL80/20A	54.6	15.17	14.0	1450	3.06	4	68	1.9	76
	91.0	25.28	12.7		3.88	5.5	81	2	
	109.2	30.34	11.6		4.26	5.5	81	2.4	
ASL80/20B	51.9	14.43	12.6	1450	2.74	4	65	1.9	76
	86.6	24.05	11.2		3.30	4	80	2	
	103.9	28.86	10.1		3.57	4	80	2.4	
ASL80/20C	49.3	13.69	11.3	1450	2.41	3	63	1.9	76
	82.1	22.81	10.0		2.85	4	78.5	2	
	98.6	27.38	8.8		3.03	4	78	2.4	
ASL80/26	57.0	15.83	24.0	1450	5.64	7.5	66	1.6	95
	95.0	26.39	21.5		7.32	11	76	2	
	114.0	31.67	19.5		8.07	11	75	2.4	
ASL80/26A	55.1	15.29	22.4	1450	4.94	7.5	68	1.6	95
	91.8	25.49	20.1		6.68	11	75	2	
	110.1	30.59	17.9		7.45	11	72	2.4	
ASL80/26B	52.9	14.69	20.7	1450	4.44	5.5	67	1.6	95
	88.2	24.49	18.2		5.79	7.5	75.5	2	
	105.8	29.39	16.3		6.34	7.5	74	2.4	
ASL80/26C	50.7	14.09	19.2	1450	3.99	5.5	66.5	1.6	95
	84.6	23.49	16.5		5.06	7.5	75	2	
	101.5	28.19	14.7		5.56	7.5	73	2.4	
ASL80/32	60.0	16.67	35.8	1450	10.08	15	58	1.5	130
	100.0	27.78	33.4		13.18	18.5	69	1.8	
	120.0	33.34	31.3		14.40	18.5	71	2	
ASL80/32A	57.5	15.96	32.5	1450	8.92	11	57	1.5	130
	95.8	26.60	30.1		11.21	15	70	1.8	
	114.9	31.92	28.4		12.56	15	70.7	2	
ASL80/32B	54.7	15.20	29.7	1450	7.83	11	56.5	1.5	130
	91.2	25.33	27.5		9.75	15	70	1.8	
	109.4	30.40	25.6		10.79	15	70.7	2	
ASL80/32C	52.0	14.44	26.8	1450	6.77	11	56	1.5	130
	86.6	24.06	24.9		8.38	11	70.1	1.8	
	104.0	28.88	22.8		9.14	11	70.6	2	
ASL80/32D	49.2	13.68	23.3	1450	5.58	7.5	56	1.5	130
	82.1	22.80	21.5		6.83	11	70.3	1.8	
	98.5	27.36	19.7		7.50	11	70.4	2	
ASL80/32E	46.5	12.92	20.4	1450	4.53	5.5	57	1.5	130
	77.5	21.53	18.8		5.63	7.5	70.5	1.8	
	93.0	25.84	17.1		6.15	7.5	70.4	2	
ASL80/40	60.0	16.67	56.5	1450	17.92	22	51.5	1.8	160
	100.0	27.78	52.2		23.11	30	61.5	2	
	120.0	33.34	47.8		25.52	30	61.2	2.3	
ASL80/40A	58.0	16.10	52.1	1450	15.81	22	52	2.2	160
	96.6	26.83	47.8		20.44	30	61.5	2.4	
	115.9	32.19	44.2		22.82	30	61.1	3.2	
ASL80/40B	55.8	15.49	48.3	1450	14.37	18.5	51	2.2	160
	92.9	25.81	44.2		18.18	22	61.5	2.4	
	111.5	30.97	40.2		20.34	30	60	3	
ASL80/40C	53.5	14.87	44.2	1450	12.51	15	51.5	2.2	160
	89.2	24.79	40.2		15.93	18.5	61.3	2.3	
	107.1	29.75	36.7		17.83	22	60	2.8	
ASL80/40D	51.3	14.26	40.2	1450	11.02	15	51	2.2	160
	85.6	23.77	36.5		14.08	18.5	60.4	2.3	
	102.7	28.53	33.3		15.73	22	59.2	2.8	
ASL80/40E	49.1	13.65	36.8	1450	9.95	15	49.5	2.2	160
	81.9	22.75	33.5		12.53	15	59.6	2.3	
	98.3	27.30	30.4		13.86	18.5	58.7	2.8	
ASL80/40F	46.9	13.04	33.2	1450	8.84	11	48	2.2	160
	78.2	21.73	30.4		11.11	15	58.3	2.3	
	93.9	26.08	27.8		12.40	15	57.3	2.8	
ASL100/16	75.6	21.00	8.8	1450	2.70	4	67	2	87
	126.0	35.00	7.2		3.05	4	81	2.1	
	151.2	42.00	5.8		3.11	4	76.2	2.7	
ASL100/16A	70.9	19.69	7.8	1450	2.21	3	68	2	87
	118.1	32.81	6.2		2.51	3	79.5	2.1	
	141.8	39.38	5.5		2.70	3	78.5	2.7	
ASL100/20	85.2	23.66	14.9	1450	4.94	7.5	70	1.7	94
	142.0	39.44	13.0		6.28	7.5	80	1.9	
	170.4	47.33	11.1		6.86	11	75	2.2	
ASL100/20A	81.6	22.67	13.4	1450	4.25	5.5	70	1.7	94
	136.0	37.78	11.5		5.39	7.5	79	1.9	
	163.2	45.34	9.8		5.77	7.5	75.5	2.2	
ASL100/20B	77.6	21.56	12.1	1450	3.77	5.5	68	1.7	94
	129.4	35.94	10.0		4.57	5.5	77	1.9	
	155.3	43.13	8.3		4.74	5.5	74	2.2	

Pump model	Capacity		Head	Speed	Power(kW)		Eff.	(NPSH)r	Weight
					Shaft	Motor			
	m³/h	L/S	m	r/min	kW	kW	%	m	kg
ASL100/20C	73.6	20.46	10.8	1450	3.23	4	67	1.7	94
	122.7	34.10	8.7		3.85	5.5	75.5	1.9	
	147.3	40.91	7.1		4.01	5.5	71	2.2	
ASL100/26	88.8	24.67	24.7	1450	8.91	11	67	1.8	102
	148.0	41.11	22.0		11.36	15	78	2	
	177.6	49.33	19.6		12.63	15	75	2.3	
ASL100/26A	85.8	23.83	22.8	1450	8.01	11	66.5	1.8	102
	143.0	39.71	20.4		10.38	15	76.5	2	
	171.5	47.65	18.0		11.44	15	73.5	2.3	
ASL100/26B	82.4	22.89	21.1	1450	7.17	7.5	66	1.8	102
	137.3	38.15	18.8		9.39	11	75	2	
	164.8	45.78	16.6		10.21	11	73	2.3	
ASL100/26C	79.0	21.96	19.3	1450	6.39	7.5	65	1.8	102
	131.7	36.59	17.0		8.29	11	73.5	2	
	158.1	43.91	14.9		9.03	11	71	2.3	
ASL100/32	81.0	22.50	38.0	1450	12.32	15	68	2	118
	135.0	37.50	34.0		16.10	22	77.6	2.2	
	162.0	45.00	30.2		18.24	22	73	2.7	
ASL100/32A	77.6	21.54	34.4	1450	10.84	15	67	2	118
	129.3	35.90	31.0		14.31	18.5	76.2	2.2	
	155.1	43.09	27.6		16.19	22	72	2.7	
ASL100/32B	73.9	20.52	31.1	1450	9.47	15	66	2	118
	123.1	34.19	28.0		12.68	18.5	74	2.2	
	147.7	41.03	25.0		14.16	18.5	71	2.7	
ASL100/32C	70.2	19.49	28.2	1450	8.29	11	65	2	118
	116.9	32.48	25.0		11.13	15	71.5	2.2	
	140.3	38.98	22.1		12.70	15	66.5	2.7	
ASL100/32D	66.5	18.47	25.7	1450	7.50	11	62	2	118
	110.8	30.78	22.3		9.89	11	68	2.2	
	132.9	36.93	19.8		11.13	15	64.5	2.7	
ASL100/40	90.7	25.20	56.8	1450	22.62	30	62	1.5	176
	151.2	42.00	51.8		30.03	37	71	1.8	
	181.4	50.40	47.0		34.39	45	67.5	2.1	
ASL100/40A	87.6	24.34	52.4	1450	20.49	30	61	1.5	176
	146.0	40.56	47.4		27.11	37	69.5	1.8	
	175.2	48.67	42.6		30.79	37	66	2.1	
ASL100/40B	84.3	23.41	48.2	1450	18.43	30	60	1.5	176
	140.5	39.02	43.4		24.77	37	67	1.8	
	168.6	46.83	38.8		27.18	37	65.5	2.1	
ASL100/40C	81.0	22.49	44.5	1450	16.91	22	58	1.5	176
	134.9	37.48	39.5		21.82	30	66.5	1.8	
	161.9	44.98	35.0		24.11	30	64	2.1	
ASL100/40D	77.6	21.56	40.6	1450	14.92	18.5	57.5	1.5	176
	129.4	35.94	35.9		19.45	22	65	1.8	
	155.3	43.13	31.7		21.44	30	62.5	2.1	
ASL100/40E	74.3	20.64	37.5	1450	13.55	18.5	56	1.5	176
	123.8	34.40	32.9		17.33	22	64	1.8	
	148.6	41.28	28.8		19.10	22	61	2.1	
ASL100/40F	71.0	19.72	34.0	1450	11.94	15	55	1.5	176
	118.3	32.86	29.8		15.23	18.5	63	1.8	
	142.0	39.43	25.8		16.90	22	59	2.1	
ASL125/20	114.5	31.80	15.0	1450	7.54	11	62	1.3	112
	190.8	53.00	13.3		8.74	11	79	1.7	
	229.0	63.60	11.7		9.29	11	78.5	1.85	
ASL125/20A	109.7	30.46	13.3	1450	6.51	11	61	1.3	112
	182.8	50.77	11.5		7.43	11	77	1.7	
	219.3	60.93	9.9		7.78	11	76	1.85	
ASL125/20B	104.3	28.98	11.7	1450	5.63	7.5	59	1.3	112
	173.9	48.29	9.7		6.12	7.5	75	1.7	
	208.6	57.95	8.1		6.39	7.5	72	1.85	
ASL125/26	144.0	40.00	24.0	1450	13.25	18.5	71	2.2	117
	240.0	66.67	22.2		17.27	22	84	2.8	
	288.0	80.00	20.5		19.25	22	83.5	3.3	
ASL125/26A	139.1	38.64	21.9	1450	11.68	15	71	2.2	117
	231.8	64.40	20.1		15.19	18.5	83.5	2.8	
	278.2	77.28	18.3		16.70	22	83	3.3	
ASL125/26B	133.6	37.12	20.0	1450	10.39	15	70	2.2	117
	222.7	61.87	18.3		13.37	18.5	83	2.8	
	267.3	74.25	16.5		14.73	18.5	81.5	3.3	
ASL125/26C	128.2	35.61	18.3	1450	9.12	11	70	2.2	117
	213.6	59.35	16.4		11.78	15	81	2.8	
	256.4	71.22	14.5		12.65	15	80	3.3	
ASL125/32	120.1	33.36	35.0	1450	17.60	22	65	1.7	155
	200.2	55.60	32.7		22.41	30	79.5	2.2	
	240.2	66.72	30.8		24.86	30	81	2.7	

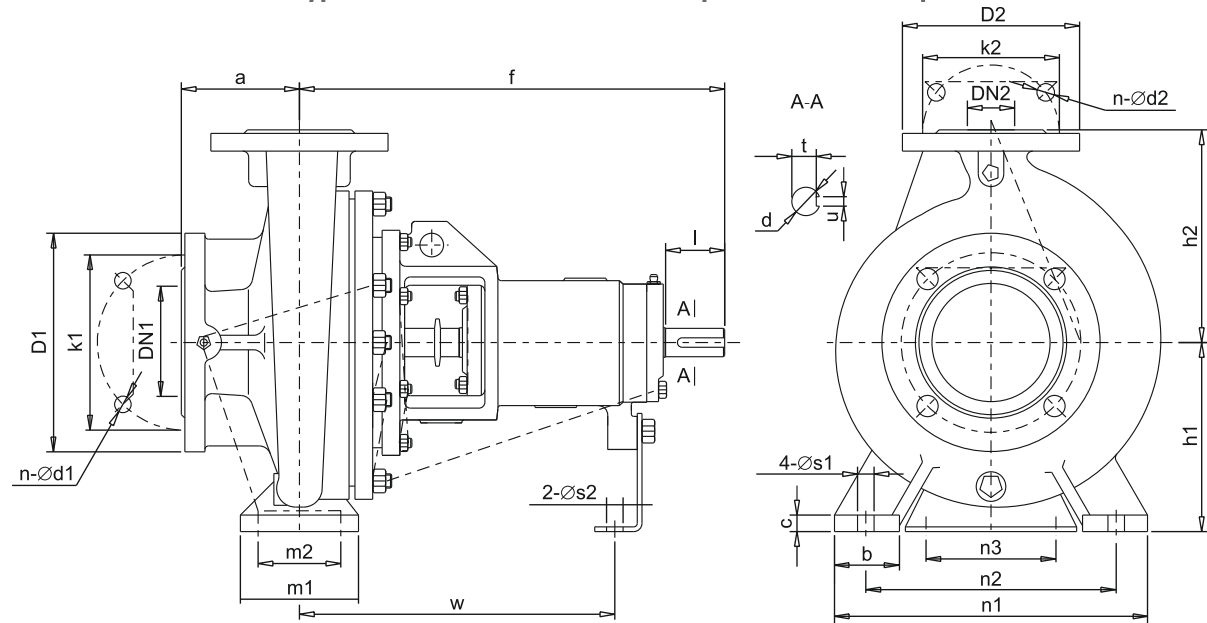
Pump model	Capacity		Head	Speed	Power(kW)		Eff.	(NPSH)r	Weight
					Shaft	Motor			
	m³/h	L/S			kW	kW			
ASL125/32A	115.0	31.94	31.9	1450	15.36	18.5	65	1.7	155
	191.6	53.23	29.9		19.75	30	79	2.2	
	230.0	63.88	28.2		22.07	30	80	2.7	
ASL125/32B	109.5	30.42	29.0	1450	13.40	18.5	64.5	1.7	155
	182.5	50.70	27.0		17.09	22	78.5	2.2	
	219.0	60.84	25.5		19.00	22	80	2.7	
ASL125/32C	104.0	28.90	26.2	1450	11.59	15	64	1.7	155
	173.4	48.16	24.4		14.77	18.5	78	2.2	
	208.1	57.80	22.9		16.21	18.5	80	2.7	
ASL125/32D	98.6	27.38	23.2	1450	9.73	11	64	1.7	155
	164.3	45.63	21.4		12.59	15	76	2.2	
	197.1	54.76	19.9		13.69	15	78	2.7	
ASL125/32E	93.1	25.86	20.6	1450	8.42	11	62	1.7	155
	155.1	43.09	18.8		10.73	15	74	2.2	
	186.2	51.71	17.3		11.54	15	76	2.7	
ASL125/40	147.0	40.83	56.6	1450	34.84	45	65	1.5	178
	245.0	68.05	52.5		47.00	55	74.5	2.8	
	294.0	81.66	48.7		52.67	75	74	4	
ASL125/40A	142.0	39.43	51.9	1450	31.34	37	64	1.5	178
	236.6	65.72	47.6		42.00	55	73	2.8	
	283.9	78.86	43.8		46.69	55	72.5	4	
ASL125/40B	136.6	37.93	47.7	1450	28.15	37	63	1.5	178
	227.6	63.22	43.1		37.35	45	71.5	2.8	
	273.1	75.87	39.7		41.57	45	71	4	
ASL125/40C	131.2	36.44	43.4	1450	25.00	30	62	1.5	178
	218.6	60.73	39.8		33.36	37	71	2.8	
	262.4	72.88	36.5		37.24	45	70	4	
ASL125/40D	125.8	34.94	39.9	1450	22.40	30	61	1.5	178
	209.6	58.23	36.6		30.27	37	69	2.8	
	251.6	69.88	33.2		33.44	37	68	4	
ASL125/40E	120.4	33.44	36.8	1450	20.10	30	60	1.5	178
	200.7	55.74	33.5		27.31	30	67	2.8	
	240.8	66.89	30.1		29.45	37	67	4	
ASL125/40F	115.0	31.95	33.3	1450	17.67	22	59	1.5	178
	191.7	53.24	30.1		23.80	30	66	2.8	
	230.0	63.89	27.0		26.01	30	65	4	
ASL125/50	172.8	48.00	95.1	1450	75.82	90	59	2	300
	288.0	80.00	93.8		103.58	132	71	2.6	
	345.6	96.00	91.0		118.09	160	72.5	3.9	
ASL125/50A	164.6	45.71	86.7	1450	65.83	75	59	2	300
	274.3	76.19	85.5		90.55	110	70.5	2.6	
	329.1	91.43	83.1		102.70	132	72.5	3.9	
ASL125/50B	156.3	43.43	78.1	1450	56.82	75	58.5	2	300
	260.6	72.38	76.8		77.82	90	70	2.6	
	312.7	86.86	74.6		88.19	110	72	3.9	
ASL125/50C	148.1	41.14	69.9	1450	48.59	55	58	2	300
	246.9	68.57	68.5		66.71	75	69	2.6	
	296.2	82.29	66.6		74.59	90	72	3.9	
ASL125/50D	139.9	38.86	61.9	1450	41.35	55	57	2	300
	233.1	64.76	60.7		56.24	75	68.5	2.6	
	279.8	77.71	59.0		62.85	75	71.5	3.9	
ASL125/50E	131.7	36.57	54.2	1450	34.08	45	57	2	300
	219.4	60.95	52.8		47.07	55	67	2.6	
	263.3	73.14	51.4		51.89	75	71	3.9	
ASL150/20	216.0	60.00	14.1	1450	13.37	18.5	62	3	132
	360.0	100.00	12.2		14.95	18.5	80	3.5	
	432.0	120.00	10.6		16.51	18.5	75.5	4	
ASL150/20A	206.9	57.48	12.8	1450	11.82	15	61	3	132
	344.9	95.79	10.8		13.00	15	78	3.5	
	413.8	114.95	9.2		14.20	18.5	73	4	
ASL150/20B	196.8	54.67	11.5	1450	10.44	15	59	3	132
	328.0	91.12	9.5		11.24	15	75.5	3.5	
	393.6	109.35	7.8		11.94	15	70	4	
ASL150/20C	186.7	51.87	10.2	1450	9.10	11	57	3	132
	311.2	86.45	8.2		9.78	15	71	3.5	
	373.5	103.74	6.6		10.32	15	65	4	
ASL150/20D	176.6	49.07	8.9	1450	8.07	11	53	3	132
	294.4	81.78	6.9		8.38	11	66	3.5	
	353.3	98.13	5.3		8.64	11	59	4	
ASL150/26	194.4	54.00	23.1	1450	16.98	22	72	1.7	163
	324.0	90.00	21.0		22.73	30	81.5	2.1	
	388.8	108.00	17.9		25.26	30	75	4	
ASL150/26A	187.8	52.16	21.2	1450	15.05	18.5	72	1.7	163
	313.0	86.93	18.9		20.38	30	79	2.1	
	375.5	104.32	15.6		22.15	30	72	4	

Pump model	Capacity		Head	Speed	Power(kW)		Eff.	(NPSH)r	Weight
					Shaft	Motor			
	m³/h	L/S	m	r/min	kW	kW	%	m	kg
ASL150/26B	180.4	50.11	19.3	1450	13.35	18.5	71	1.7	163
	300.7	83.52	16.7		17.75	22	77	2.1	
	360.8	100.23	13.4		19.36	22	68	4	
ASL150/26C	173.0	48.07	17.6	1450	11.84	15	70	1.7	163
	288.4	80.11	14.7		15.49	18.5	74.5	2.1	
	346.1	96.14	11.2		16.49	18.5	64	4	
ASL150/26D	165.7	46.02	15.9	1450	10.70	15	67	1.7	163
	276.1	76.70	12.6		13.15	18.5	72	2.1	
	331.4	92.05	9.3		14.22	18.5	59	4	
ASL150/26E	158.3	43.98	14.2	1450	9.42	11	65	1.7	163
	263.9	73.30	10.3		11.56	15	64	2.1	
	316.6	87.95	7.1		12.00	15	51	4	
ASL150/32	222.0	61.67	36.0	1450	29.80	37	73	2.1	170
	370.0	102.78	34.0		40.53	55	84.5	3	
	444.0	123.34	31.2		45.16	55	83.5	4	
ASL150/32A	212.6	59.04	32.7	1450	25.92	30	73	2.1	170
	354.3	98.41	30.3		35.21	45	83	3	
	425.1	118.09	27.1		38.72	45	81	4	
ASL150/32B	202.4	56.23	29.3	1450	22.43	30	72	2.1	170
	337.4	93.72	26.6		30.16	37	81	3	
	404.9	112.46	23.4		32.65	37	79	4	
ASL150/32C	192.3	53.42	26.2	1450	19.32	22	71	2.1	170
	320.5	89.03	23.0		25.40	30	79	3	
	384.6	106.84	19.7		27.14	30	76	4	
ASL150/32D	182.2	50.61	23.2	1450	16.44	22	70	2.1	170
	303.7	84.35	19.8		21.26	30	77	3	
	364.4	101.22	16.5		22.42	30	73	4	
ASL150/32E	172.1	47.80	20.2	1450	13.71	18.5	69	2.1	170
	286.8	79.66	16.6		17.28	22	75	3	
	344.1	95.59	13.0		17.65	22	69	4	
ASL150/40	231.0	64.16	54.5	1450	51.15	75	67	2	207
	385.0	106.94	49.5		63.65	75	81.5	3.3	
	462.0	128.33	43.9		70.78	90	78	4.6	
ASL150/40A	223.1	61.97	50.0	1450	46.01	55	66	2	207
	371.8	103.28	45.3		57.31	75	80	3.3	
	446.2	123.94	39.8		62.78	75	77	4.6	
ASL150/40B	214.6	59.61	46.0	1450	40.72	55	66	2	207
	357.7	99.36	41.4		51.03	75	79	3.3	
	429.2	119.23	36.0		55.35	75	76	4.6	
ASL150/40C	206.1	57.26	42.4	1450	36.05	45	66	2	207
	343.6	95.44	37.7		45.79	55	77	3.3	
	412.3	114.52	32.8		49.75	55	74	4.6	
ASL150/40D	197.7	54.91	38.6	1450	31.95	37	65	2	207
	329.4	91.51	34.1		40.24	45	76	3.3	
	395.3	109.82	29.6		42.19	45	75.5	4.6	
ASL150/40E	189.2	52.55	35.4	1450	28.49	37	64	2	207
	315.3	87.59	31.2		36.69	45	73	3.3	
	378.4	105.11	27.0		38.63	45	72	4.6	
ASL150/40F	180.7	50.20	32.1	1450	24.87	30	63.5	2	207
	301.2	83.67	28.4		31.90	37	73	3.3	
	361.5	100.40	24.4		33.35	37	72	4.6	
ASL150/50	289.4	80.40	98.0	1450	115.25	132	67	2.2	330
	482.4	134.00	93.8		156.91	200	78.5	4.1	
	578.9	160.80	89.5		178.53	200	79	6	
ASL150/50A	275.7	76.57	88.9	1450	100.32	132	66.5	2.2	330
	459.4	127.62	84.8		135.97	160	78	4.1	
	551.3	153.14	80.5		154.89	160	78	6	
ASL150/50B	261.9	72.74	80.3	1450	86.73	110	66	2.2	330
	436.5	121.24	75.8		118.50	160	76	4.1	
	523.7	145.49	71.7		134.51	160	76	6	
ASL150/50C	248.1	68.91	72.0	1450	74.81	90	65	2.2	330
	413.5	114.86	67.3		101.00	132	75	4.1	
	496.2	137.83	63.2		113.82	132	75	6	
ASL150/50D	234.3	65.09	63.4	1450	63.19	75	64	2.2	330
	390.5	108.48	58.9		84.61	110	74	4.1	
	468.6	130.17	55.0		94.81	110	74	6	
ASL150/50E	220.5	61.26	55.8	1450	53.17	75	63	2.2	330
	367.5	102.10	51.8		71.98	90	72	4.1	
	441.1	122.51	48.4		79.60	90	73	6	
ASL200/26	259.2	72.00	20.4	1450	23.22	30	62	3	219
	432.0	120.00	16.1		23.67	30	80	4.5	
	518.4	144.00	12.8		23.77	30	76	5.5	
ASL200/26A	243.0	67.50	16.8	1450	18.52	22	60	3	219
	405.0	112.50	13.2		19.15	22	76	4.5	
	486.0	135.00	10.4		19.38	22	71	5.5	

Pump model	Capacity		Head	Speed	Power(kW)		Eff.	(NPSH)r	Weight
					Shaft	Motor			
	m³/h	L/S			kW	kW			
ASL200/26B	229.5	63.75	13.3	1450	14.58	18.5	57	3	219
	382.5	106.25	10.1		15.02	18.5	70	4.5	
	459.0	127.50	7.5		15.11	18.5	62	5.5	
ASL200/32	378.0	105.00	32.1	1450	45.25	55	73	3.5	286
	630.0	175.00	27.9		56.96	75	84	4	
	756.0	210.00	23.6		61.87	75	78.5	4.7	
ASL200/32A	361.9	100.53	29.2	1450	39.96	45	72	3.5	286
	603.2	167.55	25.0		50.06	55	82	4	
	723.8	201.06	21.0		53.74	55	77	4.7	
ASL200/32B	344.7	95.74	26.7	1450	36.31	45	69	3.5	286
	574.5	159.57	23.2		44.79	55	81	4	
	689.4	191.49	20.0		47.81	55	78.5	4.7	
ASL200/32C	327.4	90.96	24.0	1450	31.93	37	67	3.5	286
	545.7	151.60	20.1		37.80	45	79	4	
	654.9	181.91	16.8		39.93	45	75	4.7	
ASL200/32D	310.2	86.17	21.5	1450	27.93	37	65	3.5	286
	517.0	143.62	17.7		32.78	37	76	4	
	620.4	172.34	14.6		34.01	37	72.5	4.7	
ASL200/32E	293.0	81.38	19.0	1450	24.44	30	62	3.5	286
	488.3	135.64	15.6		28.41	37	73	4	
	586.0	162.77	12.7		28.94	37	70	4.7	
ASL200/40	391.0	108.60	55.5	1450	80.91	90	73	3.1	328
	651.6	181.00	49.5		104.53	132	84	3.9	
	781.9	217.20	41.8		112.63	132	79	4.9	
ASL200/40A	377.6	104.88	51.7	1450	73.81	90	72	3.1	328
	629.3	174.80	45.7		94.32	110	83	3.9	
	755.2	209.77	38.2		101.98	110	77	4.9	
ASL200/40B	363.2	100.90	47.7	1450	66.43	75	71	3.1	328
	605.4	168.17	42.0		83.39	110	83	3.9	
	726.5	201.80	34.7		89.70	110	76.5	4.9	
ASL200/40C	348.9	96.92	43.3	1450	58.75	75	70	3.1	328
	581.5	161.53	37.7		72.78	90	82	3.9	
	697.8	193.83	31.0		78.52	90	75	4.9	
ASL200/40D	334.6	92.93	39.7	1450	52.40	75	69	3.1	328
	557.6	154.89	34.3		65.08	75	80	3.9	
	669.1	185.87	27.4		69.32	75	72	4.9	
ASL200/40E	320.2	88.95	36.4	1450	47.36	55	67	3.1	328
	533.7	148.25	31.0		56.65	75	79.5	3.9	
	640.4	177.90	24.0		60.64	75	69	4.9	
ASL200/40F	305.9	84.97	33.4	1450	42.79	55	65	3.1	328
	509.8	141.61	28.2		51.50	75	76	3.9	
	611.8	169.94	21.5		54.25	75	66	4.9	
ASL200/50	414.7	115.20	88.5	1450	153.71	200	65	2	450
	691.2	192.00	84.0		195.13	250	81	3.2	
	829.4	230.40	80.2		219.50	250	82.5	4	
ASL200/50A	395.0	109.71	80.7	1450	133.49	160	65	2	450
	658.3	182.86	76.6		170.52	200	80.5	3.2	
	789.9	219.43	72.8		190.91	250	82	4	
ASL200/50B	375.2	104.23	72.6	1450	115.87	132	64	2	450
	625.4	173.71	69.0		146.83	160	80	3.2	
	750.4	208.46	65.5		163.18	200	82	4	
ASL200/50C	355.5	98.74	64.6	1450	100.83	132	62	2	450
	592.5	164.57	62.0		124.99	160	80	3.2	
	710.9	197.49	59.0		140.97	160	81	4	
ASL200/50D	335.7	93.26	57.7	1450	85.05	110	62	2	450
	559.5	155.43	55.0		106.05	132	79	3.2	
	671.5	186.51	52.0		119.56	132	79.5	4	
ASL200/50E	316.0	87.77	50.5	1450	72.40	90	60	2	450
	526.6	146.29	48.3		89.93	110	77	3.2	
	632.0	175.54	45.7		99.52	110	79	4	
ASL250/32	493.1	136.98	31.2	1450	67.55	75	62	4.2	366
	821.9	228.30	27.0		71.91	90	84	5.2	
	986.3	273.96	24.0		76.71	90	84	5.9	
ASL250/32A	472.1	131.15	28.4	1450	59.84	75	61	4.2	366
	786.9	218.59	24.5		62.48	75	84	5.2	
	944.3	262.30	21.0		65.83	75	82	5.9	
ASL250/32B	449.7	124.91	25.3	1450	51.62	75	60	4.2	366
	749.4	208.18	21.1		53.14	75	81	5.2	
	899.3	249.81	18.0		55.78	75	79	5.9	
ASL250/32C	427.2	118.66	22.1	1450	45.89	55	56	4.2	366
	712.0	197.77	18.0		45.60	55	76.5	5.2	
	854.4	237.32	15.1		46.83	55	75	5.9	
ASL250/32D	404.7	112.42	19.0	1450	39.49	45	53	4.2	366
	674.5	187.36	14.8		39.38	45	69	5.2	
	809.4	224.83	12.0		39.46	45	67	5.9	

Pump model	Capacity		Head	Speed	Power(kW)		Eff.	(NPSH)r	Weight
					Shaft	Motor			
	m³/h	L/S			m	r/min			
ASL250/32E	382.2	106.17	15.6	1450	31.21	37	52	4.2	366
	637.0	176.95	11.3		30.62	37	64	5.2	
	764.4	212.34	8.8		31.04	37	59	5.9	
ASL250/40	529.0	146.94	53.8	1450	103.30	132	75	3.5	396
	881.6	244.90	46.6		127.09	160	88	4.8	
	1058.0	293.88	38.3		136.18	160	81	6.2	
ASL250/40A	510.9	141.91	50.6	1450	94.46	110	74.5	3.5	396
	851.5	236.52	43.4		115.63	132	87	4.8	
	1021.8	283.82	35.6		123.01	132	80.5	6.2	
ASL250/40B	491.5	136.52	47.5	1450	85.30	110	74.5	3.5	396
	819.1	227.54	41.3		105.85	132	87	4.8	
	983.0	273.04	35.0		114.21	132	82	6.2	
ASL250/40C	472.1	131.13	43.5	1450	74.54	90	75	3.5	396
	786.8	218.55	36.9		91.90	110	86	4.8	
	944.2	262.26	30.4		97.67	110	80	6.2	
ASL250/40D	452.7	125.74	40.0	1450	65.72	75	75	3.5	396
	754.5	209.57	33.3		82.40	110	83	4.8	
	905.4	251.49	27.2		84.86	110	79	6.2	
ASL250/40E	433.3	120.35	36.6	1450	58.34	75	74	3.5	396
	722.1	200.59	30.0		72.36	90	81.5	4.8	
	866.6	240.71	23.8		72.91	90	77	6.2	
ASL250/40F	414.0	115.00	33.2	1450	52.00	75	72	3.5	396
	690.0	191.60	27.0		63.30	75	80	4.8	
	828.0	230.00	21.2		63.00	75	76	6.2	
ASL250/50	587.5	163.20	87.5	1450	199.92	250	70	2.5	550
	979.2	272.00	81.5		260.18	315	83.5	3.7	
	1175.0	326.40	75.5		284.12	315	85	4.7	
ASL250/50A	559.5	155.43	79.8	1450	176.16	200	69	2.5	550
	932.6	259.05	74.5		227.05	250	83.3	3.7	
	1119.1	310.86	69.0		250.24	315	84	4.7	
ASL250/50B	531.6	147.66	75.0	1450	157.29	200	69	2.5	550
	885.9	246.10	67.5		195.66	250	83.2	3.7	
	1063.1	295.31	62.7		216.02	250	84	4.7	
ASL250/50C	503.6	139.89	65.0	1450	133.00	160	67	2.5	550
	839.3	233.14	60.5		166.54	200	83	3.7	
	1007.2	279.77	56.0		182.78	200	84	4.7	
ASL250/50D	475.6	132.11	58.0	1450	115.53	132	65	2.5	550
	792.7	220.19	53.6		142.79	160	81	3.7	
	951.2	264.23	49.3		153.81	160	83	4.7	
ASL250/50E	447.6	124.34	50.8	1450	119.04	132	52	2.5	550
	746.1	207.24	46.5		119.54	132	79	3.7	
	895.3	248.69	42.5		129.47	160	80	4.7	
ASL300/40	702.0	195.00	49.5	1450	137.09	160	69	3	560
	1170.0	325.00	40.8		149.37	200	87	3.5	
	1404.0	390.00	38.7		170.01	200	87	4.1	
ASL300/40A	678.0	188.33	46.2	1450	125.39	160	68	3	560
	1130.0	313.88	40.6		144.38	160	86.5	3.5	
	1355.9	376.65	35.5		152.37	160	86	4.1	
ASL300/40B	652.2	181.17	43.1	1450	115.95	132	66	3	560
	1087.0	301.96	37.6		131.36	160	84.7	3.5	
	1304.4	362.35	32.1		135.38	160	84.2	4.1	
ASL300/40C	626.5	174.02	39.2	1450	104.46	132	64	3	560
	1044.1	290.04	34.0		115.05	132	84	3.5	
	1253.0	348.04	29.0		119.17	132	83	4.1	
ASL300/40D	600.7	166.87	35.8	1450	95.98	110	61	3	560
	1001.2	278.12	30.8		103.64	132	81	3.5	
	1201.5	333.74	26.0		105.64	132	80.5	4.1	
ASL300/40E	575.0	159.72	32.5	1450	89.25	110	57	3	560
	958.3	266.20	27.5		91.97	110	78	3.5	
	1150.0	319.44	22.4		92.27	110	76	4.1	
ASL300/40F	549.2	152.57	29.2	1450	80.85	110	54	3	560
	915.4	254.28	24.2		81.49	90	74	3.5	
	1098.5	305.13	19.9		82.65	90	72	4.1	

Outline Dimension Table Of Type Standard End Suction Pump (Bareshaft Pump)



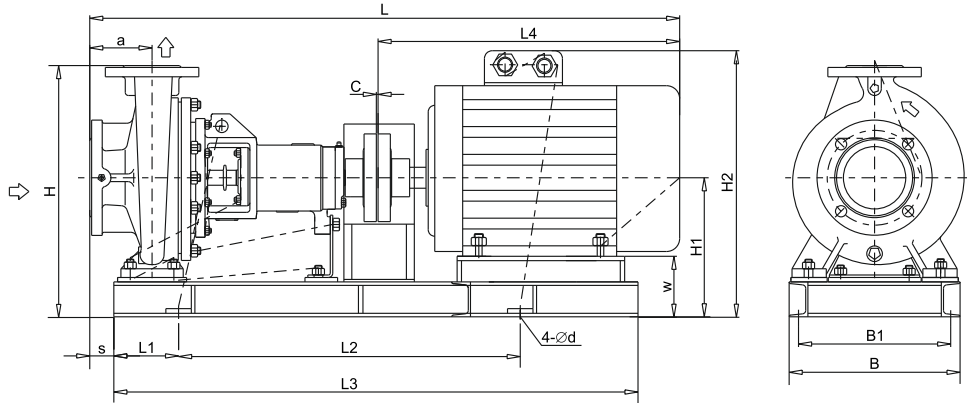
Flange standard size PN1.6

DN1/DN2	32	40	50	65	80	100	125	150	200	250	300	350	400
D1/D2	140	150	165	185	200	220	250	285	340	405	460	520	580
K1/K2	100	110	125	145	160	180	210	240	295	355	410	470	525
n-d1/ n-d2	4-Φ18	4-Φ18	4-Φ18	4-Φ18	8-Φ18	8-Φ18	8-Φ18	8-Φ22	12-Φ22	12-Φ26	12-Φ26	16-Φ26	16-Φ30

Pump model	bearing bore diameter	Inlet	Outlet	a	f	h1	h2	b	c	n3	m1	m2	n1	n2	S1	S2	w	d	l	t	u
		DN2	DN1																		
ASL32/13	25	32	50	80	360	112	140	50	14	100	100	70	190	140	14	14	267	24	50	27	8
ASL32/16	25	32	50	80	360	132	160	50	14	100	100	70	240	190	14	14	267	24	50	27	8
ASL32/20	25	32	50	80	360	160	180	50	14	110	100	70	240	190	14	14	267	24	50	27	8
ASL32/26	25	32	50	100	360	180	225	65	14	110	125	95	320	250	14	14	267	24	50	27	8
ASL40/13	25	40	65	80	360	112	140	50	14	100	100	70	210	160	14	14	267	24	50	27	8
ASL40/16	25	40	65	80	360	132	160	50	14	100	100	70	240	190	14	14	267	24	50	27	8
ASL40/20	25	40	65	100	360	160	180	50	14	110	100	70	265	212	14	14	267	24	50	27	8

Pump model	bearing bore diameter	Inlet	Outlet	a	f	h1	h2	b	c	n3	m1	m2	n1	n2	S1	S2	w	d	l	t	u
		DN2	DN1																		
ASL40/26	25	40	65	100	360	180	225	65	14	110	125	95	320	250	14	14	267	24	50	27	8
ASL50/13	25	50	65	100	360	132	160	50	14	100	100	70	240	190	14	14	267	24	50	27	8
ASL50/16	25	50	65	100	360	160	180	50	14	110	100	70	265	212	14	14	267	24	50	27	8
ASL50/20	25	50	65	100	360	160	200	50	14	110	100	70	265	212	14	14	267	24	50	27	8
ASL50/26	25	50	65	100	360	180	225	65	14	110	125	95	320	250	14	14	267	24	50	27	8
ASL65/13	25	65	80	100	360	160	180	65	14	110	125	95	280	212	14	14	267	24	50	27	8
ASL65/16	25	65	80	100	360	160	200	65	14	110	125	95	280	212	14	14	267	24	50	27	8
ASL65/20	35	65	80	100	465	180	225	65	14	110	125	95	320	250	14	14	339	32	80	35	10
ASL65/26	35	65	80	100	470	200	250	80	15	110	160	120	360	280	18	14	342	32	80	35	10
ASL80/16	25	80	100	125	360	180	225	65	14	110	125	95	320	250	14	14	267	24	50	27	8
ASL80/20	35	80	100	125	470	180	250	65	15	110	125	95	345	280	14	14	342	32	80	35	10
ASL80/26	35	80	100	125	470	200	280	80	15	110	160	120	400	315	18	14	342	32	80	35	10
ASL100/16	35	100	125	125	470	200	250	80	15	110	160	120	360	280	18	14	342	32	80	35	10
ASL100/20	35	100	125	125	470	200	280	80	16	110	160	120	360	280	18	14	342	32	80	35	10
ASL100/26	35	100	125	140	470	225	280	80	16	110	160	120	400	315	18	14	342	32	80	35	10
ASL100/32	35	100	125	140	470	250	315	80	16	110	160	120	400	315	18	14	342	32	80	35	10
ASL100/40	45	100	125	140	530	280	355	100	20	110	200	150	500	400	23	14	370	42	110	45	12
ASL125/20	35	125	150	140	470	250	315	80	16	110	160	120	400	315	18	14	342	32	80	35	10
ASL125/26	35	125	150	140	470	250	355	80	16	110	160	120	400	315	18	14	342	32	80	35	10
ASL125/32	45	125	150	140	470	280	355	100	18	110	200	150	500	400	23	14	370	42	110	45	12
ASL125/40	45	125	150	160	530	315	400	100	18	110	200	150	500	400	23	14	370	42	110	45	12
ASL125/50	55	125	150	160	670	355	450	100	25	110	200	150	550	450	23	14	500	48	110	51	14
ASL150/20	35	150	200	160	500	280	400	100	18	110	200	150	400	315	23	14	342	32	80	35	10
ASL150/26	45	150	200	160	530	250	355	100	18	110	200	150	450	350	23	14	370	42	110	45	12
ASL150/32	45	150	200	160	530	280	400	100	18	110	200	150	550	450	23	14	370	42	110	45	12
ASL150/40	45	150	200	160	530	315	450	100	18	110	200	150	550	450	23	14	370	42	110	45	12
ASL150/50	55	150	200	180	670	375	500	100	22	110	200	150	550	450	23	14	500	48	110	51	14
ASL200/26	45	200	250	180	555	315	450	100	20	110	200	150	550	450	28	14	392	42	110	45	12
ASL200/32	55	200	250	180	670	315	480	120	20	110	220	170	600	480	28	14	505	48	110	51	14
ASL200/40	55	200	250	180	670	335	480	120	20	110	250	170	600	480	28	14	505	48	110	51	14
ASL200/50	65	200	250	200	720	425	560	100	22	140	200	150	660	560	23	19	515	60	140	64	18
ASL250/32	55	250	300	220	691	355	520	150	26	110	250	200	660	510	28	14	525	48	110	51	14
ASL250/40	55	250	300	220	682	400	560	150	26	110	250	200	660	510	28	14	516	48	110	51	14
ASL250/50	65	250	300	250	720	450	670	120	32	140	240	190	750	650	23	19	515	60	140	64	18
ASL300/40	65	300	350	300	720	425	670	120	30	140	250	190	760	660	30	19	515	60	140	64	18

Outline Dimension Table Of Type Standard End Suction Pump Completed Pump Unit)



Pump model	Motor(B3)		Size(mm)															weight
	Seat No.	kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Ød	kg
ASL32/13-4KW/2	112M-2	4	80	312	4	400	172	360	844	80	560	750	25	60	294	330	16	93
ASL32/13-3KW/2	100L-2	3	80	312	4	385	172	342	829	80	560	750	25	60	244	280	16	91
ASL32/13-2.2KW/2	90L-2	2.2	80	312	4	345	172	332	789	80	560	750	25	60	244	280	16	73
ASL32/13-1.5KW/2	90S-2	1.5	80	312	4	320	172	332	764	80	560	750	25	60	244	280	16	69
ASL32/13-1.1KW/2	802-2	1.1	80	312	4	295	172	312	739	80	560	750	25	60	244	280	16	65
ASL32/13-0.75KW/2	801-2	0.75	80	312	4	295	172	312	739	80	560	750	25	60	244	280	16	64
ASL32/13-0.55KW/2	801-4	0.55	80	312	4	295	172	312	739	80	560	750	25	60	244	280	16	64
ASL32/16-7.5KW/2	132S2-2	7.5	80	365	4	470	205	418	914	70	630	800	25	73	317	350	18	135
ASL32/16-5.5KW/2	132S1-2	5.5	80	365	4	470	205	418	914	70	630	800	25	73	317	350	18	131
ASL32/16-4KW/2	112M-2	4	80	352	4	400	192	380	844	80	560	750	25	60	294	330	16	99
ASL32/16-3KW/2	100L-2	3	80	352	4	385	192	362	829	80	560	750	25	60	294	330	16	100
ASL32/16-2.2KW/2	90L-2	2.2	80	352	4	345	192	352	789	80	560	750	25	60	294	330	16	81
ASL32/16-1.5KW/2	90S-2	1.5	80	352	4	320	192	352	764	80	560	750	25	60	294	330	16	77
ASL32/16-1.5KW/4	90L-4	1.5	80	352	4	345	192	352	789	80	560	750	25	60	294	330	16	82
ASL32/16-1.1KW/4	90S-4	1.1	80	352	4	320	192	352	764	80	560	750	25	60	294	330	16	78
ASL32/16-0.75KW/4	802-4	0.75	80	352	4	295	192	332	739	80	560	750	25	60	294	330	16	73
ASL32/16-0.55KW/4	801-4	0.55	80	352	4	295	192	332	739	80	560	750	25	60	294	330	16	72
ASL32/20-15KW/2	160M2-2	15	80	413	4	605	233	473	1049	70	780	1000	12.5	73	387	420	18	195
ASL32/20-11KW/2	160M1-2	11	80	413	4	605	233	473	1049	70	780	1000	12.5	73	387	420	18	194
ASL32/20-7.5KW/2	132S2-2	7.5	80	413	4	470	233	446	914	70	630	800	12.5	73	317	350	18	148

Pump model	Motor(B3)		Size(mm)															weight
	Seat No.	kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Ød	kg
ASL32/20-5.5KW/2	132S1-2	5.5	80	413	4	470	233	446	914	70	630	800	12.5	73	317	350	18	144
ASL32/20-4KW/2	112M-2	4	80	400	4	400	220	408	844	80	560	750	12.5	60	294	330	16	112
ASL32/20-2.2KW/4	100L1-4	2.2	80	400	4	385	220	390	829	80	560	750	12.5	60	294	330	16	103
ASL32/20-1.5KW/4	90L-4	1.5	80	400	4	345	220	380	789	80	560	750	12.5	60	294	330	16	95
ASL32/20-1.1KW/4	90S-4	1.1	80	400	4	320	220	380	764	80	560	750	12.5	60	294	330	16	91
ASL32/20-0.75KW/4	802-4	0.75	80	400	4	295	220	360	739	80	560	750	12.5	60	294	330	16	86
ASL32/20-0.55KW/4	801-4	0.55	80	400	4	295	220	360	739	80	560	750	12.5	60	294	330	16	85
ASL32/26-30KW/2	200L1-2	30	100	515	4	765	290	590	1229	85	750	1100	32.5	90	417	460	18	340
ASL32/26-22KW/2	180M-2	22	100	478	4	690	253	513	1154	70	780	1000	32.5	73	387	420	18	259
ASL32/26-18.5KW/2	160L-2	18.5	100	478	4	660	253	493	1124	70	780	1000	32.5	73	387	420	18	229
ASL32/26-15KW/2	160M2-2	15	100	478	4	605	253	493	1069	70	780	1000	32.5	73	387	420	18	206
ASL32/26-11KW/2	160M1-2	11	100	478	4	605	253	493	1069	70	780	1000	32.5	73	387	420	18	205
ASL32/26-4KW/4	112M-4	4	100	478	4	400	253	441	864	70	630	800	32.5	73	387	420	18	133
ASL32/26-3KW/4	100L2-4	3	100	478	4	385	253	423	849	70	630	800	32.5	73	387	420	18	123
ASL32/26-2.2KW/4	100L1-4	2.2	100	478	4	385	253	423	849	70	630	800	32.5	73	387	420	18	120
ASL32/26-1.5KW/4	90L-4	1.5	100	478	4	345	253	413	809	70	630	800	32.5	73	387	420	18	112
ASL40/13-7.5KW/2	132S2-2	7.5	80	345	4	470	205	418	914	70	630	800	25	73	317	350	18	132
ASL40/13-5.5KW/2	132S1-2	5.5	80	345	4	470	205	418	914	70	630	800	25	73	317	350	18	128
ASL40/13-4KW/2	112M-2	4	80	312	4	400	172	360	844	80	560	750	25	60	294	330	16	95
ASL40/13-3KW/2	100L-2	3	80	312	4	385	172	342	829	80	560	750	25	60	244	280	16	93
ASL40/13-2.2KW/2	90L-2	2.2	80	312	4	345	172	332	789	80	560	750	25	60	244	280	16	75
ASL40/13-1.5KW/2	90S-2	1.5	80	312	4	320	172	332	764	80	560	750	25	60	244	280	16	71
ASL40/13-1.1KW/4	90S-4	1.1	80	312	4	320	172	332	764	80	560	750	25	60	244	280	16	72
ASL40/13-0.75KW/4	802-4	0.75	80	312	4	295	172	312	739	80	560	750	25	60	244	280	16	67
ASL40/13-0.55KW/4	801-4	0.55	80	312	4	295	172	312	739	80	560	750	25	60	244	280	16	66
ASL40/16-11KW/2	160M1-2	11	80	393	4	605	233	473	1049	70	780	1000	25	73	387	420	18	182
ASL40/16-7.5KW/2	132S2-2	7.5	80	365	4	470	205	418	914	70	630	800	25	73	317	350	18	134
ASL40/16-5.5KW/2	132S1-2	5.5	80	365	4	470	205	418	914	70	630	800	25	73	317	350	18	130
ASL40/16-4KW/2	112M-2	4	80	352	4	400	192	380	844	80	560	750	25	60	294	330	16	98
ASL40/16-3KW/2	100L-2	3	80	352	4	385	192	362	829	80	560	750	25	60	294	330	16	99
ASL40/16-1.5KW/4	90L-4	1.5	80	352	4	345	192	352	789	80	560	750	25	60	294	330	16	81
ASL40/16-1.1KW/4	90S-4	1.1	80	352	4	320	192	352	764	80	560	750	25	60	294	330	16	77
ASL40/16-0.75KW/4	802-4	0.75	80	352	4	295	192	332	739	80	560	750	25	60	294	330	16	72
ASL40/16-0.55KW/4	801-4	0.55	80	352	4	295	192	332	739	80	560	750	25	60	294	330	16	71
ASL40/20-18.5KW/2	160L-2	18.5	100	413	4	660	233	473	1124	70	780	1000	32.5	73	387	420	18	216
ASL40/20-15KW/2	160M2-2	15	100	413	4	605	233	473	1069	70	780	1000	32.5	73	387	420	18	192
ASL40/20-11KW/2	160M1-2	11	100	413	4	605	233	473	1069	70	780	1000	32.5	73	387	420	18	191

Pump model	Motor(B3)		Size(mm)															weight
	Seat No.	kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	kg
ASL40/20-7.5KW/2	132S2-2	7.5	100	413	4	470	233	446	934	70	630	800	32.5	73	317	350	18	146
ASL40/20-5.5KW/2	132S1-2	5.5	100	413	4	470	233	446	934	70	630	800	32.5	73	317	350	18	142
ASL40/20-3KW/4	100L2-4	3	100	400	4	385	220	390	849	80	560	750	32.5	60	294	330	16	104
ASL40/20-2.2KW/4	100L1-4	2.2	100	400	4	385	220	390	849	80	560	750	32.5	60	294	330	16	101
ASL40/20-1.5KW/4	90L-4	1.5	100	400	4	345	220	380	809	80	560	750	32.5	60	294	330	16	93
ASL40/20-1.1KW/4	90S-4	1.1	100	400	4	320	220	380	784	80	560	750	32.5	60	294	330	16	89
ASL40/20-0.75KW/4	802-4	0.75	100	400	4	295	220	360	759	80	560	750	32.5	60	294	330	16	84
ASL40/26-37KW/2	200L2-2	37	100	515	4	765	290	590	1229	85	750	1100	34.5	90	417	460	18	353
ASL40/26-30KW/2	200L1-2	30	100	515	4	765	290	590	1229	85	750	1100	34.5	90	417	460	18	343
ASL40/26-22KW/2	180M-2	22	100	478	4	690	253	513	1154	70	780	1000	34.5	73	387	420	18	262
ASL40/26-18.5KW/2	160L-2	18.5	100	478	4	660	253	493	1124	70	780	1000	34.5	73	387	420	18	232
ASL40/26-15KW/2	160M2-2	15	100	478	4	605	253	493	1069	70	780	1000	34.5	73	387	420	18	209
ASL40/26-11KW/2	160M1-2	11	100	478	4	605	253	493	1069	70	780	1000	34.5	73	387	420	18	208
ASL40/26-5.5KW/4	132S-4	5.5	100	478	4	470	253	466	934	70	680	900	34.5	73	387	420	18	162
ASL40/26-4KW/4	112M-4	4	100	478	4	400	253	441	864	70	630	800	34.5	73	387	420	18	136
ASL40/26-3KW/4	100L2-4	3	100	478	4	385	253	423	849	70	630	800	34.5	73	387	420	18	126
ASL40/26-2.2KW/4	100L1-4	2.2	100	478	4	385	253	423	849	70	630	800	34.5	73	387	420	18	123
ASL40/26-1.5KW/4	90L-4	1.5	100	478	4	345	253	413	809	70	630	800	34.5	73	387	420	18	115
ASL40/32G-45KW/2	225M-2	45	125	565	4	805	315	640	1460	70	940	1300	57.5	90	457	500	18	459
ASL40/32G-37KW/2	200L2-2	37	125	540	4	765	290	590	1420	70	940	1300	57.5	90	417	460	18	399
ASL40/32G-30KW/2	200L1-2	30	125	540	4	765	290	590	1420	70	940	1300	57.5	90	417	460	18	389
ASL40/32G-22KW/2	180M-2	22	125	523	4	690	273	533	1345	80	950	1150	57.5	73	387	420	18	309
ASL40/32H-45KW/2	225M-2	45	125	565	4	805	315	640	1404	70	900	1200	57.5	90	457	500	18	446
ASL40/32H-37KW/2	200L2-2	37	125	540	4	765	290	590	1364	70	850	1200	57.5	90	417	460	18	386
ASL40/32H-30KW/2	200L1-2	30	125	540	4	765	290	590	1364	70	850	1200	57.5	90	417	460	18	376
ASL40/32H-22KW/2	180M-2	22	125	523	4	690	273	533	1289	80	890	1100	57.5	73	387	420	18	297
ASL40/32-11KW/4	160M-4	11	125	523	4	605	273	513	1204	80	890	1100	57.5	73	387	420	18	243
ASL40/32-7.5KW/4	132M-4	7.5	125	523	4	510	273	486	1109	80	800	1000	57.5	73	387	420	18	210
ASL40/32-5.5KW/4	132S-4	5.5	125	523	4	470	273	486	1069	80	800	1000	57.5	73	387	420	18	197
ASL40/32-4KW/4	112M-4	4	125	523	4	400	273	461	999	70	700	900	57.5	73	387	420	18	177
ASL40/32-3KW/4	100L2-4	3	125	523	4	385	273	443	984	80	690	900	57.5	73	387	420	18	167
ASL50/13-11KW/2	160M1-2	11	100	393	4	605	233	473	1069	70	780	1000	45	73	387	420	18	183
ASL50/13-7.5KW/2	132S2-2	7.5	100	365	4	470	205	418	934	70	630	800	45	73	317	350	18	135
ASL50/13-5.5KW/2	132S1-2	5.5	100	365	4	470	205	418	934	70	630	800	45	73	317	350	18	131
ASL50/13-4KW/2	112M-2	4	100	352	4	400	192	380	864	80	560	750	45	60	294	330	16	99
ASL50/13-3KW/2	100L-2	3	100	352	4	385	192	362	849	80	560	750	45	60	294	330	16	100
ASL50/13-2.2KW/4	100L1-4	2.2	100	352	4	385	192	362	849	80	560	750	45	60	294	330	16	90

Pump model	Motor(B3)		Size(mm)															weight
	Seat No.	kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	kg
ASL50/13-1.5KW/4	90L-4	1.5	100	352	4	345	192	352	809	80	560	750	45	60	294	330	16	82
ASL50/13-1.1KW/4	90S-4	1.1	100	352	4	320	192	352	784	80	560	750	45	60	294	330	16	78
ASL50/13-0.75KW/4	802-4	0.75	100	352	4	295	192	332	759	80	560	750	45	60	294	330	16	73
ASL50/13-0.55KW/4	801-4	0.55	100	352	4	295	192	332	759	80	560	750	45	60	294	330	16	72
ASL50/16-22KW/2	180M-2	22	100	433	4	690	253	513	1154	70	780	1000	32.5	73	387	420	18	241
ASL50/16-18.5KW/2	160L-2	18.5	100	413	4	660	233	473	1124	70	780	7000	32.5	73	387	420	18	210
ASL50/16-15KW/2	160M2-2	15	100	413	4	605	233	473	1069	70	780	1000	32.5	73	387	420	18	186
ASL50/16-11KW/2	160M1-2	11	100	413	4	605	233	473	1069	70	780	1000	32.5	73	387	420	18	185
ASL50/16-7.5KW/2	132S2-2	7.5	100	413	4	470	233	446	934	70	630	800	32.5	73	317	350	18	140
ASL50/16-5.5KW/2	132S1-2	5.5	100	413	4	470	233	446	934	70	630	800	32.5	73	317	350	18	136
ASL50/16-4KW/2	112M-2	4	100	400	4	400	220	408	864	80	560	750	32.5	60	294	330	16	104
ASL50/16-3KW/4	100L2-4	3	100	400	4	385	220	390	849	80	560	750	32.5	60	294	330	16	98
ASL50/16-2.2KW/4	100L1-4	2.2	100	400	4	385	220	390	849	80	560	750	32.5	60	294	330	16	95
ASL50/16-1.5KW/4	90L-4	1.5	100	400	4	345	220	380	809	80	560	750	32.5	60	294	330	16	87
ASL50/16-1.1KW/4	90S-4	1.1	100	400	4	320	220	380	784	80	560	750	32.5	60	294	330	16	83
ASL50/16-0.75KW/4	802-4	0.75	100	400	4	295	220	360	759	80	560	750	32.5	60	294	330	16	78
ASL50/16-0.55KW/4	801-4	0.55	100	400	4	295	220	360	759	80	560	750	32.5	60	294	330	16	77
ASL50/20-30KW/2	200L1-2	30	100	490	4	765	290	590	1229	85	750	1100	35.5	90	417	460	18	333
ASL50/20-22KW/2	180M-2	22	100	453	4	690	253	513	1154	70	780	1000	35.5	73	387	420	18	251
ASL50/20-18.5KW/2	160L-2	18.5	100	433	4	660	233	473	1124	70	780	1000	35.5	73	387	420	18	220
ASL50/20-15KW/2	160M2-2	15	100	433	4	605	233	473	1069	70	780	1000	35.5	73	387	420	18	196
ASL50/20-11KW/2	160M1-2	11	100	433	4	605	233	473	1069	70	780	1000	35.5	73	387	420	18	195
ASL50/20-7.5KW/2	132S2-2	7.5	100	433	4	470	233	446	934	70	630	800	35.5	73	317	350	18	150
ASL50/20-4KW/4	112M-4	4	100	420	4	400	220	408	864	80	560	750	35.5	60	294	330	16	118
ASL50/20-3KW/4	100L2-4	3	100	420	4	385	220	390	849	80	560	750	35.5	60	294	330	16	108
ASL50/20-2.2KW/4	100L1-4	2.2	100	420	4	385	220	390	849	80	560	750	35.5	60	294	330	16	105
ASL50/20-1.5KW/4	90L-4	1.5	100	420	4	345	220	380	809	80	560	750	35.5	60	294	330	16	97
ASL50/20-1.1KW/4	90S-4	1.1	100	420	4	320	220	380	784	80	560	750	35.5	60	294	330	16	93
ASL50/26G-37KW/2	200L2-2	37	100	515	4	765	290	590	1339	85	830	1200	35.5	90	417	460	18	357
ASL50/26G-30KW/2	200L1-2	30	100	515	4	765	290	590	1339	85	830	1200	35.5	90	417	460	18	347
ASL50/26G-22KW/2	180M-2	22	100	478	4	690	253	513	1264	80	890	1100	35.5	73	387	420	18	268
ASL50/26-37KW/2	200L2-2	37	100	515	4	765	290	590	1229	85	750	1100	35.5	90	417	460	18	360
ASL50/26-30KW/2	200L1-2	30	100	515	4	765	290	590	1229	85	750	1100	35.5	90	417	460	18	350
ASL50/26-22KW/2	180M-2	22	100	478	4	690	253	513	1154	70	780	1000	35.5	73	387	420	18	269
ASL50/26-18.5KW/2	160L-2	18.5	100	478	4	660	253	493	1124	70	780	1000	35.5	73	387	420	18	239
ASL50/26-11KW/4	160M-4	11	100	478	4	605	253	493	1069	70	780	1000	35.5	73	387	420	18	215
ASL50/26-7.5KW/4	132M-4	7.5	100	478	4	510	253	466	974	70	680	900	35.5	73	387	420	18	183

Pump model	Motor(B3)		Size(mm)															weight
	Seat No.	kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	kg
ASL50/26-5.5KW/4	132S-4	5.5	100	478	4	470	253	466	934	70	680	900	35.5	73	387	420	18	169
ASL50/26-4KW/4	112M-4	4	100	478	4	400	253	441	864	70	630	800	35.5	73	387	420	18	143
ASL50/26-3KW/4	100L2-4	3	100	478	4	385	253	423	849	70	630	800	35.5	73	387	420	18	138
ASL50/32G-75KW/2	280S-2	75	125	655	6	980	375	755	1637	100	1070	1450	57.5	95	557	600	18	689
ASL50/32G-55KW/2	250M-2	55	125	620	4	910	340	705	1565	110	960	1450	57.5	90	507	550	18	570
ASL50/32G-45KW/2	225M-2	45	125	595	4	805	315	640	1460	110	900	1300	57.5	90	457	500	18	457
ASL50/32G-37KW/2	200L2-2	37	125	595	4	765	315	615	1420	85	880	1200	57.5	90	417	460	18	398
ASL50/32G-30KW/2	200L1-2	30	125	595	4	765	315	615	1420	85	880	1200	57.5	90	417	460	18	388
ASL50/32H-75KW/2	280S-2	75	125	655	6	980	375	755	1581	100	1070	1450	57.5	95	557	600	18	684
ASL50/32H-55KW/2	250M-2	55	125	620	4	910	340	705	1509	110	950	1300	57.5	90	507	550	18	562
ASL50/32H-45KW/2	225M-2	45	125	595	4	805	315	640	1404	85	860	1200	57.5	90	457	500	18	450
ASL50/32H-37KW/2	200L2-2	37	125	595	4	765	315	615	1364	85	830	1200	57.5	90	417	460	18	393
ASL50/32H-30KW/2	200L1-2	30	125	595	4	765	315	615	1364	85	830	1200	57.5	90	417	460	18	383
ASL50/32-18.5KW/4	180M-4	18.5	125	578	4	690	298	558	1289	80	890	1100	57.5	73	387	420	18	306
ASL50/32-15KW/4	160L-4	15	125	578	4	660	298	538	1259	80	890	1100	57.5	73	387	420	18	271
ASL50/32-11KW/4	160M-4	11	125	578	4	605	298	538	1204	80	890	1100	57.5	73	387	420	18	250
ASL50/32-7.5KW/4	132M-4	7.5	125	578	4	510	298	511	1109	80	800	1000	57.5	73	387	420	18	217
ASL50/32-5.5KW/4	132S-4	5.5	125	578	4	470	298	511	1069	80	800	1000	57.5	73	387	420	18	204
ASL65/13-15KW/2	160M2-2	15	100	413	4	605	233	473	1069	70	780	1000	32.5	73	387	420	18	188
ASL65/13-11KW/2	160M1-2	11	100	413	4	605	233	473	1069	70	780	1000	32.5	73	387	420	18	187
ASL65/13-7.5KW/2	132S2-2	7.5	100	413	4	470	233	446	934	70	630	800	32.5	73	317	350	18	142
ASL65/13-5.5KW/2	132S1-2	5.5	100	413	4	470	233	446	934	70	630	800	32.5	73	317	350	18	138
ASL65/13-2.2KW/4	100L1-4	2.2	100	400	4	385	220	390	849	80	560	750	32.5	60	294	330	16	96
ASL65/13-1.5KW/4	90L-4	1.5	100	400	4	345	220	380	809	80	560	750	32.5	60	294	330	16	89
ASL65/13-1.1KW/4	90S-4	1.1	100	400	4	320	220	380	784	80	560	750	32.5	60	294	330	16	85
ASL65/13-0.75KW/4	802-4	0.75	100	400	4	295	220	360	759	80	560	750	32.5	60	294	330	16	80
ASL65/16-30KW/2	200L1-2	30	100	490	4	765	290	590	1229	85	750	1100	20	90	417	460	18	331
ASL65/16-22KW/2	180M-2	22	100	453	4	690	253	513	1154	70	780	1000	20	73	387	420	18	249
ASL65/16-18.5KW/2	160L-2	18.5	100	433	4	660	233	473	1124	70	780	1000	20	73	387	420	18	218
ASL65/16-15KW/2	160M2-2	15	100	433	4	605	233	473	1069	70	780	1000	20	73	387	420	18	194
ASL65/16-11KW/2	160M1-2	11	100	433	4	605	233	473	1069	70	780	1000	20	73	387	420	18	193
ASL65/16-7.5KW/2	132S2-2	7.5	100	433	4	470	233	446	934	70	630	800	20	73	317	350	18	148
ASL65/16-5.5KW/2	132S1-2	5.5	100	433	4	470	233	446	934	70	630	800	20	73	317	350	18	144
ASL65/16-4KW/4	112M-4	4	100	420	4	400	220	408	864	80	560	750	32.5	60	294	330	16	116
ASL65/16-3KW/4	100L2-4	3	100	420	4	385	220	390	849	80	560	750	32.5	60	294	330	16	105
ASL65/16-2.2KW/4	100L1-4	2.2	100	420	4	385	220	390	849	80	560	750	32.5	60	294	330	16	102
ASL65/16-1.5KW/4	90L-4	1.5	100	420	4	345	220	380	809	80	560	750	32.5	60	294	330	16	95

Pump model	Motor(B3)		Size(mm)															weight
	Seat No.	kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	kg
ASL65/16-1.1KW/4	90S-4	1.1	100	420	4	320	220	380	784	80	560	750	32.5	60	294	330	16	91
ASL65/20G-37KW/2	200L2-2	37	100	515	4	765	290	590	1334	85	830	1200	37.5	90	417	460	18	354
ASL65/20G-30KW/2	200L1-2	30	100	515	4	765	290	590	1334	85	830	1200	37.5	90	417	460	18	343
ASL65/20-37KW/2	200L2-2	37	100	515	4	765	290	590	1229	85	750	1100	37.5	90	417	460	18	347
ASL65/20-30KW/2	200L1-2	30	100	515	4	765	290	590	1229	85	750	1100	37.5	90	417	460	18	337
ASL65/20-22KW/2	180M-2	22	100	478	4	690	253	513	1154	70	780	1000	37.5	73	387	420	18	256
ASL65/20-18.5KW/2	160L-2	18.5	100	478	4	660	253	493	1124	70	780	1000	37.5	73	387	420	18	226
ASL65/20-15KW/2	160M2-2	15	100	478	4	605	253	493	1069	70	780	1000	37.5	73	387	420	18	203
ASL65/20-7.5KW/4	132M-4	7.5	100	478	4	510	253	466	974	70	680	900	37.5	73	387	420	18	170
ASL65/20-5.5KW/4	132S-4	5.5	100	478	4	470	253	466	934	70	680	900	37.5	73	387	420	18	156
ASL65/20-4KW/4	112M-4	4	100	478	4	400	253	441	864	70	630	800	37.5	73	387	420	18	130
ASL65/20-3KW/4	100L2-4	3	100	478	4	385	253	423	849	70	630	800	37.5	73	387	420	18	120
ASL65/20-2.2KW/4	100L1-4	2.2	100	478	4	385	253	423	849	70	630	800	37.5	73	387	420	18	117
ASL65/26-90KW/2	280M-2	90	100	625	6	1030	375	755	1606	100	1070	1450	15	95	557	600	18	731
ASL65/26-75KW/2	280S-2	75	100	625	6	980	375	755	1556	100	1070	1450	15	95	557	600	18	675
ASL65/26-55KW/2	250M-2	55	100	590	4	910	340	705	1484	110	950	1300	15	90	507	550	18	554
ASL65/26-45KW/2	225M-2	45	100	565	4	805	315	640	1379	85	890	1200	15	90	457	500	18	441
ASL65/26-37KW/2	200L2-2	37	100	540	4	765	290	590	1339	85	830	1200	15	90	417	460	18	380
ASL65/26-30KW/2	200L1-2	30	100	540	4	765	290	590	1339	85	830	1200	15	90	417	460	18	370
ASL65/26-15KW/4	160L-4	15	100	523	4	660	273	513	1234	80	890	1100	15	73	387	420	18	257
ASL65/26-11KW/4	160M-4	11	100	523	4	605	273	513	1179	80	890	1100	15	73	387	420	18	237
ASL65/26-7.5KW/4	132M-4	7.5	100	523	4	510	273	486	1084	80	800	1000	15	73	387	420	18	204
ASL65/26-5.5KW/4	132S-4	5.5	100	523	4	470	273	486	1044	80	800	1000	15	73	387	420	18	191
ASL65/26-4KW/4	112M-4	4	100	523	4	400	273	461	974	80	690	900	15	73	387	420	18	170
ASL65/32G-90KW/2	280M-2	90	125	655	6	1030	375	755	1686	100	1070	1450	40	95	557	600	18	762
ASL65/32G-75KW/2	280S-2	75	125	655	6	980	375	755	1636	100	1070	1450	40	95	557	600	18	706
ASL65/32G-55KW/2	250M-2	55	125	620	4	910	340	705	1564	110	1010	1450	40	90	507	550	18	586
ASL65/32G-45KW/2	225M-2	45	125	595	4	805	315	640	1459	110	900	1300	40	90	457	500	18	473
ASL65/32H-90KW/2	280M-2	90	125	655	6	1030	375	755	1631	100	1070	1450	40	95	557	600	18	752
ASL65/32H-75KW/2	280S-2	75	125	655	6	980	375	755	1581	100	1070	1450	40	95	557	600	18	696
ASL65/32H-55KW/2	250M-2	55	125	620	4	910	340	705	1509	110	950	1300	40	90	507	550	18	573
ASL65/32H-45KW/2	225M-2	45	125	595	4	805	315	640	1404	85	880	1200	40	90	457	500	18	462
ASL65/32-22KW/4	180L-4	22	125	595	4	725	315	575	1324	85	830	1200	40	90	417	460	18	348
ASL65/32-18.5KW/4	180M-4	18.5	125	595	4	690	315	575	1289	85	830	1200	40	90	417	460	18	326
ASL65/32-15KW/4	160L-4	15	125	595	4	660	315	555	1259	85	900	1100	40	90	417	460	18	288
ASL65/32-11KW/4	160M-4	11	125	595	4	605	315	555	1204	85	900	1100	40	90	417	460	18	267
ASL65/32-7.5KW/4	132M-4	7.5	125	595	4	510	315	528	1109	85	800	1000	40	90	417	460	18	235

Pump model	Motor(B3)		Size(mm)															weight
	Seat No.	kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	kg
ASL65/32-5.5KW/4	132S-4	5.5	125	595	4	470	315	528	1069	85	800	1000	40	90	417	460	18	222
ASL80/16-45KW/2	225M-2	45	125	540	4	805	315	640	1294	85	750	1100	57.5	90	457	500	18	339
ASL80/16-37KW/2	200L2-2	37	125	515	4	765	290	590	1254	85	750	1100	57.5	90	417	460	18	345
ASL80/16-30KW/2	200L1-2	30	125	515	4	765	290	590	1254	85	750	1100	57.5	90	417	460	18	335
ASL80/16-22KW/2	180M-2	22	125	478	4	690	253	513	1179	70	780	1000	57.5	73	387	420	18	254
ASL80/16-18.5KW/2	160L-2	18.5	125	478	4	660	253	493	1149	70	780	1000	57.5	73	387	420	18	224
ASL80/16-15KW/2	160M2-2	15	125	478	4	605	253	493	1094	70	780	1000	57.5	73	387	420	18	201
ASL80/16-11KW/2	160M1-2	11	125	478	4	605	253	493	1094	70	780	1000	57.5	73	387	420	18	200
ASL80/16-5.5KW/4	132S-4	5.5	125	478	4	470	253	466	959	70	680	900	57.5	73	387	420	18	154
ASL80/16-4KW/4	112M-4	4	125	478	4	400	253	441	889	70	630	800	57.5	73	387	420	18	128
ASL80/16-3KW/4	100L2-4	3	125	478	4	385	253	423	874	70	630	800	57.5	73	387	420	18	118
ASL80/16-2.2KW/4	100L1-4	2.2	125	478	4	385	253	423	874	70	630	800	57.5	73	387	420	18	115
ASL80/16-1.5KW/4	90L-4	1.5	125	478	4	345	253	413	834	70	630	800	57.5	73	387	420	18	107
ASL80/20-75KW/2	280S-2	75	125	625	6	980	375	755	1581	100	1070	1450	57.5	95	557	600	18	661
ASL80/20-55KW/2	250M-2	55	125	590	4	910	340	705	1509	110	950	1300	57.5	90	507	550	18	542
ASL80/20-45KW/2	225M-2	45	125	565	4	805	315	640	1404	85	860	1200	57.5	90	457	500	18	431
ASL80/20-37KW/2	200L2-2	37	125	540	4	765	290	590	1364	85	830	1200	57.5	90	417	460	18	368
ASL80/20-30KW/2	200L1-2	30	125	540	4	765	290	590	1364	85	830	1200	57.5	90	417	460	18	358
ASL80/20-22KW/2	180M-2	22	125	503	4	690	253	513	1289	80	890	1100	57.5	73	387	420	18	279
ASL80/20-11KW/4	160M-4	11	125	503	4	605	253	493	1204	80	890	1100	57.5	73	387	420	18	224
ASL80/20-7.5KW/4	132M-4	7.5	125	503	4	510	253	466	1109	80	800	1000	57.5	73	387	420	18	192
ASL80/20-5.5KW/4	132S-4	5.5	125	503	4	470	253	466	1069	80	800	1000	57.5	73	387	420	18	179
ASL80/20-4KW/4	112M-4	4	125	503	4	400	253	441	999	80	690	900	57.5	73	387	420	18	158
ASL80/20-3KW/4	100L2-4	3	125	503	4	385	253	423	984	80	690	900	57.5	73	387	420	18	148
ASL80/26-132KW/2	315M-2	132	125	710	6	1290	430	945	1891	110	1050	1500	40	115	657	700	18	1175
ASL80/26-110KW/2	315S-2	110	125	710	6	1180	430	940	1781	110	1050	1500	40	115	657	700	18	1094
ASL80/26-90KW/2	280M-2	90	125	655	6	1030	375	755	1631	100	1070	1450	40	95	557	600	18	738
ASL80/26-75KW/2	280S-2	75	125	655	6	980	375	755	1581	100	1070	1450	40	95	557	600	18	682
ASL80/26-55KW/2	250M-2	55	125	620	4	910	340	705	1509	110	950	1300	40	90	507	550	18	561
ASL80/26-45KW/2	225M-2	45	125	595	4	805	315	640	1404	85	860	1200	40	90	457	500	18	448
ASL80/26-37KW/2	200L2-2	37	125	570	4	765	290	590	1364	85	860	1200	40	90	417	460	18	388
ASL80/26-18.5KW/4	180M-4	18.5	125	553	4	690	273	533	1289	80	890	1100	40	73	417	450	18	302
ASL80/26-15KW/4	160L-4	15	125	553	4	660	273	513	1259	80	890	1100	40	73	417	450	18	266
ASL80/26-11KW/4	160M-4	11	125	553	4	605	273	513	1204	80	890	1100	40	73	417	450	18	246
ASL80/26-7.5KW/4	132M-4	7.5	125	553	4	510	273	486	1109	80	800	1000	40	73	417	450	18	213
ASL80/26-5.5KW/4	132S-4	5.5	125	553	4	470	273	486	1069	80	800	1000	40	73	417	450	18	200
ASL80/26-4KW/4	112M-4	4	125	553	4	400	273	461	999	80	690	900	40	73	417	450	18	180

Pump model	Motor(B3)		Size(mm)															weight
	Seat No.	kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	kg
ASL80/32G-132KW/2	315M-2	132	125	745	6	1290	430	945	1947	110	1150	1650	43	115	657	700	18	1211
ASL80/32G-110KW/2	315S-2	110	125	745	6	1180	430	940	1837	110	1150	1650	43	115	657	700	18	1129
ASL80/32G-90KW/2	280M-2	90	125	690	6	1030	375	755	1687	100	1070	1450	42.5	95	557	600	18	765
ASL80/32G-75KW/2	280S-2	75	125	690	6	980	375	755	1637	100	1070	1450	42.5	95	557	600	18	709
ASL80/32H-132KW/2	315M-2	132	125	745	6	1290	430	945	1891	110	1100	1500	42.5	115	657	700	18	1192
ASL80/32H-110KW/2	315S-2	110	125	745	6	1180	430	940	1781	110	1100	1500	42.5	115	657	700	18	1110
ASL80/32H-90KW/2	280M-2	90	125	690	6	1030	375	755	1631	100	1070	1450	42.5	95	557	600	18	747
ASL80/32H-75KW/2	280S-2	75	125	690	6	980	375	755	1581	100	1070	1450	42.5	95	557	600	18	691
ASL80/32-37KW/4	225S-4	37	125	655	4	810	340	670	1409	110	900	1300	42.5	90	457	500	18	499
ASL80/32-30KW/4	200L-4	30	125	655	4	765	340	640	1364	85	850	1200	42.5	90	417	460	18	414
ASL80/32-22KW/4	180L-4	22	125	655	4	725	340	600	1324	85	830	1200	42.5	90	417	460	18	353
ASL80/32-18.5KW/4	180M-4	18.5	125	655	4	690	340	600	1289	85	830	1200	42.5	90	417	460	18	331
ASL80/32-15KW/4	160L-4	15	125	655	4	660	340	580	1259	85	900	1100	42.5	90	417	460	18	293
ASL80/32-11KW/4	160M-4	11	125	655	4	605	340	580	1204	85	900	1100	42.5	90	417	460	18	272
ASL80/32-7.5KW/4	132M-4	7.5	125	655	4	510	340	553	1109	85	800	1000	42.5	90	417	460	18	240
ASL80/40-55KW/4	250M-4	55	125	725	4	910	370	735	1569	110	1010	1450	40	90	507	550	18	635
ASL80/40-45KW/4	225M-4	45	125	725	4	835	370	695	1494	110	950	1300	40	90	457	500	18	557
ASL80/40-37KW/4	225S-4	37	125	725	4	810	370	700	1469	110	950	1300	40	90	457	500	18	546
ASL80/40-30KW/4	200L-4	30	125	725	4	765	370	670	1424	110	900	1300	40	90	457	500	18	464
ASL80/40-22KW/4	180L-4	22	125	725	4	725	370	630	1384	85	870	1200	40	90	457	500	18	401
ASL80/40-18.5KW/4	180M-4	18.5	125	725	4	690	370	630	1349	85	870	1200	40	90	457	500	18	380
ASL80/40-15KW/4	160L-4	15	125	725	4	660	370	610	1319	85	860	1200	40	90	457	500	18	351
ASL100/16-45KW/2	225M-2	45	125	565	4	805	315	640	1404	85	890	1200	49	90	457	500	18	441
ASL100/16-37KW/2	200L2-2	37	125	540	4	765	290	590	1364	85	830	1200	49	90	417	460	18	380
ASL100/16-30KW/2	200L1-2	30	125	540	4	765	290	590	1364	85	830	1200	49	90	417	460	18	370
ASL100/16-22KW/2	180M-2	22	125	523	4	690	273	533	1289	80	890	1100	49	73	387	420	18	291
ASL100/16-18.5KW/2	160L-2	18.5	125	523	4	660	273	513	1259	80	890	1100	49	73	387	420	18	261
ASL100/16-15KW/2	160M2-2	15	125	523	4	605	273	513	1204	80	890	1100	49	73	387	420	18	238
ASL100/16-7.5KW/4	132M-4	7.5	125	523	4	510	273	486	1109	80	800	1000	49	73	387	420	18	204
ASL100/16-5.5KW/4	132S-4	5.5	125	523	4	470	273	486	1069	80	800	1000	49	73	387	420	18	191
ASL100/16-4KW/4	112M-4	4	125	523	4	400	273	461	999	80	690	900	49	73	387	420	18	170
ASL100/16-3KW/4	100L2-4	3	125	523	4	385	273	443	984	80	690	900	49	73	387	420	18	160

Pump model	Motor(B3)		Size(mm)															weight
	Seat No.	kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	kg
ASL100/20-45KW/2	225M-2	45	125	595	4	805	315	640	1404	85	890	1200	40	90	457	500	18	438
ASL100/20-37KW/2	200L2-2	37	125	570	4	765	290	590	1364	85	830	1200	40	90	417	460	18	377
ASL100/20-30KW/2	200L1-2	30	125	570	4	765	290	590	1364	85	830	1200	40	90	417	460	18	367
ASL100/20-15KW/4	160L-4	15	125	553	4	660	273	513	1259	80	890	1100	40	73	387	420	18	254
ASL100/20-11KW/4	160M-4	11	125	553	4	605	273	513	1204	80	890	1100	40	73	387	420	18	234
ASL100/20-7.5KW/4	132M-4	7.5	125	553	4	510	273	486	1109	80	800	1000	40	73	387	420	18	201
ASL100/20-5.5KW/4	132S-4	5.5	125	553	4	470	273	486	1069	80	800	1000	40	73	387	420	18	188
ASL100/20-4KW/4	112M-4	4	125	553	4	400	273	461	999	80	690	900	40	73	387	420	18	167
ASL100/20-3KW/4	100L2-4	4	125	553	4	385	273	443	984	80	690	900	40	73	387	420	18	157
ASL100/26-132KW/2	315M-2	132	140	710	6	1290	430	945	1906	110	1050	1500	55	115	657	700	18	1181
ASL100/26H-110KW/2	315S-2	110	140	710	6	1180	430	940	1796	110	1050	1500	55	115	657	700	18	1100
ASL100/26H-90KW/2	280M-2	90	140	655	6	1030	375	755	1646	100	1070	1450	55	95	557	600	18	744
ASL100/26H-75KW/2	280S-2	75	140	655	6	980	375	755	1596	100	1070	1450	55	95	557	600	18	688
ASL100/26H-55KW/2	250M-2	55	140	620	4	910	340	705	1524	110	950	1300	55	90	507	550	18	565
ASL100/26-30KW/4	200L-4	30	140	595	4	765	315	615	1379	85	870	1200	55	90	417	460	18	401
ASL100/26-22KW/4	180L-4	22	140	595	4	725	315	575	1339	85	830	1200	55	90	417	460	18	340
ASL100/26-18.5KW/4	180M-4	18.5	140	595	4	690	315	575	1304	85	830	1200	55	90	417	460	18	318
ASL100/26-15KW/4	160L-4	15	140	595	4	660	315	555	1274	85	900	1100	55	90	417	460	18	280
ASL100/26-11KW/4	160M-4	11	140	595	4	605	315	555	1219	85	900	1100	55	90	417	460	18	259
ASL100/26-7.5KW/4	132M-4	7.5	140	595	4	510	315	528	1124	85	800	1000	55	90	417	460	18	227
ASL100/32-45KW/4	225M-4	45	140	655	4	835	340	665	1449	110	900	1300	57.5	90	457	500	18	514
ASL100/32-37KW/4	225S-4	37	140	655	4	810	340	670	1424	110	900	1300	57.5	90	457	500	18	503
ASL100/32-30KW/4	200L-4	30	140	655	4	765	340	640	1379	858	850	1200	57.5	90	417	460	18	418
ASL100/32-22KW/4	180L-4	22	140	655	4	725	340	600	1339	85	830	1200	57.5	90	417	460	18	357
ASL100/32-18.5KW/4	180M-4	18.5	140	655	4	690	340	600	1304	85	830	1200	57.5	90	417	460	18	335
ASL100/32-15KW/4	160L-4	15	140	655	4	660	340	580	1274	85	900	1100	57.5	90	417	460	18	297
ASL100/32-11KW/4	160M-4	11	140	655	4	605	340	580	1219	85	900	1100	57.5	90	417	460	18	276
ASL100/40-75KW/4	280S-4	75	140	730	6	980	375	755	1656	100	1070	1450	35	95	557	600	18	827
ASL100/40-55KW/4	250M-4	55	140	725	4	910	370	735	1584	110	1010	1450	35	90	507	550	18	650
ASL100/40-45KW/4	225M-4	45	140	725	4	835	370	695	1509	110	950	1300	35	90	507	550	18	577
ASL100/40-37KW/4	225S-4	37	140	725	4	810	370	700	1484	110	950	1300	35	90	507	550	18	565
ASL100/40-30KW/4	200L-4	30	140	725	4	765	370	670	1439	110	900	1300	35	90	507	550	18	483
ASL100/40-22KW/4	180L-4	22	140	725	4	725	370	630	1399	110	900	1300	35	90	507	550	18	422
ASL125/20-75KW/2	280S-2	75	140	690	6	980	375	755	1596	100	1070	1450	62.5	95	557	600	18	689
ASL125/20-55KW/2	250M-2	55	140	655	4	910	340	705	1524	110	950	1300	62.5	90	507	550	18	575
ASL125/20-45KW/2	225M-2	45	140	655	4	805	340	665	1419	110	860	1300	62.5	90	457	500	18	468
ASL125/20-18.5KW/4	180M-4	18.5	140	655	4	690	340	600	1304	85	830	1200	62.5	90	417	460	18	329

Pump model	Motor(B3)		Size(mm)															weight
	Seat No.	kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	kg
ASL125/20-15KW/4	160L-4	15	140	655	4	660	340	580	1274	85	900	1100	62.5	90	417	460	18	291
ASL125/20-11KW/4	160M-4	11	140	655	4	605	340	580	1219	85	900	1100	62.5	90	417	460	18	270
ASL125/20-7.5KW/4	132M-4	7.5	140	655	4	510	340	553	1124	85	800	1000	62.5	90	417	460	18	238
ASL125/20-5.5KW/4	132S-4	5.5	140	655	4	470	340	553	1084	85	800	1000	62.5	90	417	460	18	225
ASL125/26-37KW/4	225S-4	37	140	695	4	810	340	670	1424	110	900	1300	57.5	90	457	500	18	502
ASL125/26-30KW/4	200L-4	30	140	695	4	765	340	640	1379	85	850	1200	57.5	90	417	460	18	417
ASL125/26-22KW/4	180L-4	22	140	695	4	725	340	600	1339	85	830	1200	57.5	90	417	460	18	356
ASL125/26-18.5KW/4	180M-4	18.5	140	695	4	690	340	600	1304	85	830	1200	57.5	90	417	460	18	334
ASL125/26-15KW/4	160L-4	15	140	695	4	660	340	580	1274	85	900	1100	57.5	90	417	460	18	296
ASL125/26-11KW/4	160M-4	11	140	695	4	605	340	580	1219	85	900	1100	57.5	90	417	460	18	275
ASL125/32-55KW/4	250M-4	55	140	725	4	910	370	735	1584	110	1010	1450	35	90	507	550	18	629
ASL125/32-45KW/4	225M-4	45	140	725	4	835	370	695	1509	110	950	1300	35	90	507	550	18	556
ASL125/32-37KW/4	225S-4	37	140	725	4	810	370	700	1484	110	950	1300	35	90	507	550	18	544
ASL125/32-30KW/4	200L-4	30	140	725	4	765	370	670	1439	110	900	1300	35	90	507	550	18	462
ASL125/32-22KW/4	180L-4	22	140	725	4	725	370	630	1399	110	900	1300	35	90	507	550	18	401
ASL125/32-18.5KW/4	180M-4	18.5	140	725	4	690	370	630	1364	110	900	1300	35	90	507	550	18	379
ASL125/32-15KW/4	160L-4	15	140	725	4	660	370	610	1334	85	860	1200	35	90	507	550	18	341
ASL125/40-110KW/4	315S-4	110	180	830	6	1275	430	940	1991	110	1150	1650	55	115	657	700	18	1153
ASL125/40-90KW/4	280M-4	90	180	810	6	1030	410	790	1746	100	1070	1450	55	95	557	600	18	872
ASL125/40-75KW/4	280S-4	75	180	810	6	980	410	790	1696	100	1070	1452	55	95	557	600	18	830
ASL125/40-55KW/4	250M-4	55	180	805	4	910	405	770	1624	110	1010	1450	55	90	507	550	18	655
ASL125/40-45KW/4	225M-4	45	180	805	4	835	405	730	1549	110	950	1300	55	90	507	550	18	580
ASL125/40-37KW/4	225S-4	37	180	805	4	810	405	735	1524	110	950	1300	55	90	507	550	18	569
ASL125/40-30KW/4	200L-4	30	180	805	4	765	405	705	1479	110	900	1300	55	90	507	550	18	486
ASL125/50-160KW/4	315L1-4	160	180	920	6	1320	470	985	2176	110	1350	1850	55	115	657	700	18	1466
ASL125/50-132KW/4	315M-4	132	180	920	6	1320	470	985	2176	110	1300	1750	55	115	657	700	18	1420
ASL125/50-110KW/4	315S-4	110	180	920	6	1275	470	980	2131	110	1300	1750	55	115	657	700	18	1278
ASL125/50-90KW/4	280M-4	90	180	920	6	1030	470	850	1886	110	1200	1650	55	115	657	700	18	1026
ASL125/50-75KW/4	280S-4	75	180	920	6	980	470	850	1836	110	1200	1650	55	115	657	700	18	983
ASL150/20-30KW/4	200L-4	30	180	770	4	765	370	670	1449	105	890	1300	55	90	417	460	18	434
ASL150/20-22KW/4	180L-4	22	180	770	4	725	370	630	1409	105	840	1200	55	90	417	460	18	372
ASL150/20-18.5KW/4	180M-4	18.5	180	770	4	690	370	630	1374	105	840	1200	55	90	417	460	18	350
ASL150/20-15KW/4	160L-4	15	180	770	4	660	370	610	1344	105	820	1200	55	90	417	460	18	313
ASL150/20-11KW/4	160M-4	11	180	770	4	605	370	610	1289	105	820	1200	55	90	417	460	18	293
ASL150/26-55KW/4	250M-4	55	180	695	4	910	340	705	1624	110	1010	1450	55	90	507	550	18	637
ASL150/26-45KW/4	225M-4	45	180	695	4	835	340	665	1549	110	950	1300	55	90	457	500	18	561
ASL150/26-37KW/4	225S-4	37	180	695	4	810	340	670	1524	110	950	1300	55	90	457	500	18	549

Pump model	Motor(B3)		Size(mm)															weight
	Seat No.	kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	kg
ASL150/26-30KW/4	200L-4	30	180	695	4	765	340	640	1479	110	900	1300	55	90	457	500	18	467
ASL150/26-22KW/4	180L-4	22	180	695	4	725	340	600	1439	85	870	1200	55	90	457	500	18	404
ASL150/26-18.5KW/4	180M-4	18.5	180	695	4	690	340	600	1404	85	870	1200	55	90	457	500	18	383
ASL150/26-15KW/4	160L-4	15	180	695	4	660	340	580	1374	85	880	1200	55	90	457	500	18	346
ASL150/32-90KW/4	280M-4	90	180	775	6	1030	375	755	1746	100	1070	1450	60	95	557	600	18	864
ASL150/32-75KW/4	280S-4	75	180	775	6	980	375	755	1696	100	1070	1450	60	95	557	600	18	822
ASL150/32-55KW/4	250M-4	55	180	770	4	910	370	735	1624	110	1010	1450	60	90	557	600	18	648
ASL150/32-45KW/4	225M-4	45	180	770	4	835	370	695	1549	110	950	1450	60	90	557	600	18	575
ASL150/32-37KW/4	225S-4	37	180	770	4	810	370	700	1524	110	950	1450	60	90	557	600	18	564
ASL150/32-30KW/4	200L-4	30	180	770	4	765	370	670	1479	110	900	1300	60	90	557	600	18	479
ASL150/32-22KW/4	180L-4	22	180	770	4	725	370	630	1439	110	900	1300	60	90	557	600	18	418
ASL150/40-132KW/4	315M-4	132	180	880	6	1320	430	945	2036	110	1150	1650	55	115	657	700	18	1323
ASL150/40-110KW/4	315S-4	110	180	880	6	1275	430	940	1991	110	1150	1650	55	115	657	700	18	1180
ASL150/40-90KW/4	280M-4	90	180	880	6	1030	430	810	1746	110	1080	1500	55	115	657	700	18	921
ASL150/40-75KW/4	280S-4	75	180	880	6	980	430	810	1696	110	1080	1500	55	115	657	700	18	878
ASL150/40-55KW/4	250M-4	55	180	875	4	910	425	790	1624	110	990	1400	55	110	557	600	18	696
ASL150/40-45KW/4	225M-4	45	180	875	4	835	425	750	1549	110	990	1400	55	110	557	600	18	625
ASL150/40-37KW/4	225S-4	37	180	875	4	810	425	755	1524	110	990	1400	55	110	557	600	18	619
ASL150/50-200KW/4	315L2-4	200	180	990	6	1320	490	1005	2176	110	1350	1850	75	115	657	700	18	1579
ASL150/50-160KW/4	315L1-4	160	180	990	6	1320	490	1005	2176	110	1350	1850	75	115	657	700	18	1497
ASL150/50-132KW/4	315M-4	132	180	990	6	1320	490	1005	2176	110	1300	1750	75	115	657	700	18	1452
ASL150/50-110KW/4	315S-4	110	180	990	6	1275	490	1000	2131	110	1300	1750	75	115	657	700	18	1309
ASL150/50-90KW/4	280M-4	90	180	990	6	1030	490	870	1886	110	1200	1650	75	115	657	700	18	1056
ASL200/26-55KW/4	250M-4	55	180	875	4	910	425	790	1649	110	990	1400	75	110	557	600	18	708
ASL200/26-45KW/4	225M-4	45	180	875	4	835	425	750	1574	110	990	1400	75	110	557	600	18	635
ASL200/26-37KW/4	225S-4	37	180	875	4	810	425	755	1549	110	990	1400	75	110	557	600	18	624
ASL200/26-30KW/4	200L-4	30	180	875	4	765	425	725	1504	110	940	1300	75	110	557	600	18	539
ASL200/26-22KW/4	180L-4	22	180	875	4	725	425	685	1464	110	940	1300	75	110	557	600	18	478
ASL200/26-18.5KW/4	180M-4	18.5	180	875	4	690	425	685	1429	110	940	1300	75	110	557	600	18	457
ASL200/32-110KW/4	315S-4	110	180	910	6	1275	430	940	2131	110	1300	1750	50	115	657	700	18	1263
ASL200/32-90KW/4	280M-4	90	180	910	6	1030	430	810	1886	130	1210	1650	50	115	657	700	18	1005
ASL200/32-75KW/4	280S-4	75	180	910	6	980	430	810	1836	130	1210	1650	50	115	657	700	18	962
ASL200/32-55KW/4	250M-4	55	180	905	4	910	425	790	1764	130	1170	1600	50	110	607	650	18	784
ASL200/32-45KW/4	225M-4	45	180	905	4	835	425	750	1689	130	1070	1500	50	110	607	650	18	709
ASL200/32-37KW/4	225S-4	37	180	905	4	810	425	755	1664	130	1070	1500	50	110	607	650	18	698
ASL200/32-30KW/4	200L-4	30	180	905	4	765	425	725	1619	130	1070	1500	50	110	607	650	18	614
ASL200/40-200KW/4	315L2-4	200	180	930	6	1320	450	965	2176	130	1330	1850	50	115	657	700	18	1576

Pump model	Motor(B3)		Size(mm)															weight
	Seat No.	kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Φd	kg
ASL200/40-160KW/4	315L1-4	160	180	930	6	1320	450	965	2176	130	1330	1850	50	115	657	700	18	1494
ASL200/40-132KW/4	315M-4	132	180	930	6	1320	450	965	2176	110	1300	1750	35	115	657	700	18	1449
ASL200/40-110KW/4	315S-4	110	180	930	6	1275	450	960	2131	110	1300	1750	35	115	657	700	18	1306
ASL200/40-90KW/4	280M-4	90	180	930	6	1030	450	830	1886	130	1210	1650	35	115	657	700	18	1047
ASL200/40-75KW/4	280S-4	75	180	930	6	980	450	830	1836	130	1210	1650	35	115	657	700	18	1004
ASL200/40-55KW/4	250M-4	55	180	925	4	910	445	810	1764	130	1170	1600	50	110	607	650	18	827
ASL200/50-315KW/4	355L-4	315	200	1140	6	1540	580	1235	2466	110	1510	2100	95	155	800	850	18	2457
ASL200/50-250KW/4	355M-4	250	200	1140	6	1540	580	1235	2466	110	1510	2000	95	155	800	850	18	2303
ASL200/50-200KW/4	315L2-4	200	200	1100	6	1320	540	1055	2246	110	1420	1850	95	115	807	850	18	1710
ASL200/50-160KW/4	315L1-4	160	200	1100	6	1320	540	1055	2246	110	1420	1850	95	115	807	850	18	1628
ASL200/50-132KW/4	315M-4	132	200	1100	6	1320	540	1055	2246	110	1370	1750	95	115	807	850	18	1585
ASL200/50-110KW/4	315S-4	110	200	1100	6	1275	540	1050	2201	110	1370	1750	95	115	807	850	18	1442
ASL250/32-160KW/4	315L1-4	160	220	990	6	1320	470	985	2237	110	1300	1850	90	115	657	700	18	1535
ASL250/32-132KW/4	315M-4	132	220	990	6	1320	470	985	2237	110	1300	1850	90	115	657	700	18	1491
ASL250/32-110KW/4	315S-4	110	220	990	6	1275	470	980	2192	110	1300	1850	90	115	657	700	18	1348
ASL250/32-90KW/4	280M-4	90	220	990	6	1030	470	850	1947	130	1250	1650	90	115	657	700	18	1089
ASL250/32-75KW/4	280S-4	75	220	990	6	980	470	850	1897	130	1250	1650	90	115	657	700	18	1046
ASL250/32-55KW/4	250M-4	55	220	985	6	910	465	830	1827	130	1200	1650	90	110	657	700	18	871
ASL250/32-45KW/4	225M-4	45	220	985	6	835	465	790	1752	130	1170	1500	90	110	657	700	18	795
ASL250/32-37KW/4	225S-4	37	220	985	6	810	465	795	1727	130	1170	1500	90	110	657	700	18	783
ASL250/40-250KW/4	355M-4	250	220	1115	6	1540	555	1210	2448	130	1370	2000	90	155	800	850	18	2251
ASL250/40-200KW/4	315L2-4	200	220	1075	6	1320	515	1030	2228	130	1350	1850	90	115	657	700	18	1649
ASL250/40-160KW/4	315L1-4	160	220	1075	6	1320	515	1030	2228	130	1350	1850	90	115	657	700	18	1567
ASL250/40-132KW/4	315M-4	132	220	1075	6	1320	515	1030	2228	110	1300	1850	90	115	657	700	18	1524
ASL250/40-110KW/4	315S-4	110	220	1075	6	1275	515	1025	2183	110	1300	1850	90	115	657	700	18	1381
ASL250/40-90KW/4	280M-4	90	220	1075	6	1030	515	895	1938	130	1250	1650	90	115	657	700	18	1121
ASL250/40-75KW/4	280S-4	75	220	1075	6	980	515	895	1888	130	1250	1650	90	115	657	700	18	1078
ASL250/50-315KW/4	355L-4	315	250	1275	6	1540	605	1260	2516	110	1450	2100	95	155	800	850	18	2561
ASL250/50-250KW/4	355M-4	250	250	1275	6	1540	605	1260	2516	110	1510	2000	95	155	800	850	18	2406
ASL250/50-200KW/4	315L2-4	200	250	1235	6	1320	565	1080	2296	130	1400	1850	125	115	807	850	18	1811
ASL250/50-160KW/4	315L1-4	160	250	1235	6	1320	565	1080	2296	130	1400	1850	125	115	807	850	18	1730
ASL250/50-132KW/4	315M-4	132	250	1235	6	1320	565	1080	2296	130	1400	1850	125	115	807	850	18	1686
ASL300/40-200KW/4	315L2-4	200	300	965	6	1320	540	1055	2346	130	1400	1850	170	115	807	850	18	1810
ASL300/40-160KW/4	315L1-4	160	300	965	6	1320	540	1055	2346	130	1400	1850	172	115	807	850	18	1728
ASL300/40-132KW/4	315M-4	132	300	965	6	1320	540	1055	2346	130	1400	1850	170	115	807	850	18	1685
ASL300/40-110KW/4	315S-4	110	300	965	6	1275	540	1050	2301	130	1400	1850	170	115	807	850	18	1542
ASL300/40-90KW/4	280M-4	90	300	965	6	1030	540	920	2056	130	1300	1750	170	115	807	850	18	1280