MULTISTAGE PUMP
IN-LINE PUMP

ZHEJIANG DAYUAN PUMPS INDUSTRIAL CO.,LTD

ZHEJIANG DAYUAN PUMPS INDUSTRIAL CO.,LTD

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2024 V1.0

Online Shop

INTRODUCTION

About DAYUAN

- DAYUAN PUMP, founded in 1990, is a professional pump solution provider engaged in R&D, manufacture, sales and service of all series pumps.
- Identified as “China Famous Brand” and high-tech enterprise
- Listed in Shanghai Stock Exchange with stock code 603757
- 2 production plants in China covering over 225,000 square meters
- New plant could reach monthly output 600,000 pcs
- Global network covers 100+ countries and regions
- Over 1,800 employees and 320+ patents
- One of the drafters of national standard in pump industry

ISO9001 ISO14001 OHSAS45001 CE

DAYUAN Honor

Equipped with 24 smart automatic production lines.
Automatic installation, detection of missing installation and testing.

Set up precision testing laboratories, physics laboratories, chemical laboratories, metrological correction laboratories.
Unique 3 steps tests, including motor test, pump test and overall unit test to guarantee quality.
100% testing for pumps.

SCIENCE

DAIYUAN® PUMP

CONTENTS

DHY-DHL: Pressure Booster System

APPLICATION

- Building water supply and drainage
- Garden sprinkler system and fish farming
- Small air conditioner system or HVAC
- Pipeline pressurization and supporting equipment
- Industrial circulation system and booster system

TECHNICAL DATA

- Max. Flow: 467 L/min
- Max. Head: 80 m
- Power range: 0.37~4 kW (0.5~5.5HP)
- Max. ambient temperature: 40℃
- Max. Liquid temperature range: 70℃
- High temperature resistant model: Max. 105℃

FEATURES

- Protection class: IP55
- Insulation class: F
- Constant pressure with SAJ Inverter
- Auto-restart dry-running protection
- Easy installation & operation
- Long service life with stainless steel structure

DHY-DV/DVS: Pressure Booster System

APPLICATION

- High-rise building water supply;
- Factory water filtration and transportation;
- Pipeline pressurization and equipment supporting system;;
- Washing and cleaning system;
- Boiler feed water and cooling water circulation;
- HVAC system and ultra-filtration system;
- Food &beverage factory and fire protection system

TECHNICAL DATA

- Max. Flow: 240 m³/h
- Max. Head: 323 m
- Power range: 0.37~110 kW
- Max. ambient temperature: 40℃
- Liquid temperature: -15℃~120℃

FEATURES

- Protection class: IP55
- Insulation class: F
- Constant pressure and VFD control with SAJ Inverter
- Auto-restart dry-running protection
- Easy installation & operation
- Long service life with stainless steel structure

DWFY- DAYUAN Pressure Booster

APPLICATION

- High-rise building water supply & boosting
- Industrial water filtration and conveying
- Pipeline pressurization and cleaning systems
- Boiler feed water and cooling water circulation
- Ultra-filtration and RO systems
- Sprinkler irrigation and fire fighting system, etc.

TECHNICAL DATA

- Max. Flow: 1200 m³/h
- Max. Head: 323 m
- DN: 25~100 mm

DH/DHL/DHS

APPLICATION

- Building water supply and drainage
- Garden sprinkler system and fish farming
- Small air conditioner system or HVAC
- Pipeline pressurization and supporting equipment
- Industrial circulation system and booster system

PUMP

- Max. ambient temperature: 40℃
- Liquid temperature range: 0℃~70℃
- High temperature resistant model: Max. 105℃
- Max.operating pressure: 10 bar
- Max. Inlet pressure: 6 bar

MOTOR

- Protection class: IP55
- Insulation class: F
- Frequency range: 50/60Hz
- Nominal speed: 2900/3500 rpm

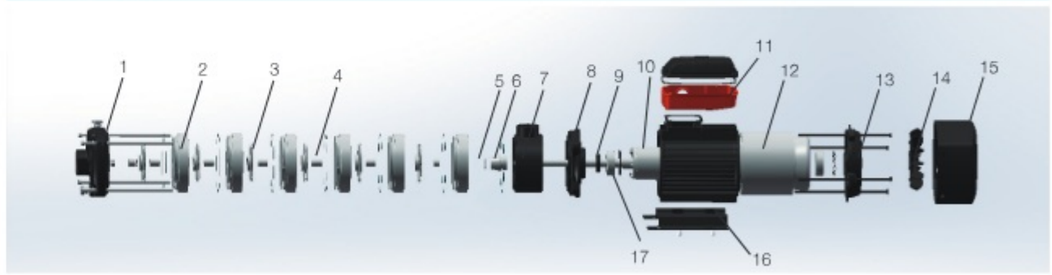
MODEL INSTRUCTION

DH (m) 4 - 3
- Impeller stages
- Rated flow(m³/h)
- Single phase (Omitted for three phase)
- Pump casing by Cast iron

DHL (m) 2 - 6
- Impeller stages
- Rated flow(m³/h)
- Single phase (Omitted for three phase)
- Pump casing by SUS304 (Stamp Stainless Steel)

DHS (m) 10 - 4
- Impeller stages
- Rated flow(m³/h)
- Single phase (Omitted for three phase)
- Pump casing by SUS304 (Cast Stainless Steel)

MODEL ANALYSIS

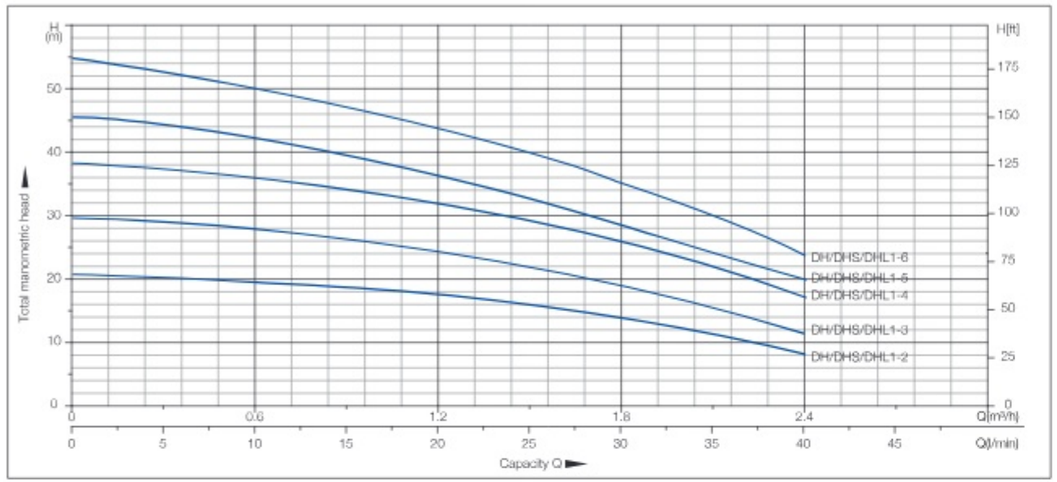


NO.	NAME	Material
1	Pump body	HT200/AISI304
2	Diffuser	AISI304
3	Impeller	AISI304
4	Sleeve	AISI304
5	Flat gasket	AISI304
6	Mechanical seal	

NO.	NAME	Material
7	Outlet body	HT200/AISI304
8	Front cover	ZL102
9	Skeleton oil seal	
10	Rotor	
11	Terminal box	PP-A30
12	Stator	

NO.	NAME	Material
13	Rear cover	ZL102
14	Fan	PP
15	Fan cover	Cast steel
16	Base plate	Q235B
17	Bearing	

PERFORMANCE CURVES

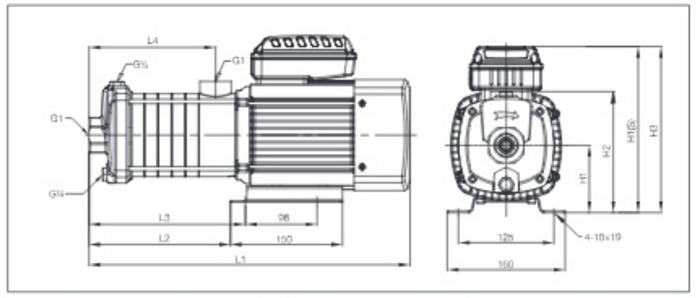


TECHNICAL TABLE

Model	Power (kW)	Power (HP)	Q(m³/h)	0.4	0.6	0.8	1	1.2	1.4	1.8	2	2.4
			l/min	7	10	13	17	20	23	30	33	40
DH/DHS/DHL1-2	0.37	0.5	H(m)	19.5	19	18.5	18	17.5	17	14	12	8
DH/DHS/DHL1-3	0.37	0.5		29	28.5	26	25	24.5	23.5	19	16	11
DH/DHS/DHL1-4	0.37	0.5		37	36	35	33	32	30	26	20	17
DH/DHS/DHL1-5	0.37	0.5		43	42	41	40	36	34	27	22	20
DH/DHS/DHL1-6	0.37	0.5		51	50	49	46	44	42	32	26	24

INSTALLATION METHOD AND SIZE

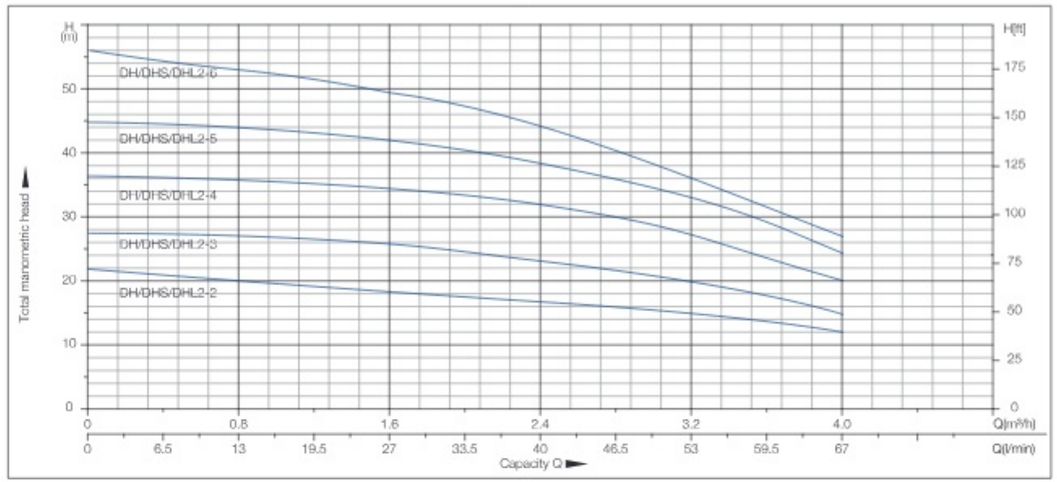
H1(S): Single-phase Machine height H3: Three-phase Machine height



Model	L1	L2	L3	L4	H1(S)	H3	H1	H2
DH/DHS/DHL1-2	350	140	160	110	205	190	75	147
DH/DHS/DHL1-3	350	140	160	110	205	190	75	147
DH/DHS/DHL1-4	370	160	180	130	205	190	75	147
DH/DHS/DHL1-5	390	180	200	150	205	190	75	147
DH/DHS/DHL1-6	410	200	220	170	205	190	75	147

Model	L X W X H (mm)	G.W.[kg]
DH(m)1-2	401×220×275	10.6
DH(m)1-3	401×220×275	10.6
DH(m)1-4	419×220×275	11
DH(m)1-5	437×220×275	11.3
DH(m)1-6	455×220×275	11.5
DHS(m)1-2	401×220×275	10
DHS(m)1-3	401×220×275	10.3
DHS(m)1-4	419×220×275	10.6
DHS(m)1-5	437×220×275	10.7
DHS(m)1-6	455×220×275	11
DHL(m)1-2	401×220×275	9.6
DHL(m)1-3	401×220×275	9.8
DHL(m)1-4	419×220×275	10.2
DHL(m)1-5	437×220×275	10.4
DHL(m)1-6	455×220×275	10.6

PERFORMANCE CURVES

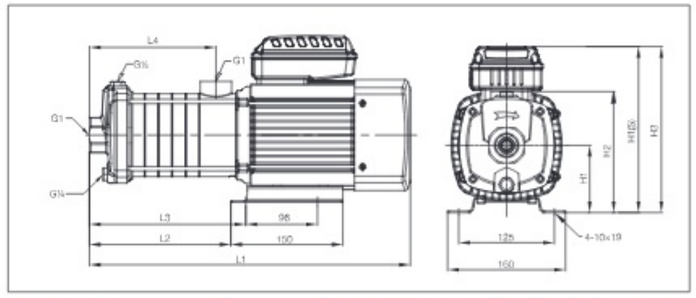


TECHNICAL TABLE

Model	Power (kW)	Power (HP)	Q(m³/h)	0.8	1.2	1.6	2	2.4	2.8	3.2	3.6	4
			l/min	13	20	27	33	40	47	53	60	67
DH/DHS/DHL2-2	0.37	0.5	H(m)	19.5	19	18.5	18	17	16.5	14.5	13.5	12
DH/DHS/DHL2-3	0.37	0.5		27	26	25	24	23	22	20	17	15
DH/DHS/DHL2-4	0.55	0.75		36	35	34	32	31	29	27	23	20
DH/DHS/DHL2-5	0.55	0.75		44	43	42	40	38	36	33	28.5	24
DH/DHS/DHL2-6	0.75	1		53	51.5	48	47	45	41	36	31.5	27

INSTALLATION METHOD AND SIZE

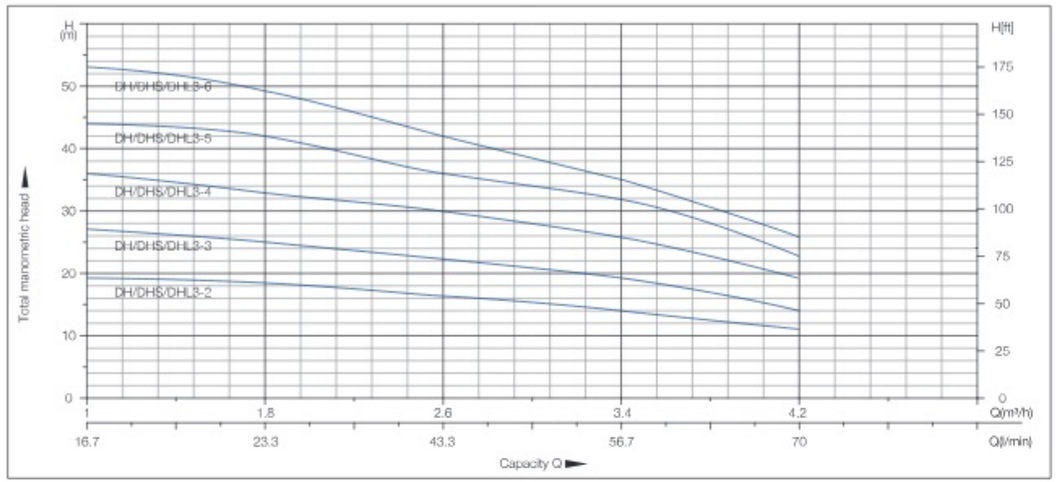
H1(S): Single-phase Machine height H3: Three-phase Machine height



Model	L1	L2	L3	L4	H1(S)	H3	H1	H2
DH/DHS/DHL2-2	350	140	160	110	205	190	75	147
DH/DHS/DHL2-3	350	140	160	110	205	190	75	147
DH/DHS/DHL2-4	370	160	180	130	205	190	75	147
DH/DHS/DHL2-5	390	180	200	150	205	190	75	147
DH/DHS/DHL2-6	410	200	220	170	205	190	75	147

Model	L X W X H (mm)	G.W.[kg]
DH(m)2-2	401×220×275	10.6
DH(m)2-3	401×220×275	10.6
DH(m)2-4	419×220×275	11.7
DH(m)2-5	437×220×275	12.1
DH(m)2-6	455×220×275	12.4
DHS(m)2-2	401×220×275	10.2
DHS(m)2-3	401×220×275	10.5
DHS(m)2-4	419×220×275	11.5
DHS(m)2-5	437×220×275	11.6
DHS(m)2-6	455×220×275	12.5
DHL(m)2-2	401×220×275	9.6
DHL(m)2-3	401×220×275	9.6
DHL(m)2-4	419×220×275	10.7
DHL(m)2-5	437×220×275	11.5
DHL(m)2-6	455×220×275	12.4

PERFORMANCE CURVES

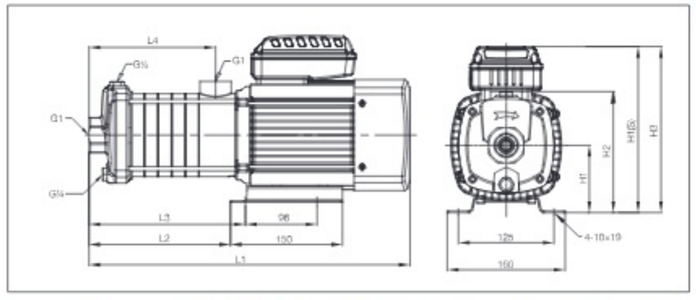


TECHNICAL TABLE

Model	Power (kW)	Power (HP)	Q(m³/h)	1	1.4	1.8	2.2	2.6	3	3.4	3.8	4.2
			l/min	16.7	23.3	30	36.7	43.3	50	56.7	63.3	70
DH/DHS/DHL3-2	0.37	0.5	H(m)	19.5	19	18.5	18	16.5	16	14	13.5	11
DH/DHS/DHL3-3	0.37	0.5		27	26.5	25	24	22	21	19	17	14
DH/DHS/DHL3-4	0.55	0.75		36	35	33	32	30	29	26	23	19
DH/DHS/DHL3-5	0.55	0.75		44	43	42	40	36	34	32	29	23
DH/DHS/DHL3-6	0.75	1		53	52	49	47	42	42	35	31	26

INSTALLATION METHOD AND SIZE

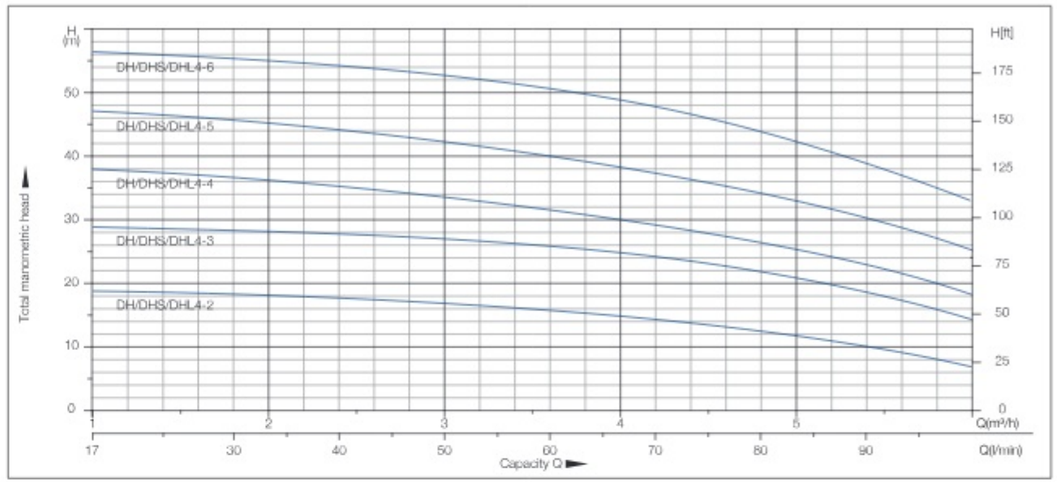
H1(S): Single-phase Machine height H3: Three-phase Machine height



Model	L1	L2	L3	L4	H1(S)	H3	H1	H2
DH/DHS/DHL3-2	350	140	160	110	205	190	75	147
DH/DHS/DHL3-3	350	140	160	110	205	190	75	147
DH/DHS/DHL3-4	370	160	180	130	205	190	75	147
DH/DHS/DHL3-5	390	180	200	150	205	190	75	147
DH/DHS/DHL3-6	410	200	220	170	205	190	75	147

Model	L X W X H (mm)	G.W.[kg]
DH(m)3-2	401×220×275	10.5
DH(m)3-3	401×220×275	10.8
DH(m)3-4	419×220×275	11.7
DH(m)3-5	437×220×275	12.2
DH(m)3-6	455×220×275	13.3
DHS(m)3-2	401×220×275	10.1
DHS(m)3-3	401×220×275	10.5
DHS(m)3-4	419×220×275	11
DHS(m)3-5	437×220×275	12
DHS(m)3-6	455×220×275	13.2
DHL(m)3-2	401×220×275	9.5
DHL(m)3-3	401×220×275	9.6
DHL(m)3-4	419×220×275	9.7
DHL(m)3-5	437×220×275	11
DHL(m)3-6	455×220×275	12.6

PERFORMANCE CURVES

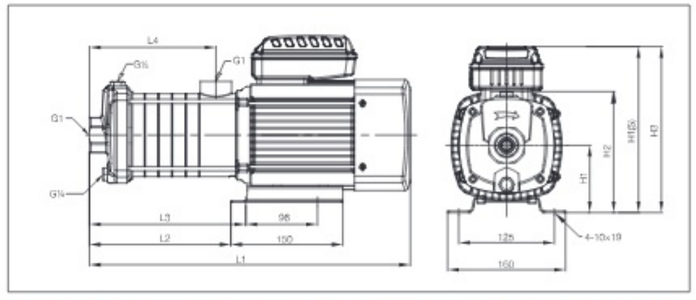


TECHNICAL TABLE

Model	Power (kW)	Power (HP)	Q(m³/h)	1	1.6	2.2	2.8	3.4	4	4.6	5.2	5.8	6
			l/min	17	27	37	47	57	67	77	87	97	100
DH/DHS/DHL4-2	0.55	0.75	H(m)	18.5	18	17	16	15.5	15	13.5	12	8	7
DH/DHS/DHL4-3	0.55	0.75		29	28.5	28	26	25.5	25	23	21	16	14
DH/DHS/DHL4-4	0.75	1		38	37	36	33	32	30	28	26	20	18
DH/DHS/DHL4-5	1	1.3		47	46	45	43	41	40	36	34	28	25
DH/DHS/DHL4-6	1.3	1.7		56.5	55	54	52	51	49	45	42	36	33

INSTALLATION METHOD AND SIZE

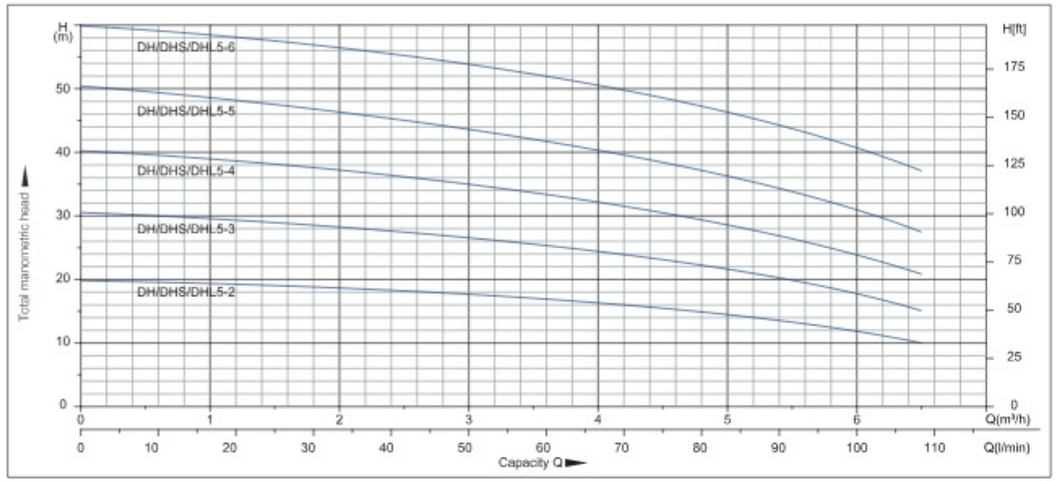
H1(S): Single-phase Machine height H3: Three-phase Machine height



Model	L1	L2	L3	L4	H1(S)	H3	H1	H2
DH/DHS/DHL4-2	350	140	160	110	205	190	75	147
DH/DHS/DHL4-3	350	140	160	110	205	190	75	147
DH/DHS/DHL4-4	370	160	180	130	205	190	75	147
DH/DHS/DHL4-5	400	170	190	150	220	210	90	165
DH/DHS/DHL4-6	420	190	210	170	220	210	90	165

Model	L X W X H (mm)	G.W.[kg]
DH(m)4-2	401×220×275	11.5
DH(m)4-3	401×220×275	11.4
DH(m)4-4	419×220×275	12.9
DH(m)4-5	455×220×275	15.2
DH(m)4-6	470×220×275	15.9
DHS(m)4-2	401×220×275	11
DHS(m)4-3	401×220×275	11.2
DHS(m)4-4	419×220×275	12.1
DHS(m)4-5	455×220×275	14.3
DHS(m)4-6	470×220×275	15.8
DHL(m)4-2	401×220×275	10.7
DHL(m)4-3	401×220×275	10.9
DHL(m)4-4	419×220×275	11.5
DHL(m)4-5	455×220×275	14.3
DHL(m)4-6	470×220×275	15.6

PERFORMANCE CURVES

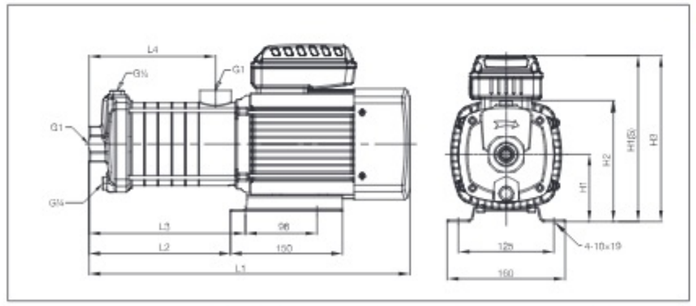


TECHNICAL TABLE

Model	Power (kW)	Power (HP)	Q(m³/h)	0.8	1.8	2.6	3.4	4.2	4.5	5	5.8	6.5
			l/min	13	30	43	57	70	75	83	97	108
DH/DHS/DHL5-2	0.55	0.75	H(m)	19	17	16	15.5	14	13.5	13	11	7
DH/DHS/DHL5-3	0.55	0.75		30	28	27	25.5	24.5	23	22	20	14
DH/DHS/DHL5-4	0.75	1		40	36	34	32	29	28	27	24	19
DH/DHS/DHL5-5	1	1.3		49	45	43.5	41	39	36	35	32	24
DH/DHS/DHL5-6	1.3	1.7		57	54	52	51	48	45	44	41	31

INSTALLATION METHOD AND SIZE

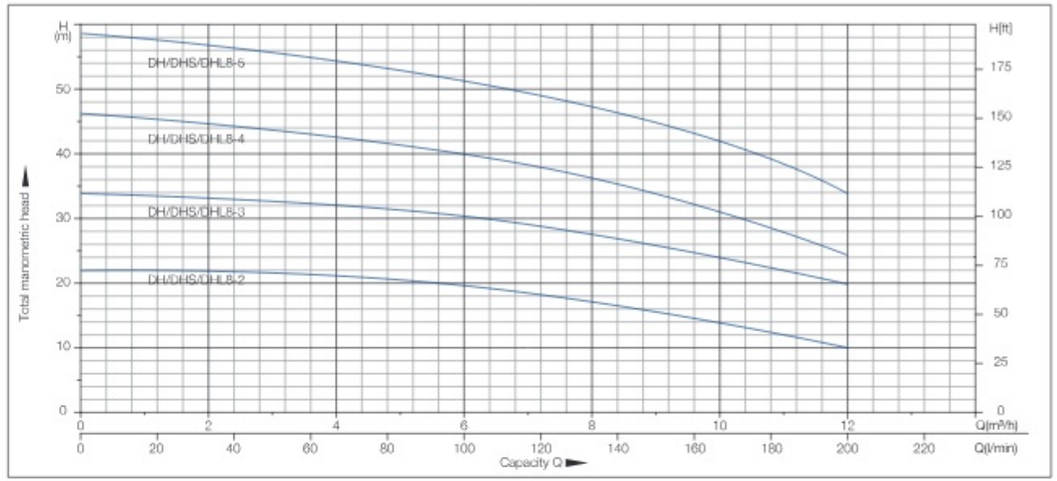
H1(S): Single-phase Machine height H3: Three-phase Machine height



Model	L1	L2	L3	L4	H1(S)	H3	H1	H2
DH/DHS/DHL5-2	350	140	160	110	205	190	75	147
DH/DHS/DHL5-3	350	140	160	110	205	190	75	147
DH/DHS/DHL5-4	370	160	180	130	205	190	75	147
DH/DHS/DHL5-5	400	170	190	150	220	210	90	165
DH/DHS/DHL5-6	420	190	210	170	220	210	90	165

Model	L X W X H (mm)	G.W.[kg]
DH(m)5-2	401×220×275	11.5
DHS5-2	401×220×275	10.9
DHSm5-2	401×220×275	11
DHL(m)5-2	401×220×275	10.7
DH(m)5-3	401×220×275	11.4
DHS(m)5-3	401×220×275	11.2
DHL(m)5-3	401×220×275	10.9
DH(m)5-4	419×220×275	12.9
DHS5-4	419×220×275	11.9
DHSm5-4	419×220×275	12.1
DHL(m)5-4	419×220×275	11.5
DH5-5	455×220×275	15.2
DHm5-5	455×220×275	14.3
DHS(m)5-5	455×220×275	14.3
DHL(m)5-5	455×220×275	14.3
DH5-6	470×220×275	15.5
DHm5-6	470×220×275	15.9
DHS5-6	470×220×275	15
DHS(m)5-6	470×220×275	15.8
DHL5-6	470×220×275	15
DHLm5-6	470×220×275	15.6

PERFORMANCE CURVES

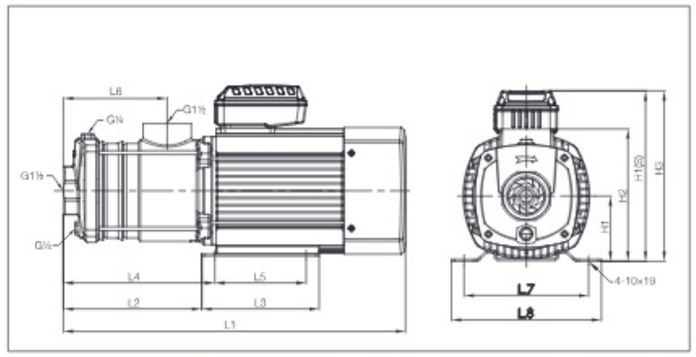


TECHNICAL TABLE

Model	Power (kW)	Power (HP)	Q(m³/h)	0	2	4	6	8	10	12
			l/min	0	33	67	100	133	167	200
DH/DHS/DHL8-2	0.75	1	H(m)	21	20.5	20	19.5	18	16	13
DH/DHS/DHL8-3	1	1.5		32	31	30	29.5	27	24	19
DH/DHS/DHL8-4	1.5	2		43	42	40.5	39.5	36	32	26
DH/DHS/DHL8-5	2.2	3		54	53	51	50	45	40	32

INSTALLATION METHOD AND SIZE

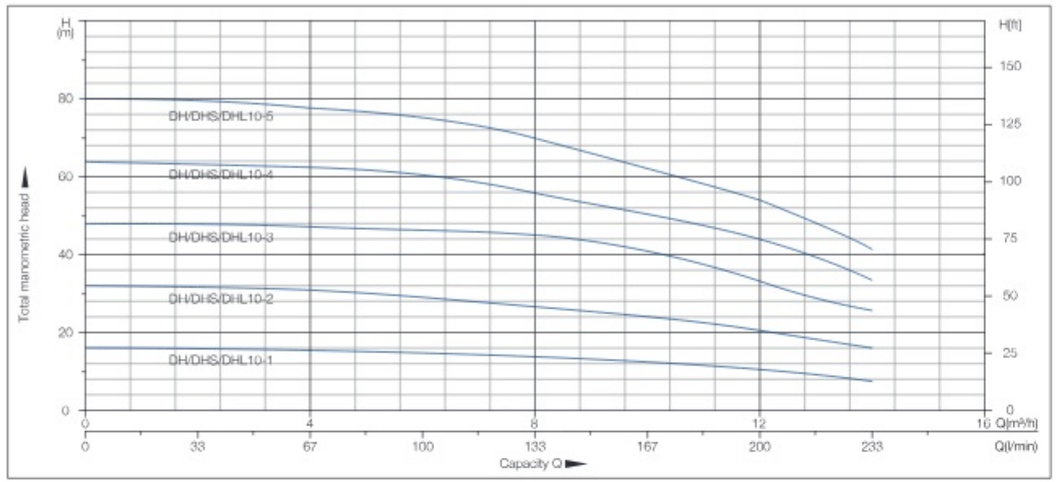
H1(S): Single-phase Machine height H3: Three-phase Machine height



Model	L1	L2	L3	L4	L5	L6	L7	L8	H1(S)	H3	H1	H2
DH/DHS/DHL8-2	400	175	150	195	96	125	125	160	220	210	90	165
DH/DHS/DHL8-3	430	205	150	225	96	155	125	160	220	210	90	165
DH/DHS/DHL8-4	515	235	180	255	140	185	165	200	235	225	90	180
DH/DHS/DHL8-5	545	265	180	285	140	215	165	200	235	225	90	180

Model	L X W X H (mm)	G.W.[kg]
DHm8-1	445×280×310	14.8
DHm8-2	445×280×310	19.4
DHm8-3	515×280×310	25.1
DHSm8-1	445×280×310	14.9
DHSm8-2	445×280×310	17.2
DHSm8-3	515×280×310	23.7
DHLm8-1	445×280×310	13.2
DHLm8-2	445×280×310	17.1
DHLm8-3	515×280×310	22.5
DH8-1	445×280×310	14.8
DH8-2	445×280×310	18.5
DH8-3	515×280×310	25.4
DH8-4	575×280×310	30.1
DH8-5	605×280×310	30.5
DHS8-1	445×280×310	14.9
DHS8-2	445×280×310	17.2
DHS8-3	515×280×310	23.4
DHS8-4	575×280×310	28.8
DHS8-5	605×280×310	30
DHL8-1	445×280×310	13.2
DHL8-2	445×280×310	16.2
DHL8-3	515×280×310	22.3
DHL8-4	575×280×310	28
DHL8-5	605×280×310	28.6

PERFORMANCE CURVES

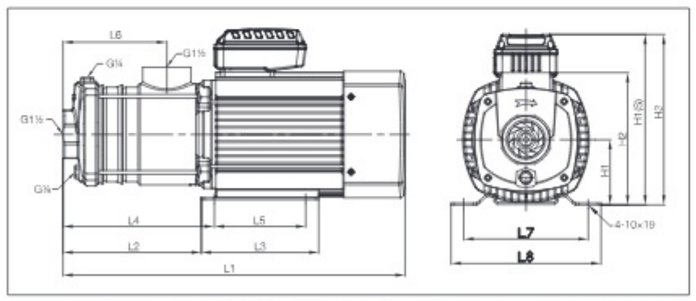


TECHNICAL TABLE

Model	Power (kW)	Power (HP)	Q(m³/h)	0	2	4	6	8	10	12	14
			l/min	0	33	67	100	133	167	200	233
DH/DHS/DHL10-1	0.75	1	H(m)	16	15.5	15	14.5	13.5	12	10.5	7.5
DH/DHS/DHL10-2	1.3	1.7		32	31.5	31	29.5	27	25	21	16
DH/DHS/DHL10-3	2.2	3		48	47.5	47	45.5	43	38	33	26
DH/DHS/DHL10-4	3	4		64	63	62	60	56	51	44	33
DH/DHS/DHL10-5	3	4		80	79	78	74	70	64	54	41

INSTALLATION METHOD AND SIZE

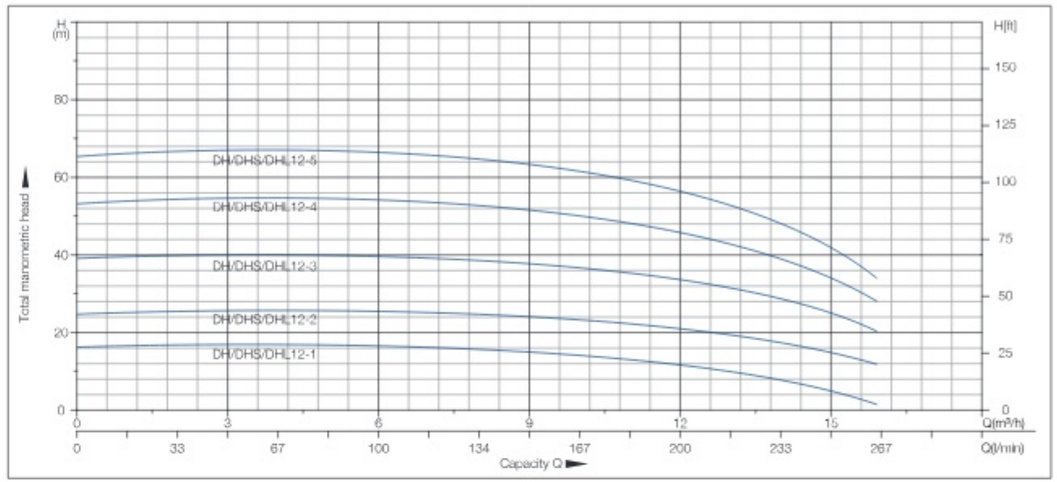
H1(S): Single-phase Machine height H3: Three-phase Machine height



Model	L1	L2	L3	L4	L5	L6	L7	L8	H1(S)	H3	H1	H2
DH/DHS/DHL10-1	400	175	150	195	96	125	125	160	220	210	90	165
DH/DHS/DHL10-2	400	175	150	195	96	125	125	160	220	210	90	165
DH/DHS/DHL10-3	485	205	180	225	140	155	165	200	235	225	90	180
DH/DHS/DHL10-4	550	240	180	260	140	185	190	230	-	255	100	200
DH/DHS/DHL10-5	580	270	180	290	140	215	190	230	-	255	100	200

Model	L X W X H (mm)	G.W.[kg]
DHm10-1	445×280×310	14.8
DHm10-2	445×280×310	19.4
DHm10-3	515×280×310	25.1
DHSm10-1	445×280×310	14.9
DHSm10-2	445×280×310	17.2
DHSm10-3	515×280×310	23.7
DHLm10-1	445×280×310	13.2
DHLm10-2	445×280×310	17.1
DHLm10-3	515×280×310	22.5
DH10-1	445×280×310	14.8
DH10-2	445×280×310	18.5
DH10-3	515×280×310	25.4
DH10-4	575×280×310	30.1
DH10-5	605×280×310	30.5
DHS10-1	445×280×310	14.9
DHS10-2	445×280×310	17.2
DHS10-3	515×280×310	23.4
DHS10-4	575×280×310	28.8
DHS10-5	605×280×310	30
DHL10-1	445×280×310	13.2
DHL10-2	445×280×310	16.2
DHL10-3	515×280×310	22.3
DHL10-4	575×280×310	28
DHL10-5	605×280×310	28.6

PERFORMANCE CURVES

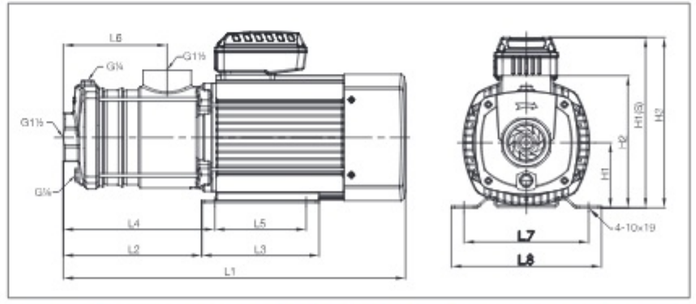


TECHNICAL TABLE

Model	Power (kW)	Power (HP)	Q(m³/h)	0	4	8	10	12	14	16
			l/min	0	67	133	167	200	233	266
DH/DHS/DHL12-1	0.75	1	H(m)	13.5	13.2	13	12.5	12	10	7.5
DH/DHS/DHL12-2	1.3	1.7		27	26.5	26	25.5	24	20	15
DH/DHS/DHL12-3	2.2	3		40	39.5	39	38	36	30	22
DH/DHS/DHL12-4	3	4		54	53	52	50	47	39	29
DH/DHS/DHL12-5	3	4		67	66.5	65	63	58	49	36

INSTALLATION METHOD AND SIZE

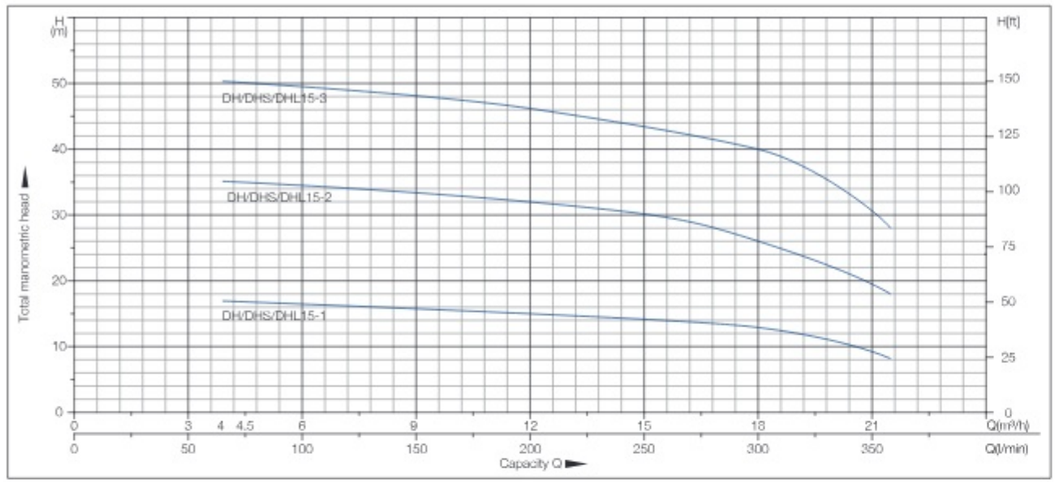
H1(S): Single-phase Machine height H3: Three-phase Machine height



Model	L1	L2	L3	L4	L5	L6	L7	L8	H1(S)	H3	H1	H2
DH/DHS/DHL12-1	400	175	150	195	96	125	125	160	220	210	90	165
DH/DHS/DHL12-2	400	175	150	195	96	125	125	160	220	210	90	165
DH/DHS/DHL12-3	485	205	180	225	140	155	165	200	235	225	90	180
DH/DHS/DHL12-4	550	240	180	260	140	185	190	230	-	255	100	200
DH/DHS/DHL12-5	580	270	180	290	140	215	190	230	-	255	100	200

Model	L X W X H (mm)	G.W.[kg]
DHm12-1	445×280×310	14.8
DHm12-2	445×280×310	19.4
DHm12-3	515×280×310	25.1
DHSm12-1	445×280×310	14.9
DHSm12-2	445×280×310	17.2
DHSm12-3	515×280×310	23.7
DHLm12-1	445×280×310	13.2
DHLm12-2	445×280×310	17.1
DHLm12-3	515×280×310	22.5
DH12-1	445×280×310	14.8
DH12-2	445×280×310	18.5
DH12-3	515×280×310	25.4
DH12-4	575×280×310	30.1
DH12-5	605×280×310	30.5
DHS12-1	445×280×310	14.9
DHS12-2	445×280×310	17.2
DHS12-3	515×280×310	23.4
DHS12-4	575×280×310	28.8
DHS12-5	605×280×310	30
DHL12-1	445×280×310	13.2
DHL12-2	445×280×310	16.2
DHL12-3	515×280×310	22.3
DHL12-4	575×280×310	28
DHL12-5	605×280×310	28.6

PERFORMANCE CURVES

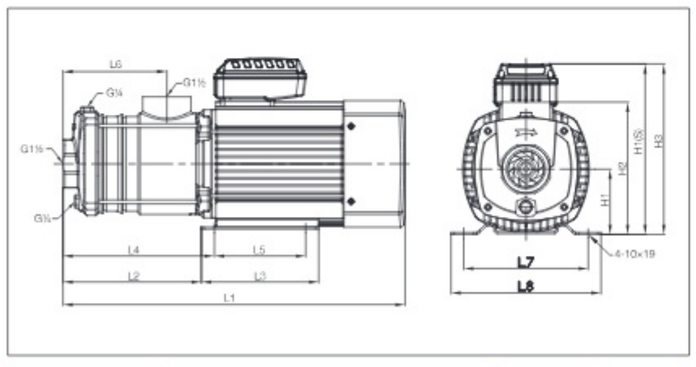


TECHNICAL TABLE

Model	Power (kW)	Power (HP)	Q(m³/h)	4	6	8	10	12	15	18	20	22
			l/min	67	100	133	167	200	250	300	333	367
DH/DHS/DHL15-1	1.3	1.7	H(m)	17	16.8	16.5	16	15.5	15	13	10	8
DH/DHS/DHL15-2	2.2	3		35	34.5	34	33.5	32	30	26	22	18
DH/DHS/DHL15-3	4	5.5		50	49	48	47.5	46	45	40	34	28

INSTALLATION METHOD AND SIZE

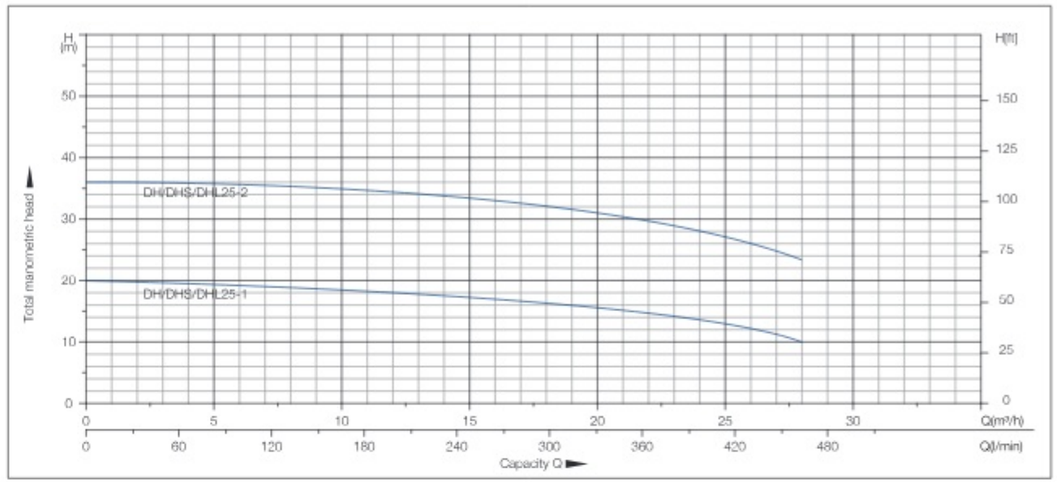
H1(S): Single-phase Machine height H3: Three-phase Machine height



Model	L1	L2	L3	L4	L5	L6	L7	L8	H1(S)	H3	H1	H2
DH/DHS/DHL15-1	410	175	150	195	96	130	125	160	220	210	90	200
DH/DHS/DHL15-2	460	175	180	195	140	130	165	200	235	225	90	180
DH/DHS/DHL15-3	525	210	180	235	140	160	190	230	-	255	100	200

Model	L X W X H (mm)	G.W.[kg]
DHm15-1	445×280×310	19.9
DHm15-2	485×280×310	24.8
DHSm15-1	445×280×310	19.9
DHSm15-2	485×280×310	23
DHLm15-1	445×280×310	16.5
DHLm15-2	485×280×310	21.7
DH15-1	445×280×310	19
DH15-2	485×280×310	24.3
DH15-3	545×280×310	32.4
DHS15-1	445×280×310	19
DHS15-2	485×280×310	22.8
DHS15-3	545×280×310	30.8
DHL15-1	445×280×310	15.6
DHL15-2	485×280×310	21.5
DHL15-3	545×280×310	30

PERFORMANCE CURVES

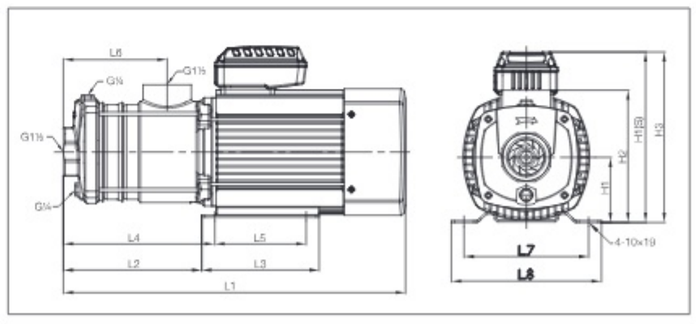


TECHNICAL TABLE

Model	Power (kW)	Power (HP)	Q(m³/h)	8	10	12	16	20	22	24	26	28
			l/min	133	167	200	267	333	367	400	433	467
DH/DHS/DHL25-1	2.2	3	H(m)	17.5	17	16.5	16	15	14.5	14	12	10
DH/DHS/DHL25-2	4	5.5		34	33.5	33	32	31	30	28	25	22

INSTALLATION METHOD AND SIZE

H1(S): Single-phase Machine height H3: Three-phase Machine height



Model	L1	L2	L3	L4	L5	L6	L7	L8	H1(S)	H3	H1	H2
DH/DHS/DHL25-1	460	175	180	195	140	130	160	200	235	225	90	180
DH/DHS/DHL25-2	500	180	180	205	140	130	190	230	-	255	100	200

Model	L X W X H (mm)	G.W.[kg]
DHm25-1	485×280×310	24.6
DHSm25-1	485×280×310	22.8
DHLm25-1	485×280×310	21.4
DH25-1	485×280×310	24.4
DH25-2	515×280×310	30.2
DHS25-1	485×280×310	22.6
DHS25-2	515×280×310	30.2
DHL25-1	485×280×310	21.2
DHL25-2	515×280×310	29

DV/DVS

APPLICATION

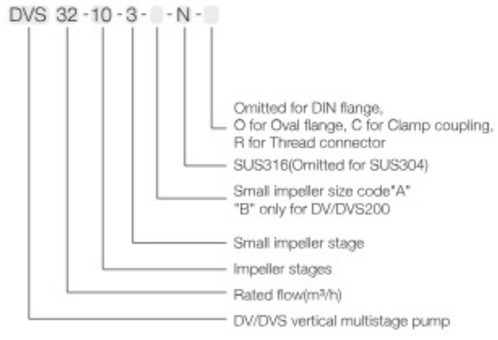
- High-rise building water supply
- Factory water filtration and transportation
- Pipeline pressurization and equipment supporting system
- Washing and cleaning system
- Boiler feed water and cooling water circulation
- HVAC system and ultra-filtration system
- Food &beverage factory and fire protection system

FEATURES

Low viscosity, non-flammable, non-explosive, Easily vaporized liquid containing neither solid particles nor fibers , the liquid must not have chemical reaction on the pump material, when the density and viscosity of the conveying liquid is greater than water, need to use high-power motor.

- Liquid temperature: -15℃ ~ 120℃
- Flow range: 0.4 ~ 240m³/h
- Liquid pH value: 3~9
- Maximum ambient temperature: +40℃
- Peak working pressure (PWP): 33bar
- Highest altitude: 1000m
- Fully enclosed standard air-cooled two-stage standard motor
- Protection class: IP55
- Insulation class: F

MODEL INSTRUCTION

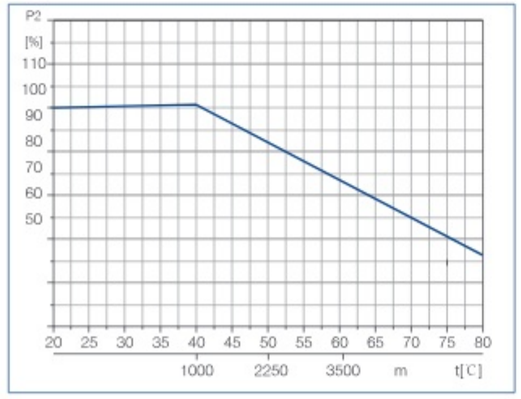


As shown above, When the pump is installed above 3500 meters above sea level, P2 is expected to drop to around 88%: when the ambient temperature reaches 70℃, P2 will drop to about 78%.

DVS/DVL: The flow passing components are all stainless steel material.
DV: pump casing,pump cover are Cast iron.

OPERATING ENVIRONMENT

The highest operating temperature of the pumps is +40℃ If the pumps are used at a temperature above +40 ℃, or their motors are installed at an altitude higher than 1000m, the output power of the motors will drop. See the figure below. In this circumstance, motors with larger output power are needed.



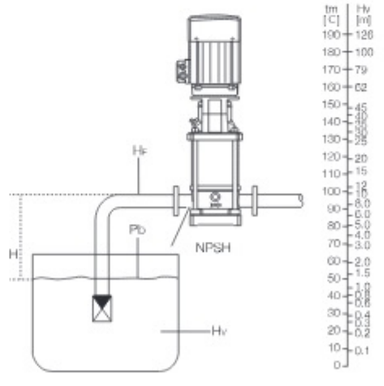
MINIMUM INLET PRESSURE-NPSH

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	=Pb*10.2-NPSH-Hf-Hv-Hs
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 inlte pressure of minimum"H"meters head is required.



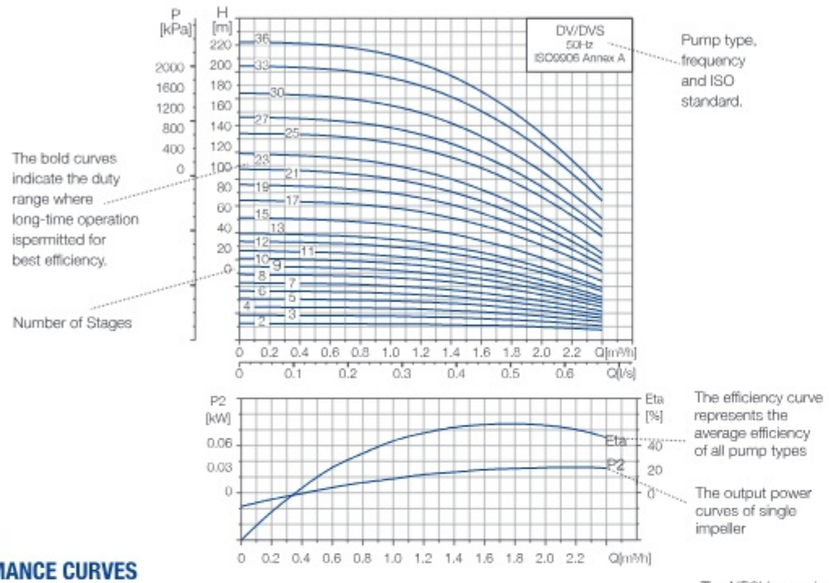
Note: To avoid cavitation, never select a pump with a duty point too far to the right on the NPSH curve. Always check the NPSH value of the pump at the highest possible flow.

MAXIMUM INLET PRESSURE

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

Model	Maximum inlet pressure(bar)
DV1/DVS1	
1-2→1-36	10
DV2/DVS2	
2-2	6
2-3→2-12	10
2-13→2-26	15
DV3/DVS3	
3-2→3-29	10
3-31→3-26	15
DV4/DVS4	
4-2	6
4-3→4-11	10
4-12→4-22	15
DV5/DVS5	
5-2→5-16	10
5-18→5-29	15
DV15/DVS15	
15-1→15-8	8
15-4→15-17	10
DV10/DVS10	
10-1→10-6	8
10-7→10-22	10
DV20/DVS20	
20-1→20-3	8
20-4→20-17	10
DV32/DVS32	
32-1-1→32-4	4
32-5-2→32-10	10
32-11V32-14	15
DV45/DVS45	
45-1-1→45-2	4
45-3-2→45-5	10
45-6-2→45-13-2	15
DV64/DVS64	
64-1-1→64-2-2	4
64-2-1→64-4-2	10
64-4-1→64-8-1	15
DV90/DVS90	
90-1-1→90-1	4
90-2-2→90-3-2	10
90-3→90-6	15

TECHNICAL TABLE

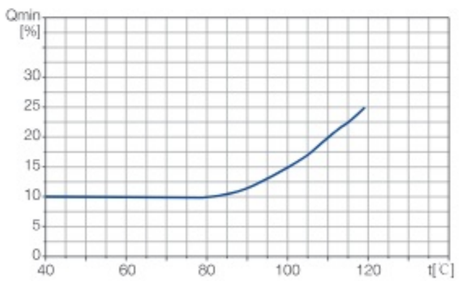


GUIDELINES TO PERFORMANCE CURVES

Tolerances to ISO 9006, Annex A.
Measurements have been made with airless water at a temperature of 20℃ and kinematic viscosity of 1mm²/s.
To avoid overheating of the motor, the pump should not be use against a high head for a long time.

MINIMUM FLOW RATE

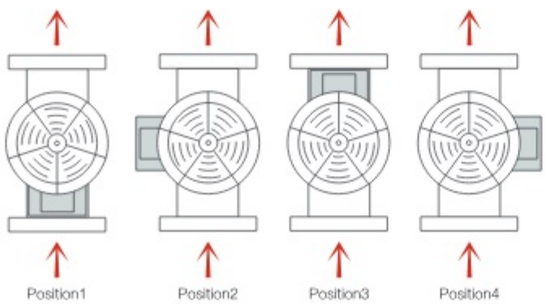
Due to the risk of overheating, the pump should not be used at a flow below the minimum flow rate.
The curve below Shows the minimum flow rate as a percentage of the nominal flow rate in relation to the liquid temperature.



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

TERMINAL BOX POSITIONS

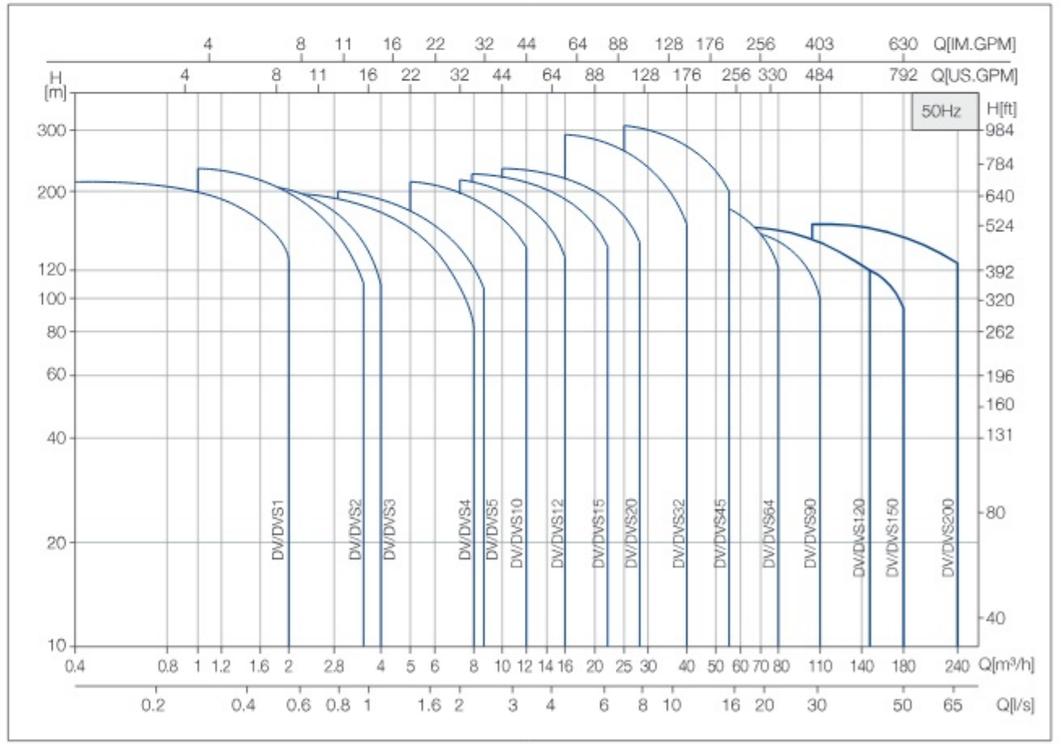
(Note: set to position 1 before delivery)



PRODUCT RANGE

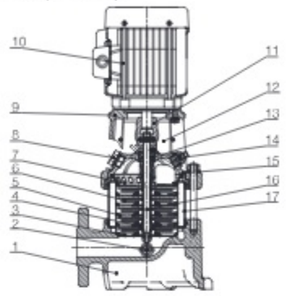
Model	DV1 DVS1	DV2 DVS2	DV3 DVS3	DV4 DVS4	DV5 DVS5	DV10 DVS10	DV12 DVS12	DV15 DVS15	DV20 DVS20	DV32 DVS32	DV45 DVS45	DV64 DVS64	DV90 DVS90	DV120 DVS120	DV150 DVS150	DV200 DVS200
Rated flow[m³/h]	1	2	3	4	5	10	12	15	20	32	45	64	90	120	150	200
Flow range[m³/h]	0.7-2.5	0.9-3.4	1.2-4.4	1.6-8.2	2.3-8.4	4.5-12.5	6-16	8-23.5	10-29	14-39	23-60	30-86	46-121	60-150	80-180	100-240
Max.pressure[bar]	22	23	24	21	24	22	22	23	25	28	33	22	20	20	20	20
Motor power[kW]	0.37-2.2	0.37-3	0.37-3	0.37-4	0.37-4	1.1-7.5	1.5-11	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[℃]	-20℃~+120℃ Note: (Both the Max. permissible pressure and liquid temperature range refer to the pump capacity.)															
Max.pump efficiency[%]	45	47.5	55	57	60	67	65	70	72	77	78	80	82	74	73	79
Pipe connection-DV																
Oval flange	G1	G1	G1	G1 ¼	G1 ¼	-	-	-	-	-	-	-	-	-	-	-
DIN flange						DN40	DN50	DN50	DN50	DN65	DN80	DN100	DN100	DN125	DN125	DN150
Pipe connection-DVS																
Oval flange	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIN flange	DN25	DN25	DN25	DN32	DN32	DN40	DN50	DN50	DN65	DN65	DN80	DN100	DN100	DN125	DN125	DN150
Clamp connector	Φ42	Φ42	Φ42	Φ42	Φ42	-	-	-	-	-	-	-	-	-	-	-
Threaded connector	G1 ¼	G1 ¼	G1 ¼	G1 ¼	G1 ¼	-	-	-	-	-	-	-	-	-	-	-

SCOPE OF PERFORMANCE



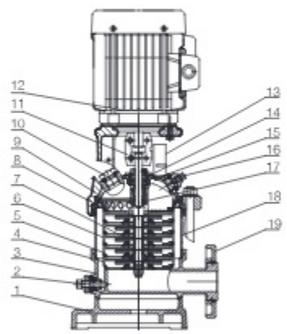
CROSS SECTION

DV1(2.3.4.5)



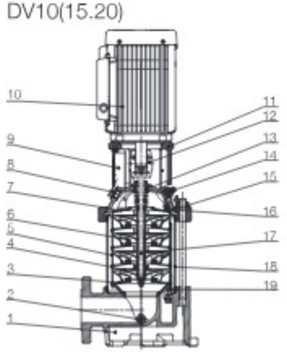
No	Part	Material
1	Base	HT200
2	Discharge bolt assembly	SUS304
3	Primary diffuser	SUS304
4	Diffuser with bearing	SUS304
5	Medium diffuser	SUS304
6	Impeller	SUS304
7	Final volute	SUS304
8	Filling plug	SUS304
9	Motor base	HT200
10	Motor	
11	Half-coupling	Iron-basedpowder metallurgy
12	Guarding plate	SUS304
13	Cartridge seals	
14	Vent plug assembly	SUS304
15	pump bonnet	HT200
16	Pump shaft	SUS304
17	Pump barrel	SUS304

DVS1(2.3.4.5)



No	Part	Material	Optional Material
1	Base plate	HT200	
2	Discharge 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	

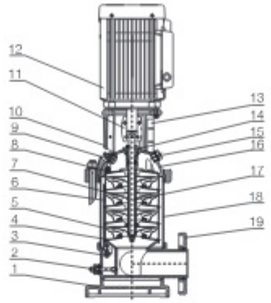
DV10(15.20)



No	Part	Material	Optional Material
1	Base plate	HT200	
2	Drainage plug assembly	SUS304	SUS316
3	Primary diffuser	SUS304	SUS316
4	Diffuser with bearing	SUS304	SUS316
5	Medium diffuser	SUS304	SUS316
6	Impeller	SUS304	SUS316
7	Final volute	SUS304	SUS316
8	Filling plug	SUS304	SUS316
9	Guarding plate	SUS304	
10	Motor		
11	Motor base	HT200	
12	Half-coupling	Iron-based powder metallurgy	
13	Cartridge seal		
14	Vent plug assembly	SUS304	SUS316
15	Pump cover	HT200	
16	Adjusting pad	EPDM	
17	Pump shaft	SUS304	SUS316
18	Pump barrel	SUS304	SUS316
19	Tension plate	SUS304	

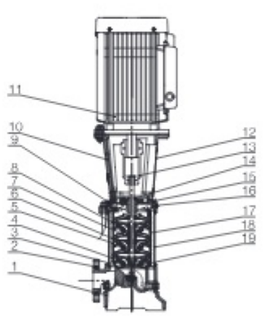
CROSS SECTION

DVS10(15.20)



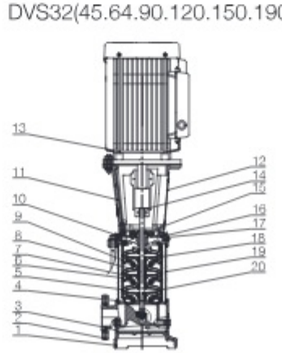
No	Part	Material	Optional Material
1	Base plate	HT200	
2	Discharge plug assembly	AISI304	AISI316
3	Chasis	ZG304	ZG316
4	Primary diffuser	AISI304	AISI316
5	Diffuser with bearing	AISI304	AISI316
6	Medium diffuser	AISI304	AISI316
7	Impeller	AISI304	AISI316
8	Final volute	AISI304	AISI316
9	Motor base	HT200	
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	

DV32(45.64.90.120.150.190)



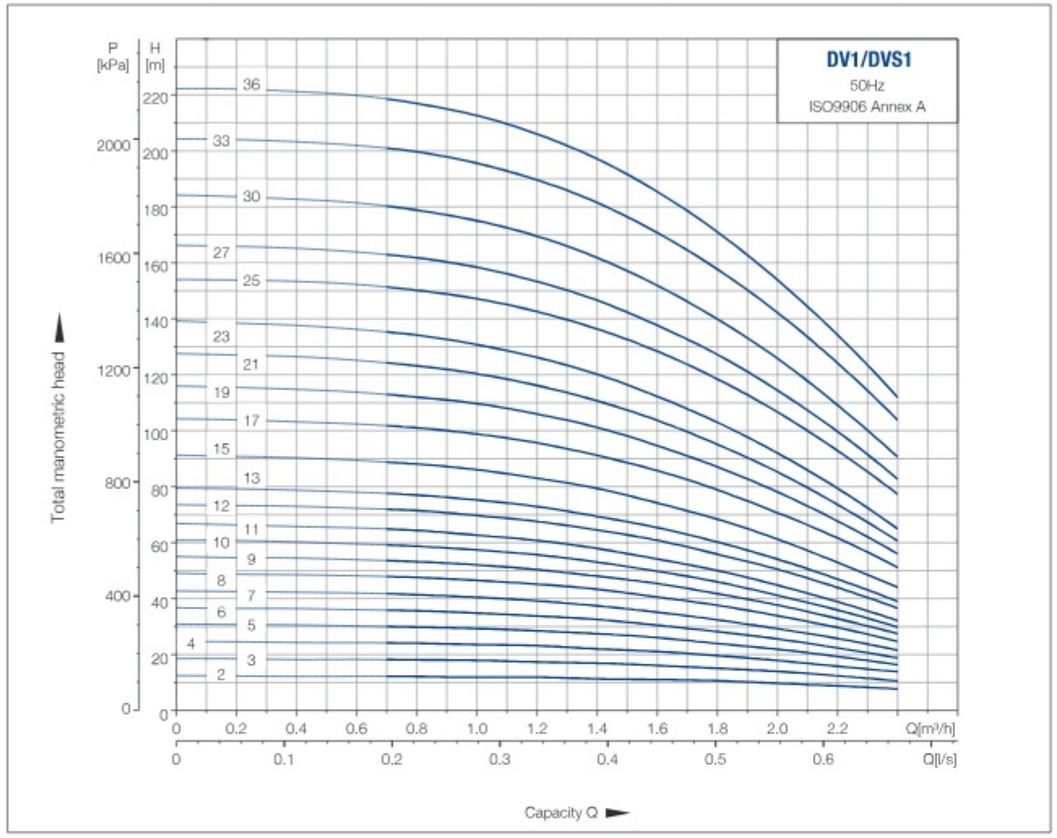
No	Part	Material
1	Base plate	HT200
2	Flange	QT 400
3	Primary diffuser	SUS304
4	Diffuser with bearing	SUS304
5	Medium diffuser	SUS304
6	Impeller	SUS304
7	Shaft sleeve assembly	
8	Final volute	SUS304
9	Vent plug assembly	SUS304
10	Motor base	HT200
11	Motor	
12	Guarding plate	SUS304
13	Half-coupling	QT400
14	Cartridge seal	
15	Pump head	ZG304
16	Filling plug	SUS304
17	Tension plate	SUS304
18	Pump barrel	SUS304
19	Pump shaft	SUS304

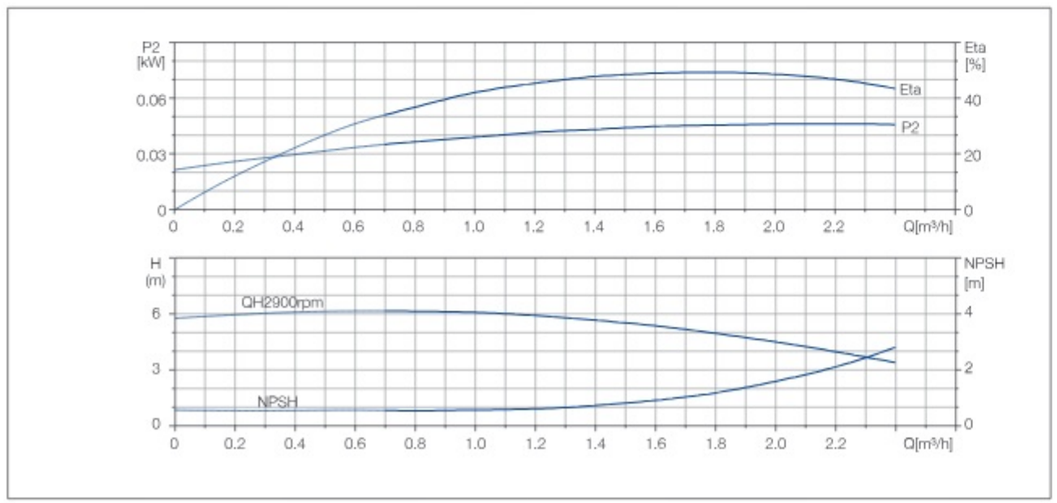
DVS32(45.64.90.120.150.190)



No	Part	Material	Optional Material
1	Base plate	HT200	
2	Flange	QT 400	
3	pump casing	ZG304	ZG316
4	Primary diffuser	SUS304	SUS316
5	Diffuser with bearing	SUS304	SUS316
6	Medium diffuser	SUS304	SUS316
7	Impeller	SUS304	SUS316
8	Shaft sleeve assembly		
9	Final volute	SUS304	SUS316
10	Vent plug assembly	SUS304	SUS316
11	Motor base	HT200	
12	Motor		
13	Guarding plate	SUS304	
14	Half-coupling	QT400	
15	Cartridge seal		
16	Pump head	ZG304	ZG316
17	Filling plug	SUS304	SUS316
18	Tension plate	SUS304	SUS316
19	Pump barrel	SUS304	SUS316
20	Pump shaft	SUS304	SUS316

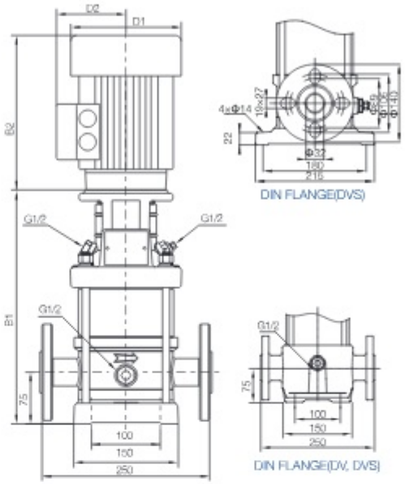
PERFORMANCE CURVES





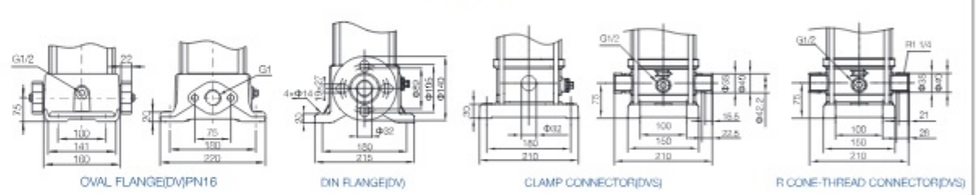
DIMENSION DRAWING

(DIN-ANSI-JIS)PN25/DN25/32



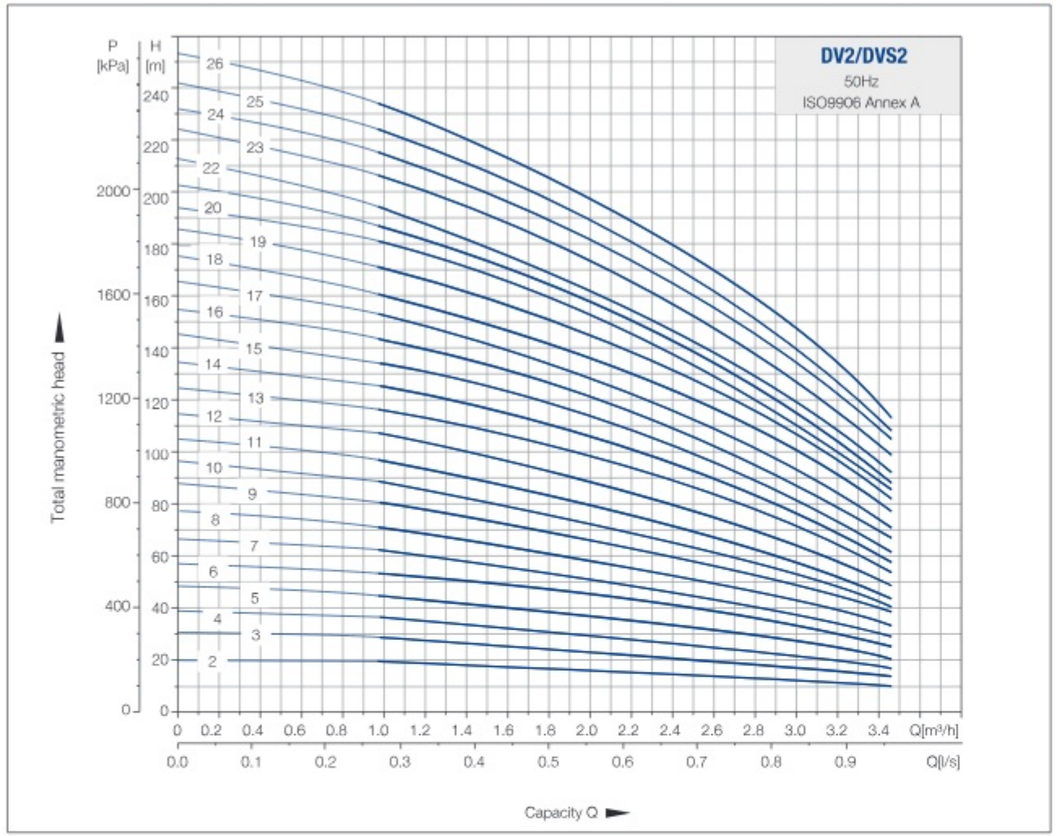
Model	Oval flange(DV)		DIN flange (DVS)		D1	D2
	B1	B1+B2	B1	B1+B2		
DV, DVS1-2	256	486	282	512	132	84
DV, DVS1-3	256	486	282	512	132	84
DV, DVS1-4	274	504	300	530	132	84
DV, DVS1-5	292	522	318	548	132	84
DV, DVS1-6	310	540	336	566	132	84
DV, DVS1-7	328	558	354	584	132	84
DV, DVS1-8	346	576	372	602	132	84
DV, DVS1-9	364	594	390	620	132	84
DV, DVS1-10	382	612	408	638	132	84
DV, DVS1-11	400	630	426	656	132	84
DV, DVS1-12	422	672	448	698	150	95
DV, DVS1-13	440	690	466	716	150	95
DV, DVS1-15	476	726	502	752	150	95
DV, DVS1-17	512	762	538	788	150	95
DV, DVS1-19	548	798	574	824	150	95
DV, DVS1-21	584	834	610	860	150	95
DV, DVS1-23	620	870	646	896	150	95
DV, DVS1-25	672	982	698	1008	168	112
DV, DVS1-27	708	1018	734	1044	168	112
DV, DVS1-30	762	1072	788	1098	168	112
DV, DVS1-33	616	1126	842	1152	168	112
DV, DVS1-36	870	1180	896	1206	168	112

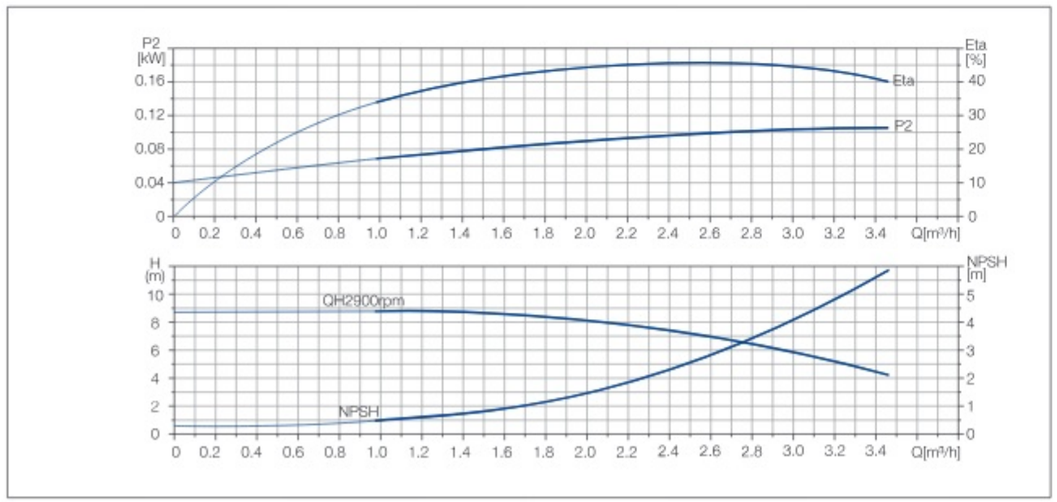
Note: B1 and B1+B2 of clamp connector and threaded connector are in compliance with that of DIN flange.



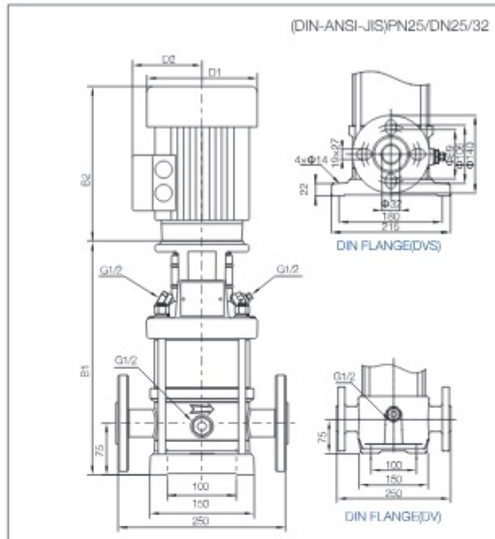
Model	Power (kW)	Q[m³/h]	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
DV, DVS1-2	0.37		12	12	12	12	12	11	11	10	10
DV, DVS1-3	0.37		18	18	18	18	17	17	16	15	14
DV, DVS1-4	0.37		24	24	24	24	22	22	21	19	18
DV, DVS1-5	0.37		30	30	30	29.5	28	27	26	24	22
DV, DVS1-6	0.37		36	36	35	35	34	32	30	28	25
DV, DVS1-7	0.37		42	42	41	40.5	39	37	35	32	30
DV, DVS1-8	0.55		48	48	47	46.5	45	43	40	38	34
DV, DVS1-9	0.55		54	54	53	52	50	48	45	42	37
DV, DVS1-10	0.55		60	59	58	57.5	55	53	50	46	41
DV, DVS1-11	0.55		65	65	64	63	61	58	54	51	45
DV, DVS1-12	0.75		73	72	71	70	67	64	61	56	50
DV, DVS1-13	0.75	H(m)	78	78	77	75	73	69	65	60	54
DV, DVS1-15	0.75		90	90	88	86	83	79	74	68	61
DV, DVS1-17	1.1		103	102	101	98	95	91	85	78	70
DV, DVS1-19	1.1		115	114	112	110	106	101	94	87	78
DV, DVS1-21	1.1		126	125	123	120	116	110	103	95	85
DV, DVS1-23	1.1		137	136	134	130	126	120	112	103	92
DV, DVS1-25	1.5		153	152	150	145	142	136	128	119	106
DV, DVS1-27	1.5		165	164	162	157	153	146	137	128	114
DV, DVS1-30	1.5		182	181	178	173	169	162	152	140	126
DV, DVS1-33	2.2		203	202	199	194	189	181	170	158	142
DV, DVS1-36	2.2		221	220	217	210	206	197	185	170	154

PERFORMANCE CURVES



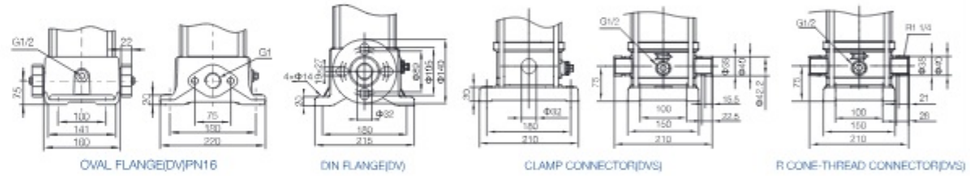


DIMENSION DRAWING



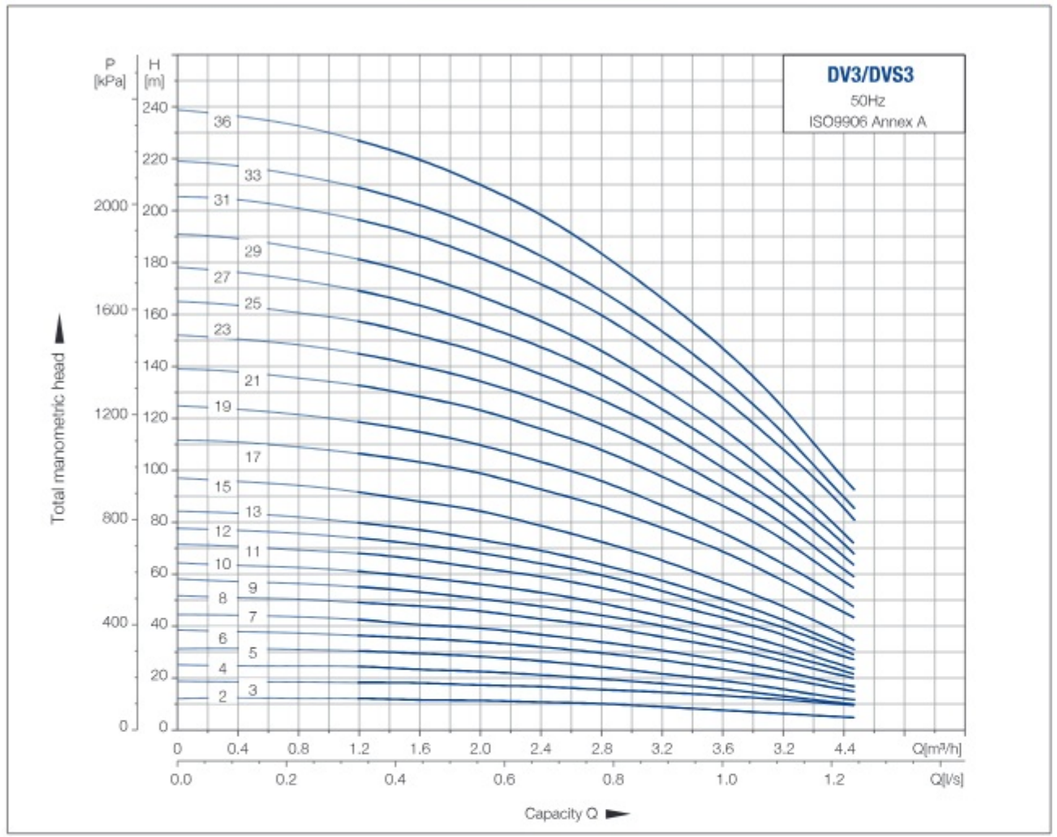
Model	Oval flange(DV)		DIN flange (DVS		D1	D2
	B1	B1+B2	B1	B1+B2		
DV, DVS2-2	256	486	282	512	132	84
DV, DVS2-3	256	486	282	512	132	84
DV, DVS2-4	274	504	300	530	132	84
DV, DVS2-5	292	522	318	548	132	84
DV, DVS2-6	314	564	340	590	150	95
DV, DVS2-7	332	582	358	608	150	95
DV, DVS2-8	350	600	376	626	150	95
DV, DVS2-9	368	618	394	644	150	95
DV, DVS2-10	386	636	412	662	150	95
DV, DVS2-11	404	654	430	680	150	95
DV, DVS2-12	438	748	464	774	168	112
DV, DVS2-13	456	766	482	792	168	112
DV, DVS2-14	474	784	500	810	168	112
DV, DVS2-15	492	802	518	828	168	112
DV, DVS2-16	510	820	536	846	168	112
DV, DVS2-17	528	838	554	864	168	112
DV, DVS2-18	546	856	572	882	168	112
DV, DVS2-19	564	874	590	900	168	112
DV, DVS2-20	582	892	608	918	168	112
DV, DVS2-21	600	910	626	936	168	112
DV, DVS2-22	618	928	644	954	168	112
DV, DVS2-23	640	970	666	996	194	124
DV, DVS2-24	658	988	684	1014	194	124
DV, DVS2-25	676	1006	702	1032	194	124
DV, DVS2-26	694	1024	720	1050	194	124

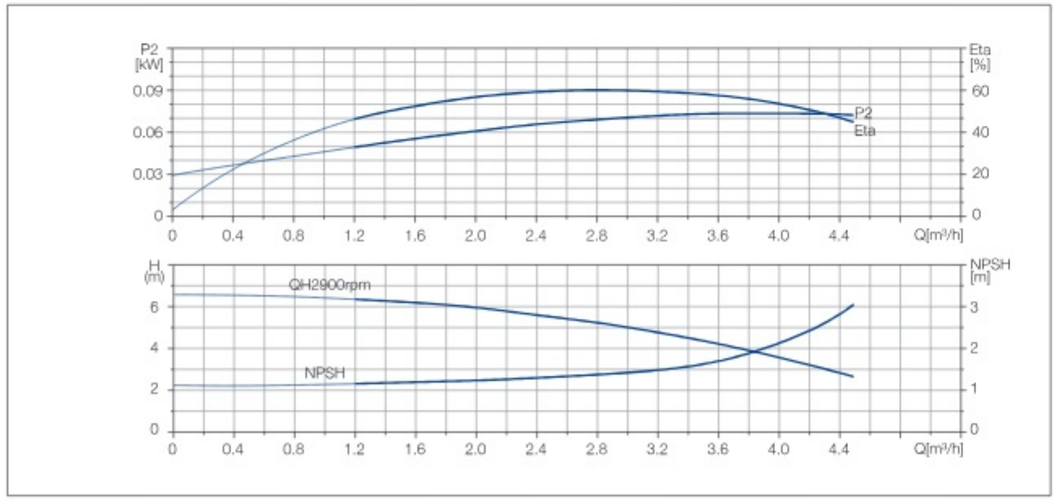
Note: B1 and B1+B2 of clamp connector and threaded connector are in compliance with that of DIN flange.



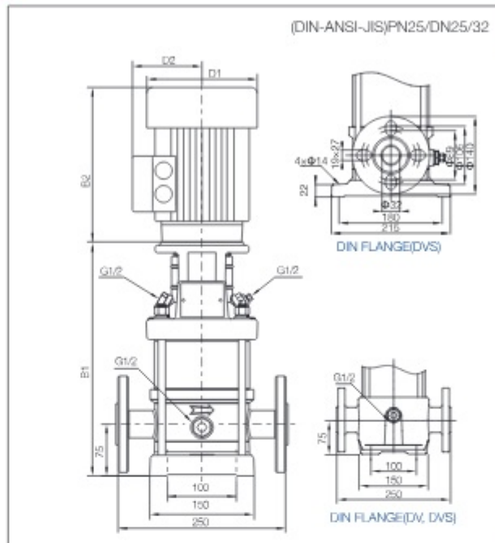
Model	Power (kW)	Q[m³/h]	1.0	1.2	1.6	2.0	2.5	2.8	3.2	3.5
DV, DVS2-2	0.37		18	17	16	15.5	13.5	12	10	8
DV, DVS2-3	0.37		27	26	24	22.5	19.5	18	15	12
DV, DVS2-4	0.55		36	35	33	30.5	27	24	17	16
DV, DVS2-5	0.55		45	43	40	37	32.5	30	24	20
DV, DVS2-6	0.75		53	52	50	45.5	40	36	30	24
DV, DVS2-7	0.75		63	61	57	52	45.5	41	35	28
DV, DVS2-8	1.1		71	69	65	59	51	47	40	33
DV, DVS2-9	1.1		80	78	73	68.5	60	54	45	37
DV, DVS2-10	1.1		89	86	81	74	65	59	49	40
DV, DVS2-11	1.1		98	95	89	82	71.5	64	54	44
DV, DVS2-12	1.5		107	103	97	90	78	71	59	47
DV, DVS2-13	1.5		116	114	106	98	86.5	78	65	52
DV, DVS2-14	1.5	H(m)	125	122	114	105	92	84	69	57
DV, DVS2-15	1.5		134	130	123	112	98	90	73	60
DV, DVS2-16	2.2		143	139	131	120	104	96	79	66
DV, DVS2-17	2.2		152	148	139	128	111	102	85	70
DV, DVS2-18	2.2		161	157	148	136	122	108	91	76
DV, DVS2-19	2.2		170	165	156	143	128	113	95	81
DV, DVS2-20	2.2		179	174	164	150	134	119	100	85
DV, DVS2-21	2.2		188	183	172	157	140	124	105	88
DV, DVS2-22	2.2		197	192	180	165	145	130	110	90
DV, DVS2-23	3.0		205	201	188	173	153	137	105	97
DV, DVS2-24	3.0		214	210	197	181	160	144	120	105
DV, DVS2-25	3.0		223	219	205	189	168	151	125	107
DV, DVS2-26	3.0		232	228	214	198	176	158	130	110

PERFORMANCE CURVES



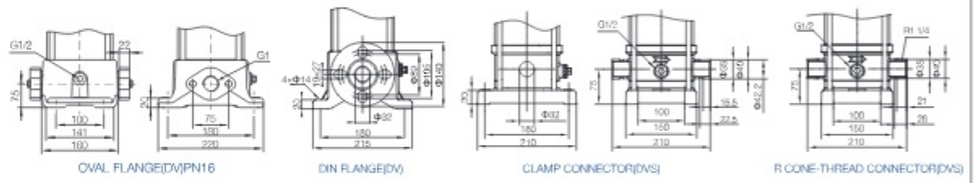


DIMENSION DRAWING



Model	Oval flange(DV)		DIN flange (DVS)		D1	D2
	B1	B1+B2	B1	B1+B2		
DV, DVS3-2	256	486	282	512	132	84
DV, DVS3-3	256	486	282	512	132	84
DV, DVS3-4	274	504	300	530	132	84
DV, DVS3-5	292	522	318	548	132	84
DV, DVS3-6	310	540	336	566	132	84
DV, DVS3-7	328	558	354	584	132	84
DV, DVS3-8	350	600	376	626	150	95
DV, DVS3-9	368	618	394	644	150	95
DV, DVS3-10	386	636	412	662	150	95
DV, DVS3-11	404	654	430	680	150	95
DV, DVS3-12	422	672	448	698	150	95
DV, DVS3-13	440	690	466	716	150	95
DV, DVS3-15	476	726	502	752	150	95
DV, DVS3-17	528	838	554	864	168	112
DV, DVS3-19	564	874	590	900	168	112
DV, DVS3-21	600	910	626	936	168	112
DV, DVS3-23	636	946	662	972	168	112
DV, DVS3-25	672	982	698	1008	168	112
DV, DVS3-27	708	1018	734	1044	168	112
DV, DVS3-29	744	1054	770	1080	168	112
DV, DVS3-31	784	1114	810	1140	194	124
DV, DVS3-33	820	1150	846	1176	194	124
DV, DVS3-36	874	1204	900	1230	194	124

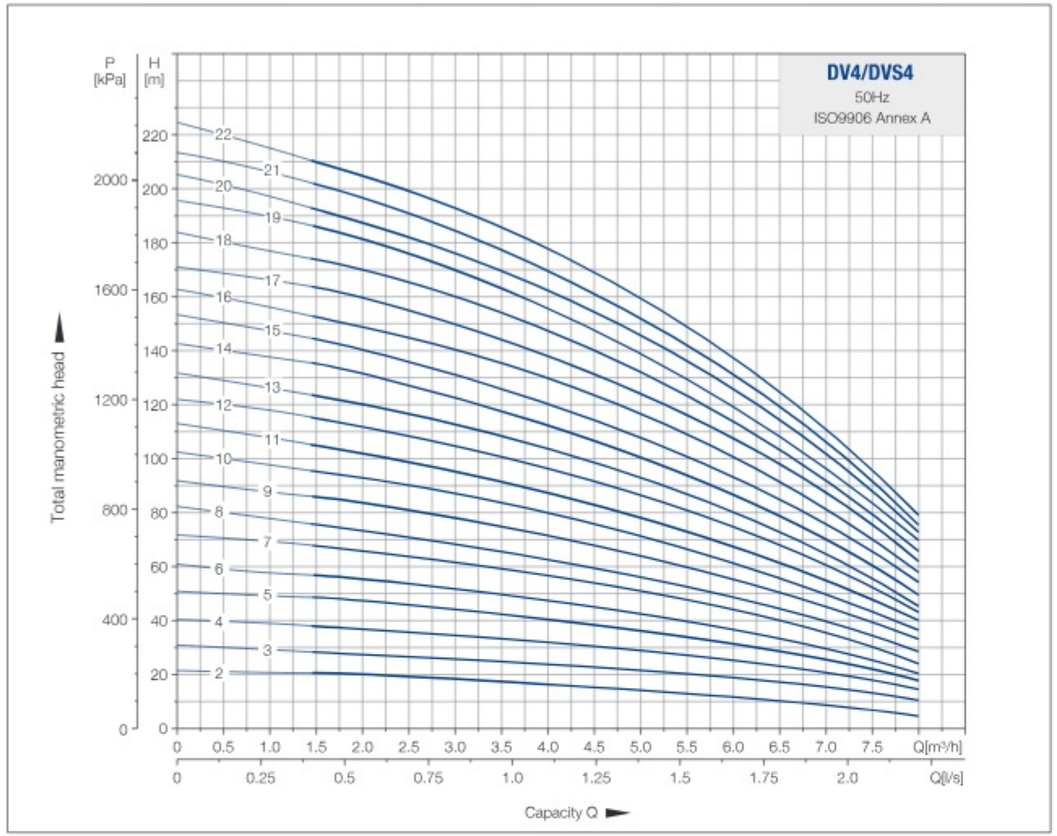
Note: B1 and B1+B2 of clamp connector and threaded connector are in compliance with that of DIN flange.

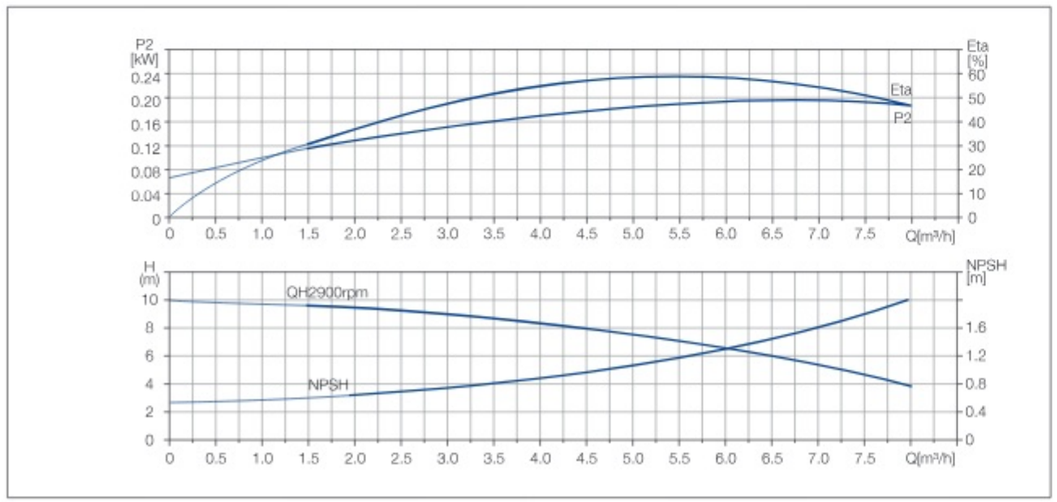


Model	Power (kW)	Q[m³/h]	1.2	1.6	2.0	2.4	2.8	3.0	3.6	4.0
DV, DVS3-2	0.37		13	12	12	11	11	10	8	7.5
DV, DVS3-3	0.37		19	19	18	17	16	15	14	12
DV, DVS3-4	0.37		25	24	23	22	20	19	17	14
DV, DVS3-5	0.37		31	31	29	27	25	24	20	17
DV, DVS3-6	0.55		37	36	35	33	30	28	24	21
DV, DVS3-7	0.55		43	40	40	37	35	32	28	24
DV, DVS3-8	0.75		51	48	47	44	41	38	33	28
DV, DVS3-9	0.75		56	54	51	48	45	42	36	30
DV, DVS3-10	0.75		62	60	57	54	50	46	40	33
DV, DVS3-11	1.1		69	66	63	60	56	51	44	38
DV, DVS3-12	1.1		75	72	69	65	61	56	48	41
DV, DVS3-13	1.1	H(m)	80	78	74	70	65	60	51	44
DV, DVS3-15	1.1		92	89	85	80	73	68	58	49
DV, DVS3-17	1.5		107	104	100	94	87	78	70	59
DV, DVS3-19	1.5		119	116	111	104	97	87	77	65
DV, DVS3-21	2.2		133	129	124	117	109	97	88	75
DV, DVS3-23	2.2		146	141	135	128	119	105	95	81
DV, DVS3-25	2.2		158	153	146	138	128	115	102	87
DV, DVS3-27	2.2		170	164	157	148	138	124	110	93
DV, DVS3-29	2.2		182	176	168	159	147	133	118	100
DV, DVS3-31	3.0		197	191	183	173	161	142	128	110
DV, DVS3-33	3.0		210	203	194	194	170	152	137	116
DV, DVS3-36	3.0		228	221	211	200	185	165	149	126

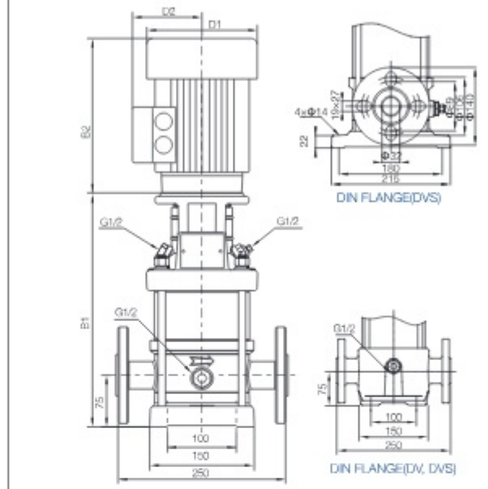
DV/DVSL Series

PERFORMANCE CURVES



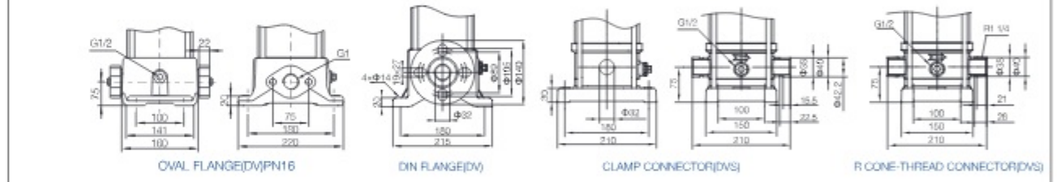


DIMENSION DRAWING



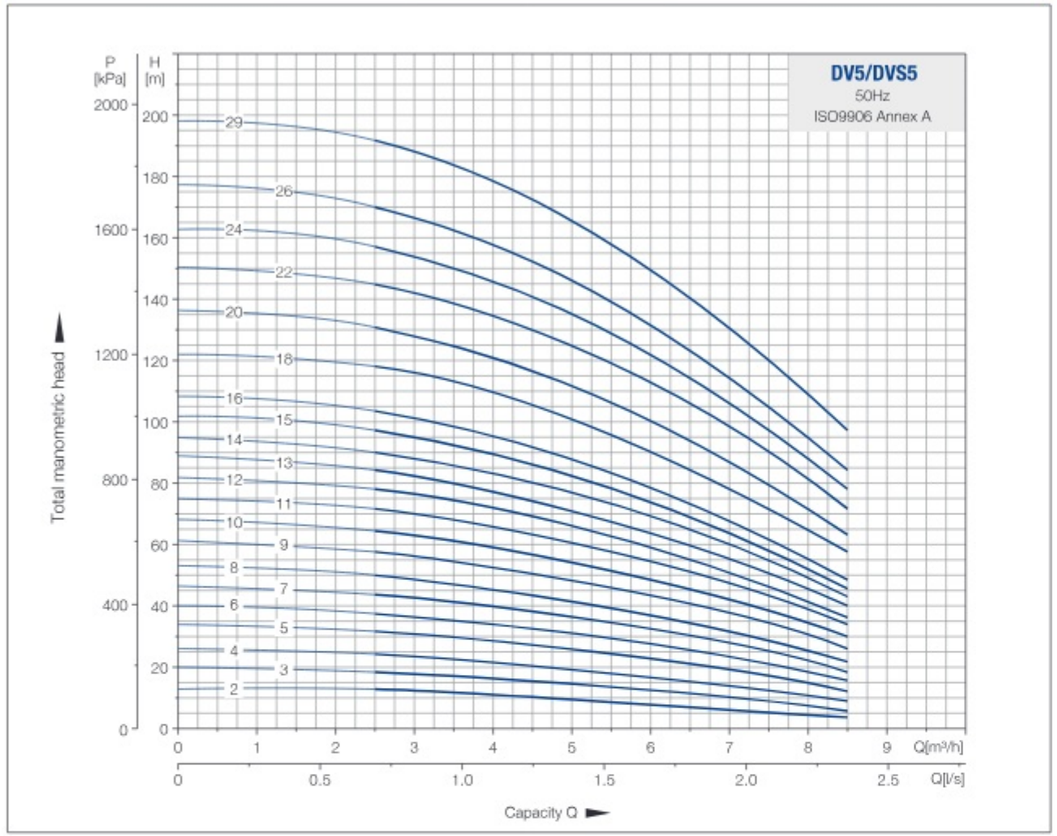
Model	Oval flange(DV)		DIN flange (DVS)		D1	D2
	B1	B1+B2	B1	B1+B2		
DV, DVS4-2	256	486	282	512	132	84
DV, DVS4-3	283	513	309	539	132	84
DV, DVS4-4	314	564	340	590	150	95
DV, DVS4-5	341	591	367	617	150	95
DV, DVS4-6	368	618	394	644	150	95
DV, DVS4-7	411	721	437	747	168	112
DV, DVS4-8	438	748	464	774	168	112
DV, DVS4-9	465	775	491	801	168	112
DV, DVS4-10	492	802	518	828	168	112
DV, DVS4-11	519	823	545	855	168	112
DV, DVS4-12	546	856	572	882	168	112
DV, DVS4-13	577	907	603	933	194	124
DV, DVS4-14	604	934	630	960	194	124
DV, DVS4-15	631	961	657	987	194	124
DV, DVS4-16	658	988	684	1014	194	124
DV, DVS4-17	685	1042	711	1068	212	142
DV, DVS4-18	712	1069	738	1095	212	142
DV, DVS4-19	739	1096	765	1122	212	142
DV, DVS4-20	766	1123	792	1149	212	142
DV, DVS4-21	793	1150	819	1176	212	142
DV, DVS4-22	820	1177	846	1203	212	142

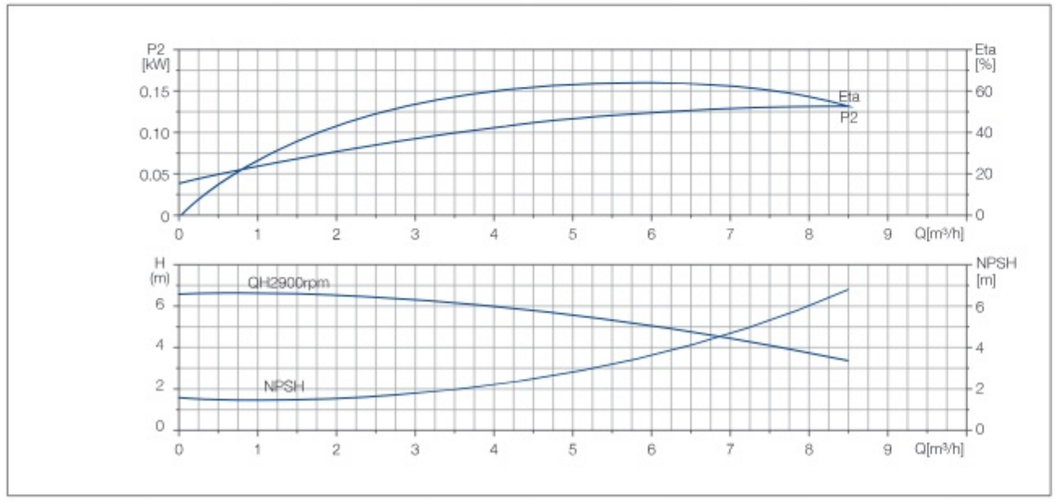
Note: B1 and B1+B2 of clamp connector and threaded connector are in compliance with that of DIN flange.



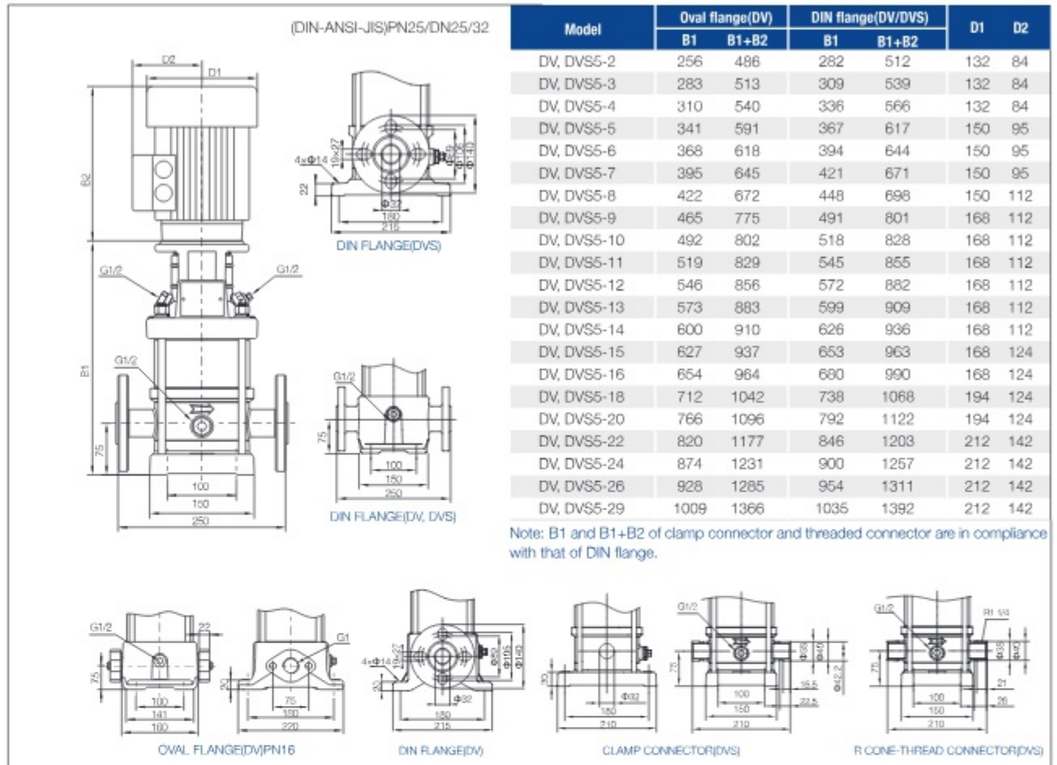
Model	Power (kW)	Q[m³/h]	1.5	2.0	3.0	4.0	5.0	6.0	7.0	8.0
DV, DVS4-2	0.37		19	18	17	14.5	13	10.5	8	6
DV, DVS4-3	0.55		28	27	26	23.5	20	18	14	10
DV, DVS4-4	0.75		38	36	34	31.5	27	24.5	18	13
DV, DVS4-5	1.1		47	45	43	40.5	34	31.5	23	17
DV, DVS4-6	1.1		56	54	52	47.5	41	36	28	20
DV, DVS4-7	1.5		66	63	61	57	48	44.5	34	24
DV, DVS4-8	1.5		74	72	70	64	55	49.5	38	27
DV, DVS4-9	2.2		86	81	78	72	63	56	44	32
DV, DVS4-10	2.2		96	90	87	81	71	64	50	34
DV, DVS4-11	2.2		105	99	95	88	78	69	53	39
DV, DVS4-12	2.2	H(m)	114	108	104	96	85	75	57	41
DV, DVS4-13	3.0		123	117	113	103	93	83	63	45
DV, DVS4-14	3.0		136	126	122	114	101	90	69	48
DV, DVS4-15	3.0		142	135	131	120	108	96	73	52
DV, DVS4-16	3.0		152	144	140	129	115	102	78	55
DV, DVS4-17	4.0		163	153	149	137	122	108	83	62
DV, DVS4-18	4.0		175	162	158	145	129	115	89	65
DV, DVS4-19	4.0		183	171	168	155	137	123	95	67
DV, DVS4-20	4.0		192	180	176	161	144	128	99	72
DV, DVS4-21	4.0		203	210	184	169	152	134	103	75
DV, DVS4-22	4.0		211	200	192	177	160	139	108	79

PERFORMANCE CURVES





DIMENSION DRAWING

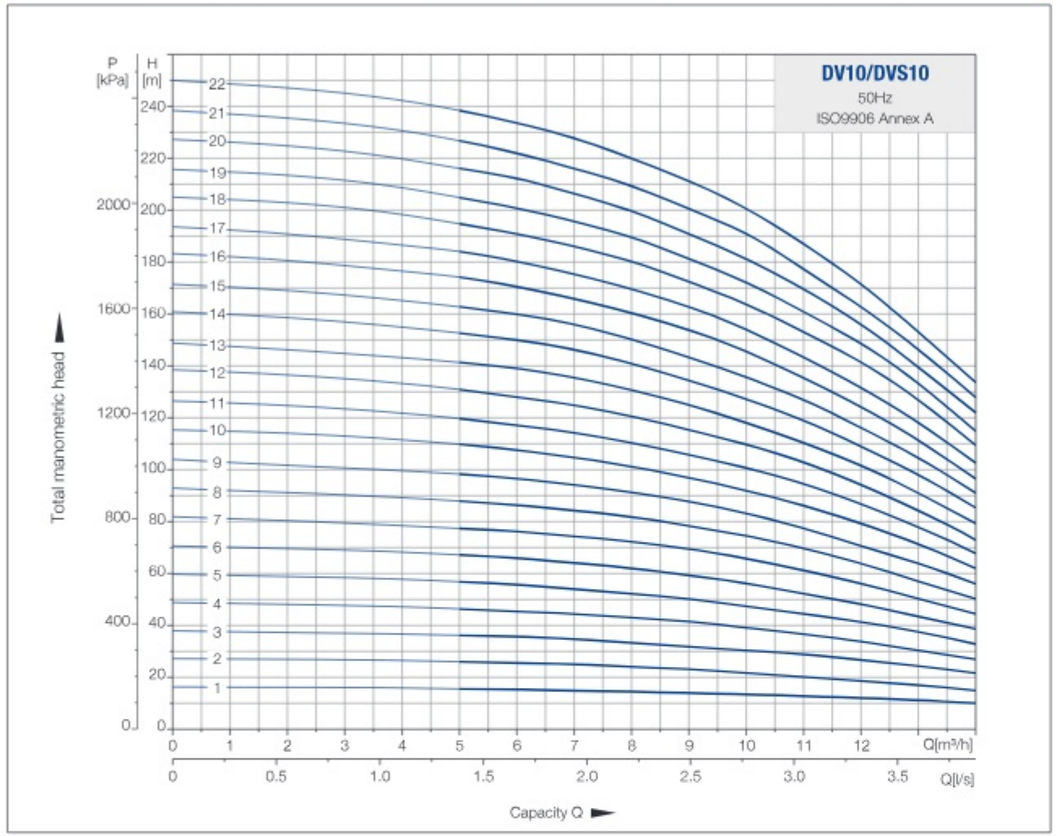


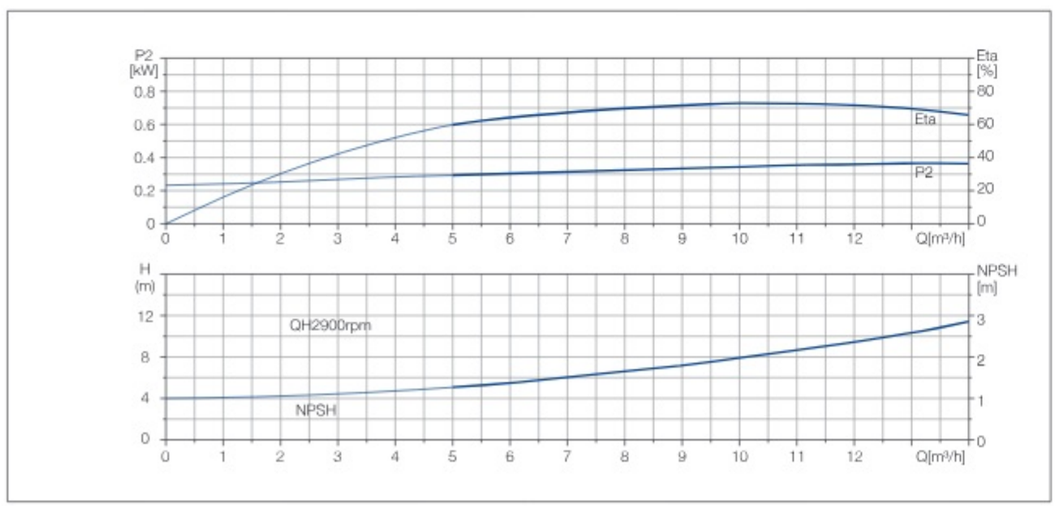
Model	Oval flange(DV)		DIN flange(DV/DVS)		D1	D2
	B1	B1+B2	B1	B1+B2		
DV, DVS5-2	256	486	282	512	132	84
DV, DVS5-3	283	513	309	539	132	84
DV, DVS5-4	310	540	336	566	132	84
DV, DVS5-5	341	591	367	617	150	95
DV, DVS5-6	368	618	394	644	150	95
DV, DVS5-7	395	645	421	671	150	95
DV, DVS5-8	422	672	448	698	150	112
DV, DVS5-9	465	775	491	801	168	112
DV, DVS5-10	492	802	518	828	168	112
DV, DVS5-11	519	829	545	855	168	112
DV, DVS5-12	546	856	572	882	168	112
DV, DVS5-13	573	883	599	909	168	112
DV, DVS5-14	600	910	626	936	168	112
DV, DVS5-15	627	937	653	963	168	124
DV, DVS5-16	654	964	680	990	168	124
DV, DVS5-18	712	1042	738	1068	194	124
DV, DVS5-20	766	1096	792	1122	194	124
DV, DVS5-22	820	1177	846	1203	212	142
DV, DVS5-24	874	1231	900	1257	212	142
DV, DVS5-26	928	1285	954	1311	212	142
DV, DVS5-29	1009	1366	1035	1392	212	142

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

Model	Power (kW)	Q[m³/h]	1	2	3	4	5	6	7
DV, DVS5-2	0.37		13	12	12	10	9	7	6
DV, DVS5-3	0.55		19	19	18	16	15	12	10
DV, DVS5-4	0.55		26	25	24	22	19	16	14
DV, DVS5-5	0.75		33	32	30	28	24	22	18
DV, DVS5-6	1.1		40	38	37	34	28	27	23
DV, DVS5-7	1.1		46	45	42	40	32	32	27
DV, DVS5-8	1.1		53	51	48	45	40	36	31
DV, DVS5-9	1.5		60	59	56	53	47	44	37
DV, DVS5-10	1.5		67	65	62	59	53	48	41
DV, DVS5-11	2.2		74	73	70	66	59	54	47
DV, DVS5-12	2.2	H(m)	81	79	76	72	63	59	51
DV, DVS5-13	2.2		88	85	82	78	68	64	55
DV, DVS5-14	2.2		95	92	89	83	74	69	60
DV, DVS5-15	2.2		101	99	95	89	79	74	63
DV, DVS5-16	2.2		108	105	101	95	85	78	68
DV, DVS5-18	3.0		122	119	115	109	98	90	78
DV, DVS5-20	3.0		135	132	127	120	108	100	87
DV, DVS5-22	4.0		150	147	142	134	120	112	97
DV, DVS5-24	4.0		163	160	154	146	132	122	106
DV, DVS5-26	4.0		176	173	166	157	145	132	115
DV, DVS5-29	4.0		198	194	188	178	155	149	131

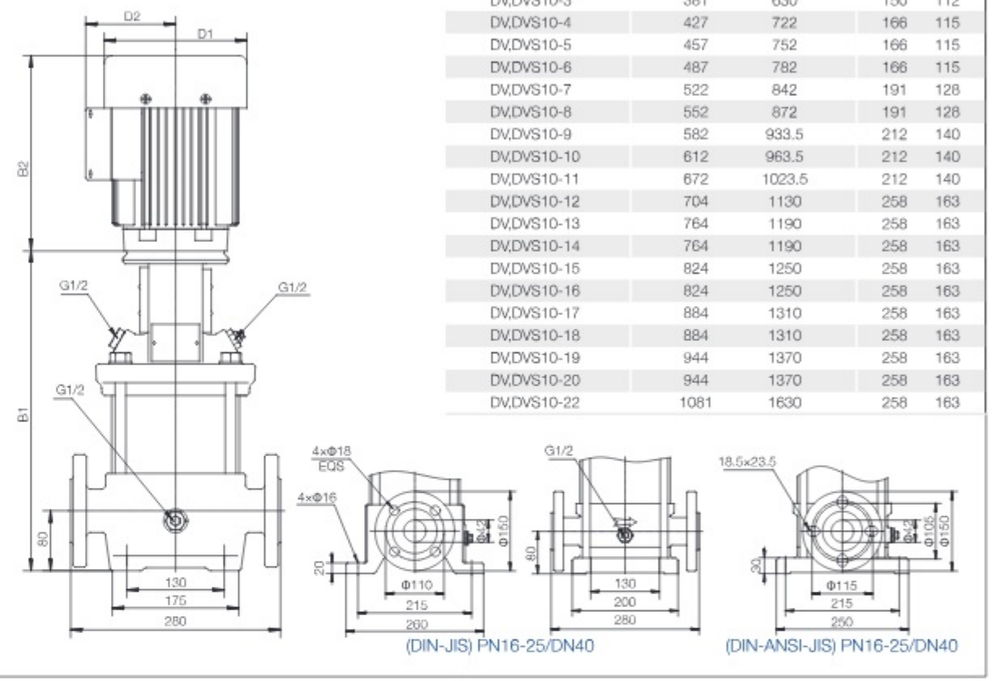
PERFORMANCE CURVES





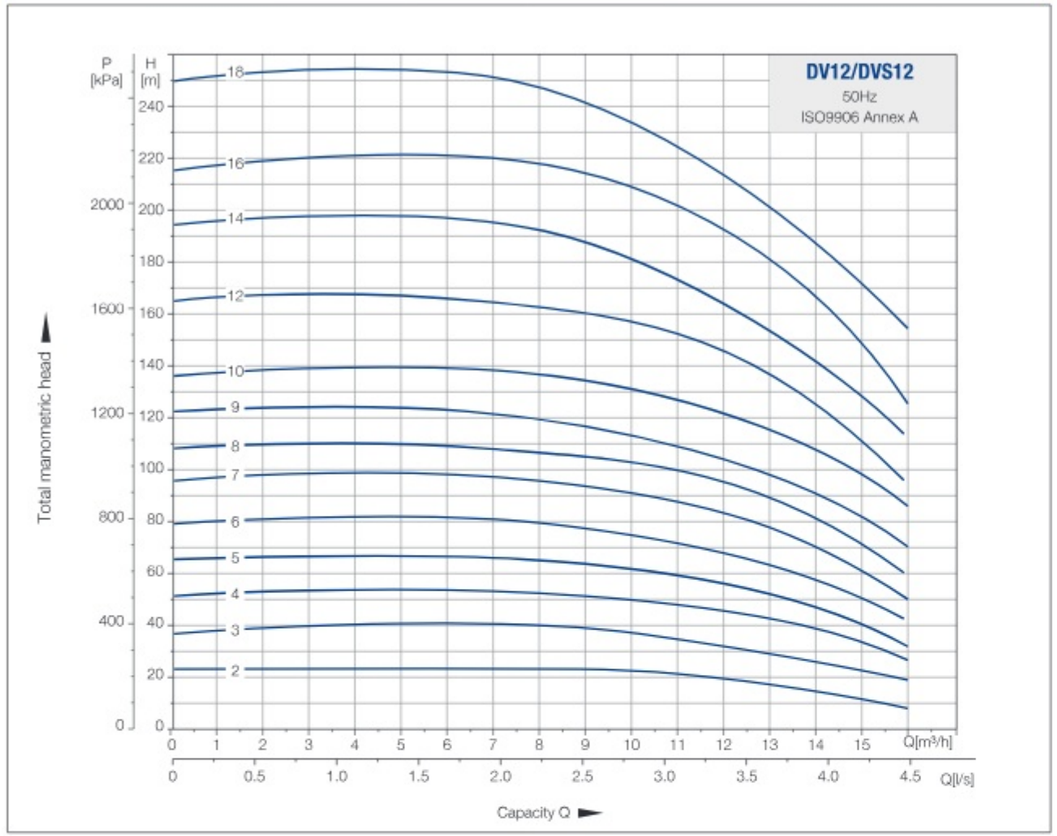
DIMENSION DRAWING

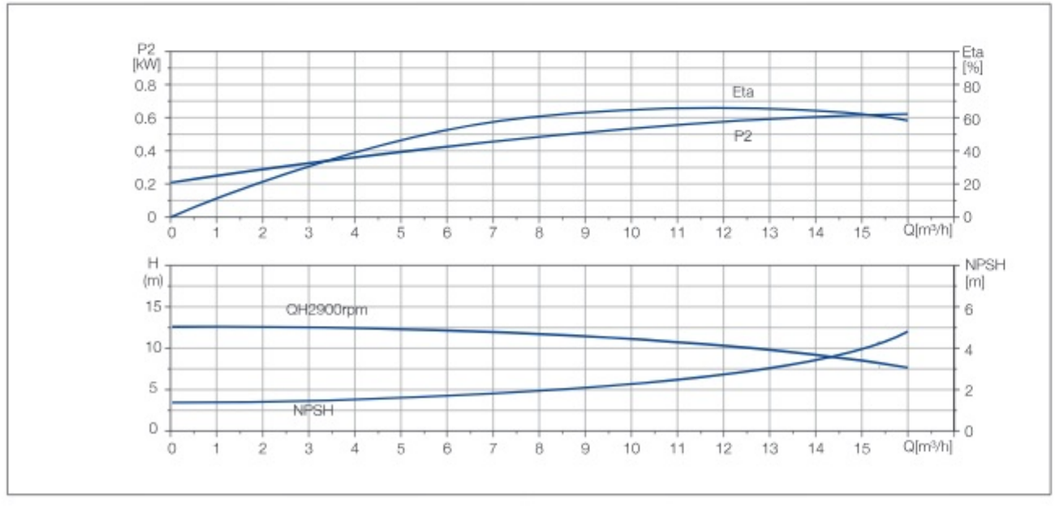
Model	DIN flange(DV/DVS)		D1	D2
	B1	B1+B2		
DV,DVS10-1	348	562.5	135	86
DV,DVS10-2	351	600	150	95
DV,DVS10-3	381	630	150	112
DV,DVS10-4	427	722	166	115
DV,DVS10-5	457	752	166	115
DV,DVS10-6	487	782	166	115
DV,DVS10-7	522	842	191	128
DV,DVS10-8	552	872	191	128
DV,DVS10-9	582	933.5	212	140
DV,DVS10-10	612	963.5	212	140
DV,DVS10-11	672	1023.5	212	140
DV,DVS10-12	704	1130	258	163
DV,DVS10-13	764	1190	258	163
DV,DVS10-14	764	1190	258	163
DV,DVS10-15	824	1250	258	163
DV,DVS10-16	824	1250	258	163
DV,DVS10-17	884	1310	258	163
DV,DVS10-18	884	1310	258	163
DV,DVS10-19	944	1370	258	163
DV,DVS10-20	944	1370	258	163
DV,DVS10-22	1081	1630	258	163



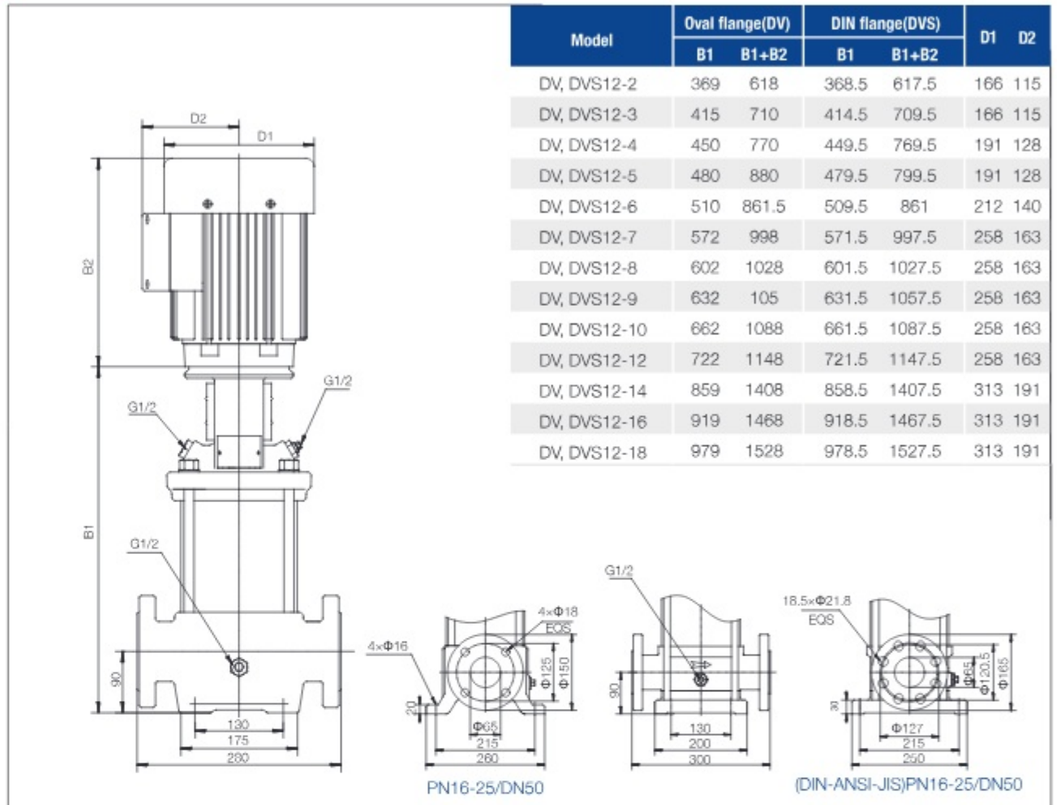
Model	Power (kW)	Q[m³/h]	0	4	6	8	10	12	14
DV,DVS10-1	0.55		11	10.5	10	9	8	7	4
DV,DVS10-2	0.75		22	21.3	20.5	19	16.5	13	9.5
DV,DVS10-3	1.1		33	32	30.5	28.5	25.5	20	16
DV,DVS10-4	1.5		44.5	42	40	38	34	27	22
DV,DVS10-5	2.2		56	53	51	48	42	35	28
DV,DVS10-6	2.2		67	64	62	58	51	42	34
DV,DVS10-7	3		78.5	75	72	69	60	50	40
DV,DVS10-8	3		90	87	83	79	69	59	46
DV,DVS10-9	4		101	97	93	88.5	78	67	52
DV,DVS10-10	4		113	108	104	98	87	75	58
DV,DVS10-11	4	H(m)	124	119	114	108	96	82	64
DV,DVS10-12	5.5		134	131	125	118	105	90	70
DV,DVS10-13	5.5		146	142	137	129	114	97	76
DV,DVS10-14	5.5		158	154	148	139	123	105	82
DV,DVS10-15	5.5		170	165	160	149	132	112	88
DV,DVS10-16	7.5		181	175	170	159	141	120	94
DV,DVS10-17	7.5		193	187	180	169	150	128	100
DV,DVS10-18	7.5		205	197	190	180	159	137	107
DV,DVS10-19	7.5		217	208	200	190	169	146	113
DV,DVS10-20	7.5		228	220	212	200	180	154	120
DV,DVS10-22	11		251	243	235	220	197	170	130

PERFORMANCE CURVES





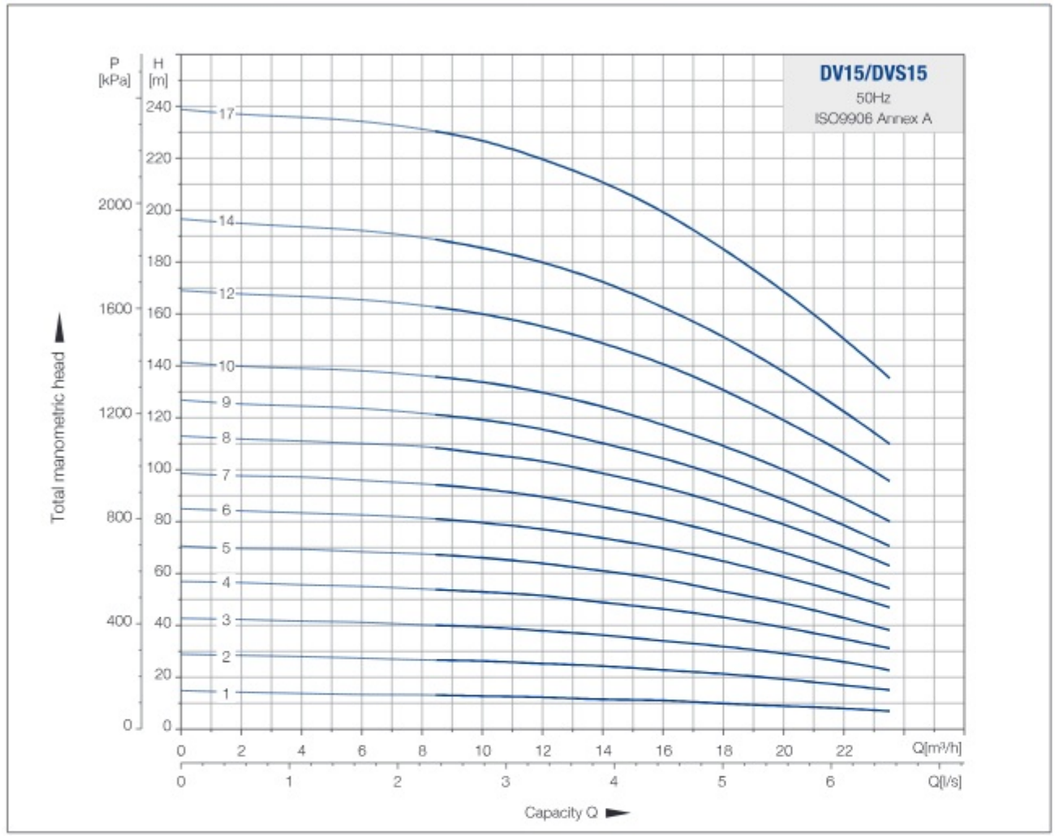
DIMENSION DRAWING

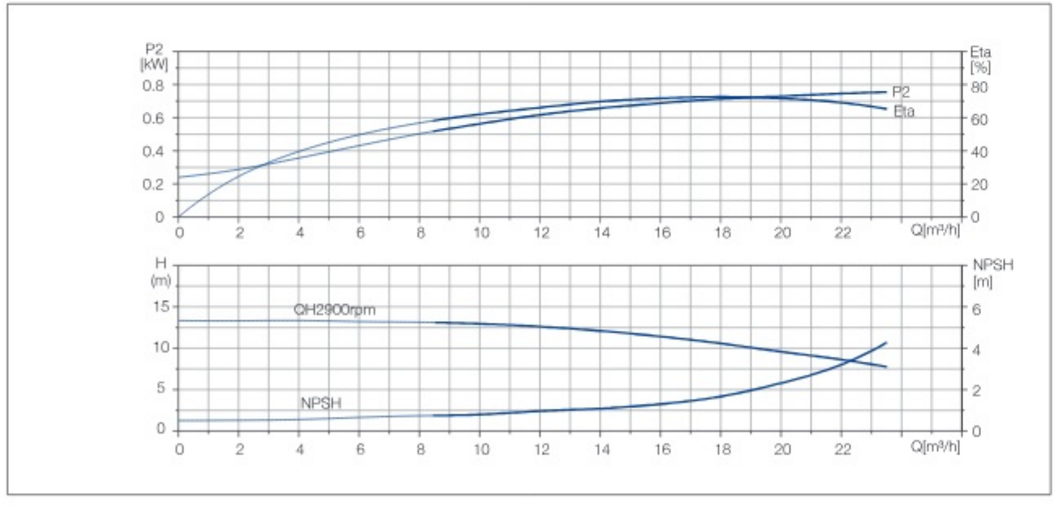


Model	Oval flange(DV)		DIN flange(DVS)		D1	D2
	B1	B1+B2	B1	B1+B2		
DV, DVS12-2	369	618	368.5	617.5	166	115
DV, DVS12-3	415	710	414.5	709.5	166	115
DV, DVS12-4	450	770	449.5	769.5	191	128
DV, DVS12-5	480	880	479.5	799.5	191	128
DV, DVS12-6	510	861.5	509.5	861	212	140
DV, DVS12-7	572	998	571.5	997.5	258	163
DV, DVS12-8	602	1028	601.5	1027.5	258	163
DV, DVS12-9	632	105	631.5	1057.5	258	163
DV, DVS12-10	662	1088	661.5	1087.5	258	163
DV, DVS12-12	722	1148	721.5	1147.5	258	163
DV, DVS12-14	859	1408	858.5	1407.5	313	191
DV, DVS12-16	919	1468	918.5	1467.5	313	191
DV, DVS12-18	979	1528	978.5	1527.5	313	191

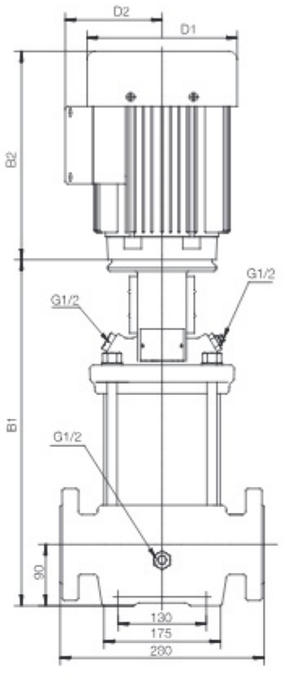
Model	Power (kW)	Q[m³/h]	4	6	8	10	12	14	16
DV, DVS12-2	1.5	H(m)	26	25.5	25	24.5	24	16.5	10
DV, DVS12-3	2.2		40	39.5	39	37.5	36	28	20
DV, DVS12-4	3.0		54	53.5	52.5	50	47	38	27
DV, DVS12-5	3.0		68	67	65	62	58	46	35
DV, DVS12-6	4.0		81	80	78	72	68	55	40
DV, DVS12-7	5.5		96	95	93	86	80	67	58
DV, DVS12-8	5.5		109	107	105	98	91	77	62
DV, DVS12-9	5.5		120	118	115	108	104	84	76
DV, DVS12-10	7.5		136	135	132	128	115	93	85
DV, DVS12-12	7.5		165	164	157	148	138	122	97
DV, DVS12-14	11.0		194	192	185	178	160	142	115
DV, DVS12-16	11.0		221	219	210	202	182	165	130
DV, DVS12-18	11.0		250	246	240	225	204	170	140

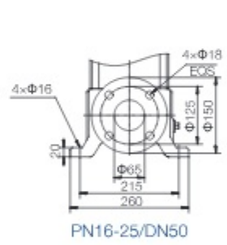
PERFORMANCE CURVES



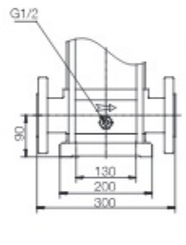


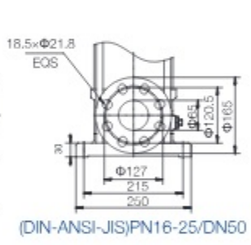
DIMENSION DRAWING





PN16-25/DN50



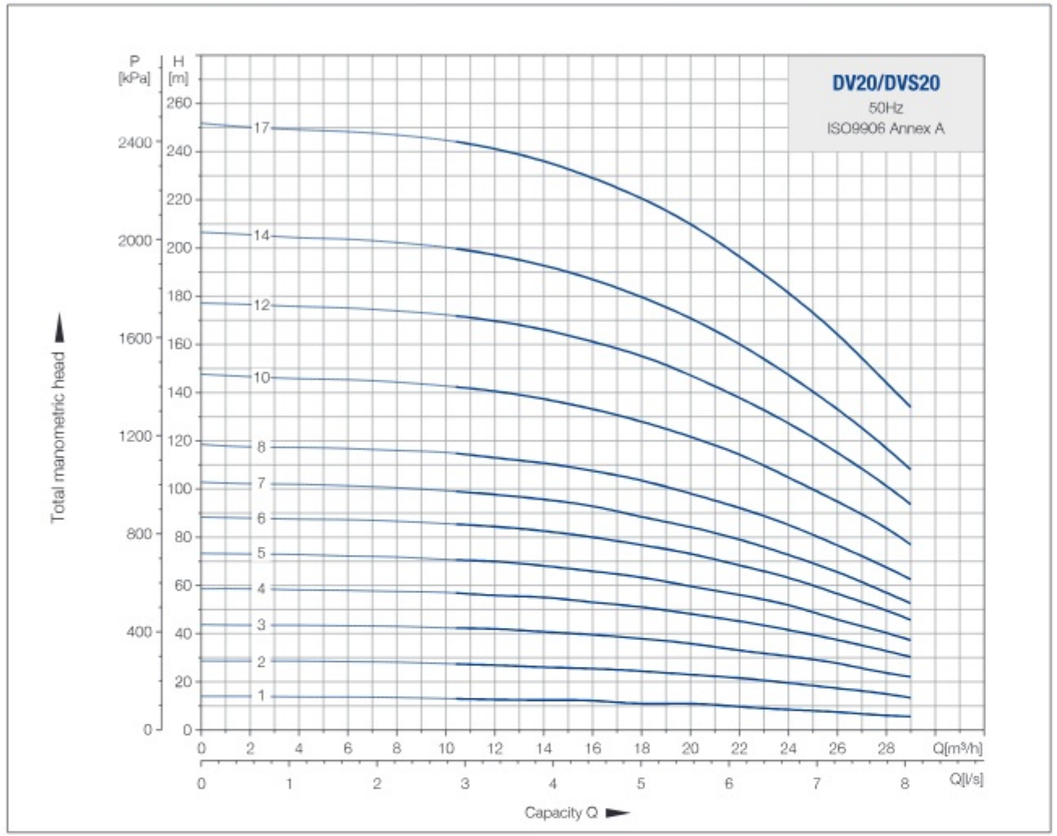


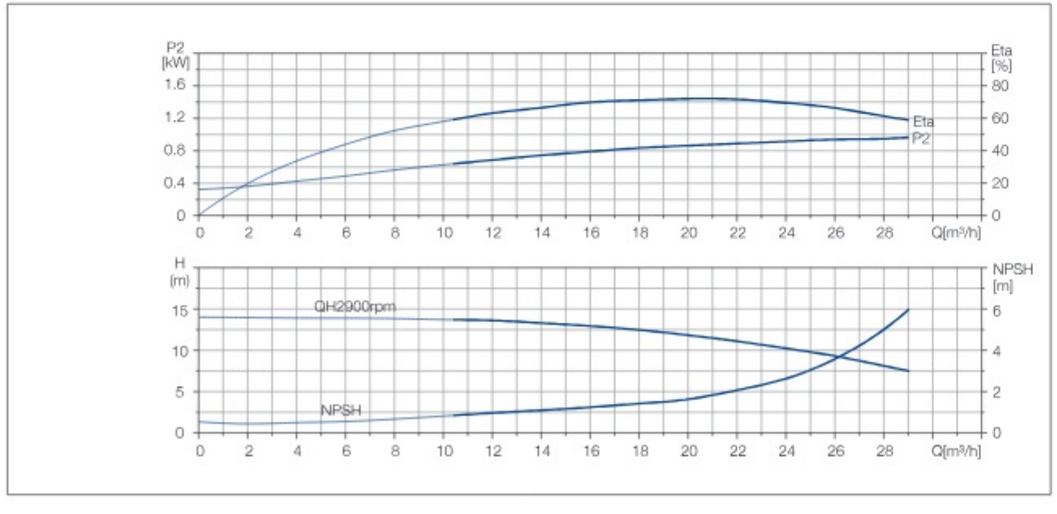
(DIN-ANSI-JIS)PN16-25/DN50

Model	Oval flange(DV)		DIN flange(DVS)		D1	D2
	B1	B1+B2	B1	B1+B2		
DV, DVS15-1	354	604	352	602	150	95
DV, DVS15-2	415	725	413	723	168	112
DV, DVS15-3	465	795	463	793	194	124
DV, DVS15-4	510	867	508	865	212	142
DV, DVS15-5	555	912	553	910	212	142
DV, DVS15-6	632	1030	630	1028	259	164
DV, DVS15-7	677	1075	675	1073	259	164
DV, DVS15-8	722	1120	720	1118	259	164
DV, DVS15-9	767	1165	765	1163	259	164
DV, DVS15-10	889	1394	887	1392	330	255
DV, DVS15-12	979	1484	977	1482	330	255
DV, DVS15-14	1069	1574	1067	1572	330	255
DV, DVS15-17	1204	1709	1202	1707	330	255

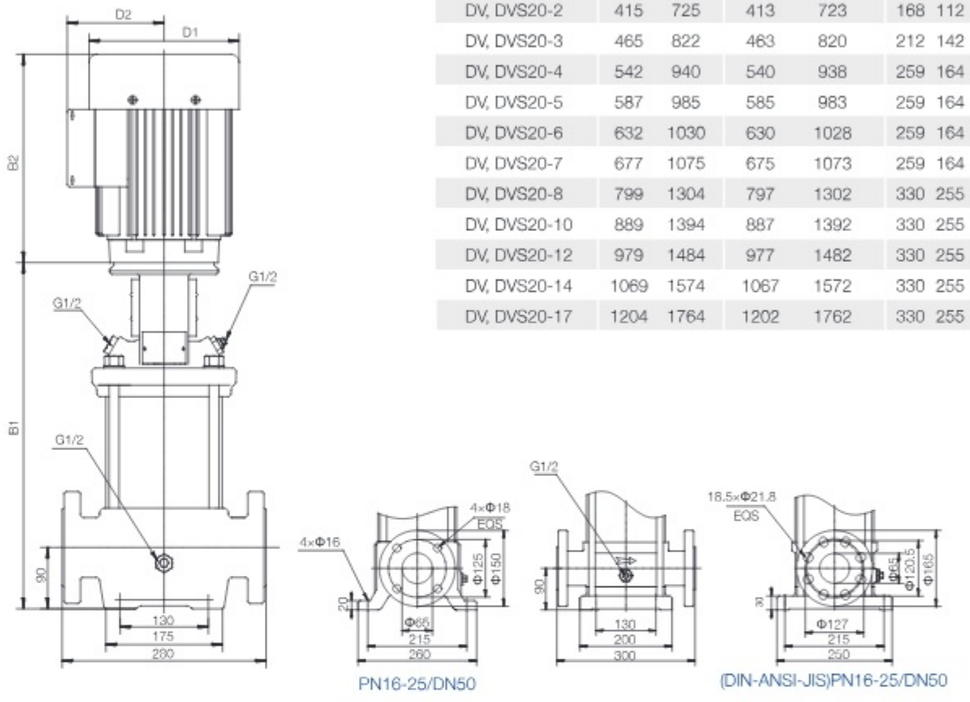
Model	Power (kW)	Q[m³/h]	3	6	9	12	15	18	21
DV, DVS15-1	1.1		15	13	13	12	11	10	9
DV, DVS15-2	2.2		28	27	26	25	23	21	18
DV, DVS15-3	3.0		42	41	40	38	35	32	28
DV, DVS15-4	4.0		58	55	55	51	47	43	38
DV, DVS15-5	4.0		70	68	66	64	58	53	48
DV, DVS15-6	5.5		83	82	80	77	71	64	58
DV, DVS15-7	5.5	H(m)	98	96	94	89	83	75	65
DV, DVS15-8	7.5		112	110	108	103	96	86	75
DV, DVS15-9	7.5		125	123	120	115	108	97	84
DV, DVS15-10	11.0		140	138	136	129	120	109	95
DV, DVS15-12	11.0		168	165	162	155	142	130	114
DV, DVS15-14	11.0		194	192	188	180	166	151	130
DV, DVS15-17	15.0		237	234	230	219	205	185	160

PERFORMANCE CURVES





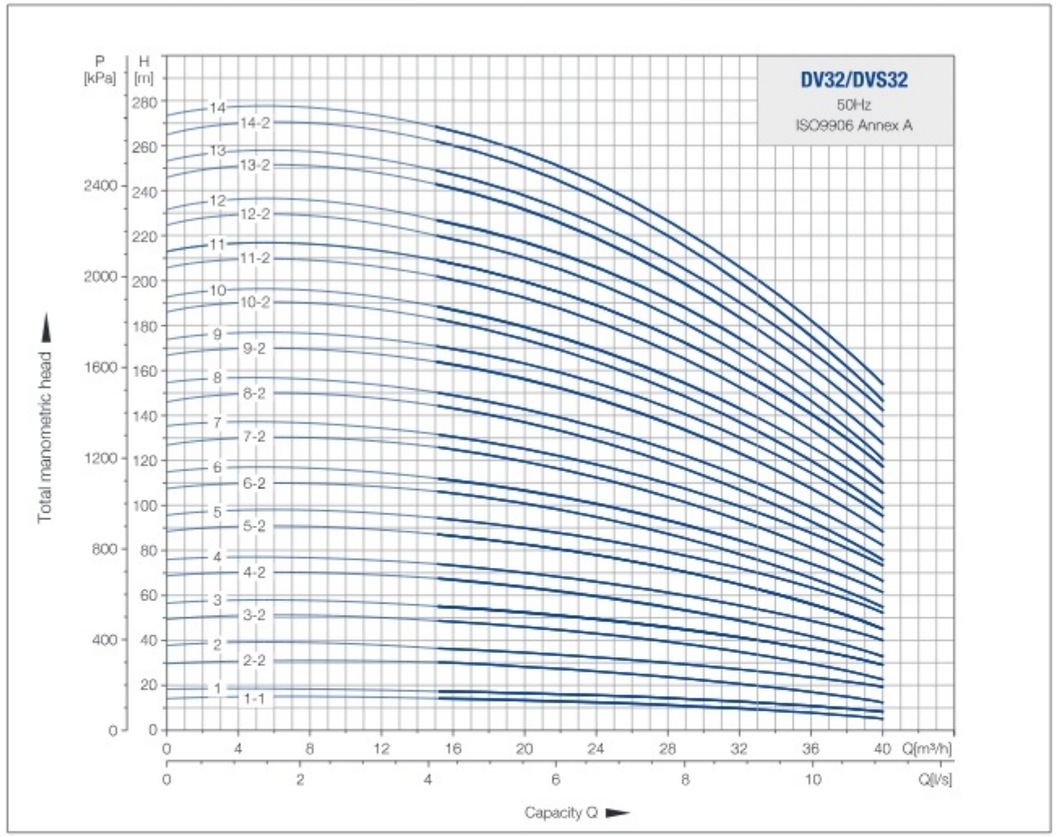
DIMENSION DRAWING

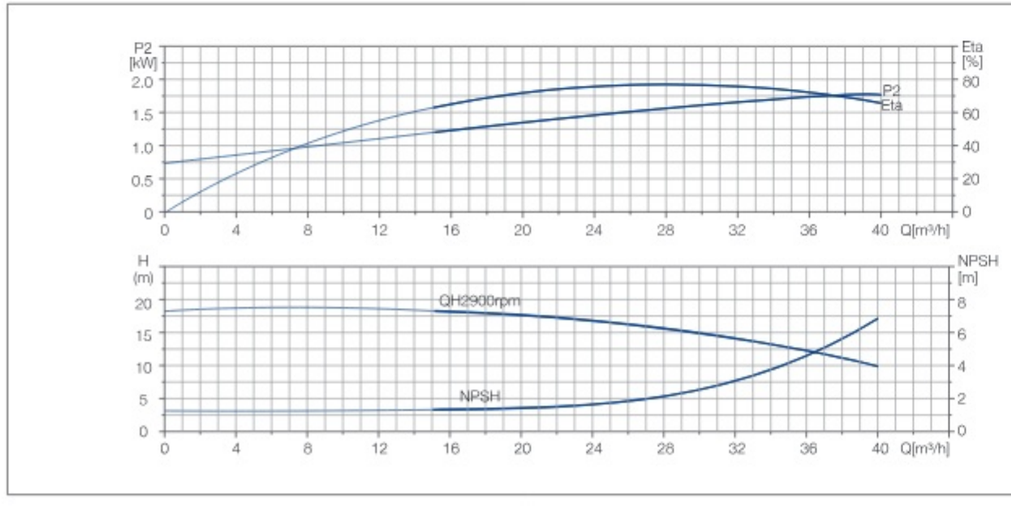


Model	Oval flange(DV)		DIN flange(DVS)		D1	D2
	B1	B1+B2	B1	B1+B2		
DV, DVS20-1	354	604	352	602	150	95
DV, DVS20-2	415	725	413	723	168	112
DV, DVS20-3	465	822	463	820	212	142
DV, DVS20-4	542	940	540	938	259	164
DV, DVS20-5	587	985	585	983	259	164
DV, DVS20-6	632	1030	630	1028	259	164
DV, DVS20-7	677	1075	675	1073	259	164
DV, DVS20-8	799	1304	797	1302	330	255
DV, DVS20-10	889	1394	887	1392	330	255
DV, DVS20-12	979	1484	977	1482	330	255
DV, DVS20-14	1069	1574	1067	1572	330	255
DV, DVS20-17	1204	1764	1202	1762	330	255

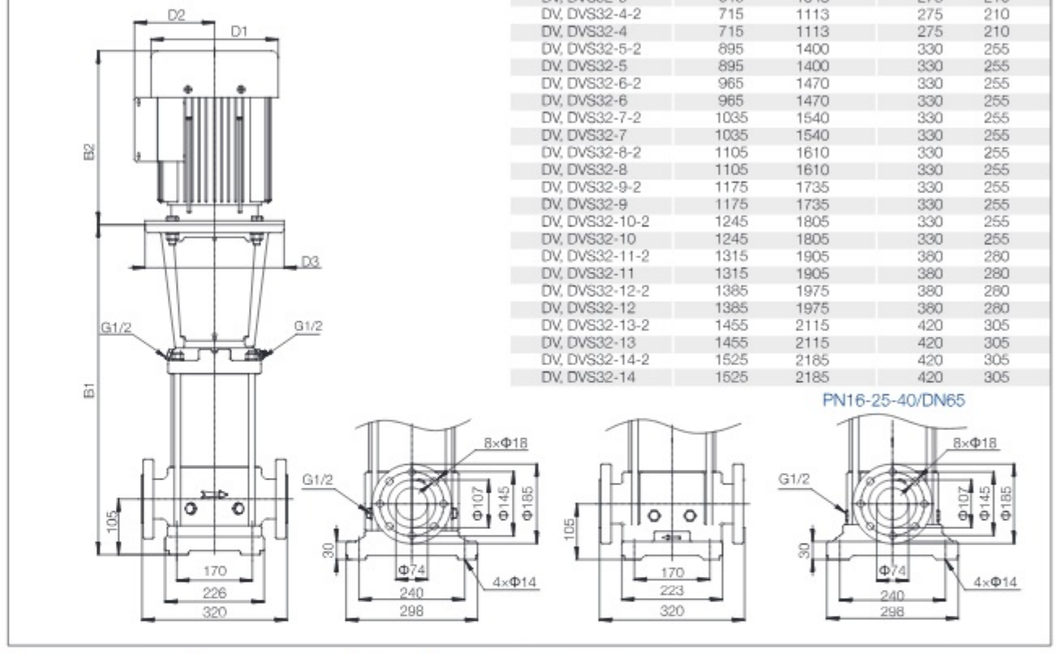
Model	Power (kW)	Q[m³/h]	4	8	12	16	20	24	28
DV, DVS20-1	1.1	H(m)	13	13	13	12	10.5	9	6.5
DV, DVS20-2	2.2		28	28	27	25	22.5	19	15
DV, DVS20-3	4.0		43	43	42	39	36	30	23
DV, DVS20-4	5.5		58	57	56	53	48	41	32
DV, DVS20-5	5.5		73	72	70	66	60	52	40
DV, DVS20-6	7.5		87	83	84	80	72	62	49
DV, DVS20-7	7.5		102	100	97	93	84	72	57
DV, DVS20-8	11.0		117	116	113	107	96	85	67
DV, DVS20-10	11.0		146	144	140	132	120	105	83
DV, DVS20-12	15.0		175	174	169	161	144	127	101
DV, DVS20-14	15.0		204	202	197	187	168	147	117
DV, DVS20-17	18.5		249	247	241	229	205	181	144

PERFORMANCE CURVES





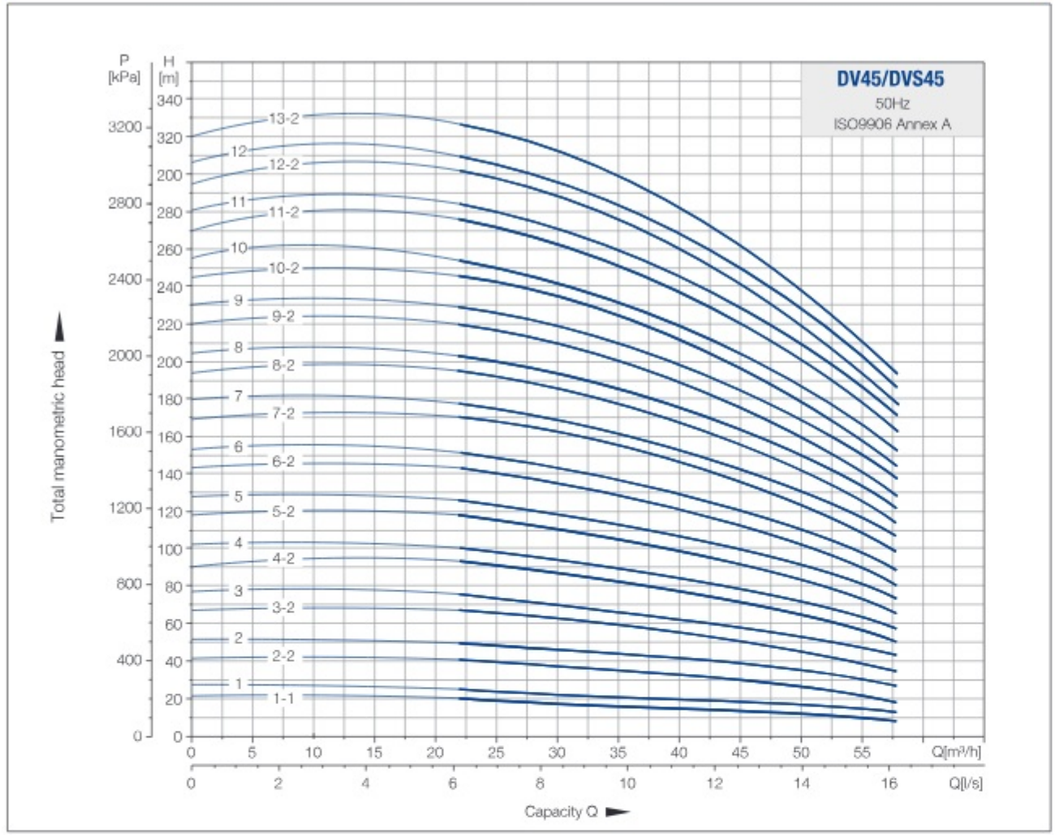
DIMENSION DRAWING

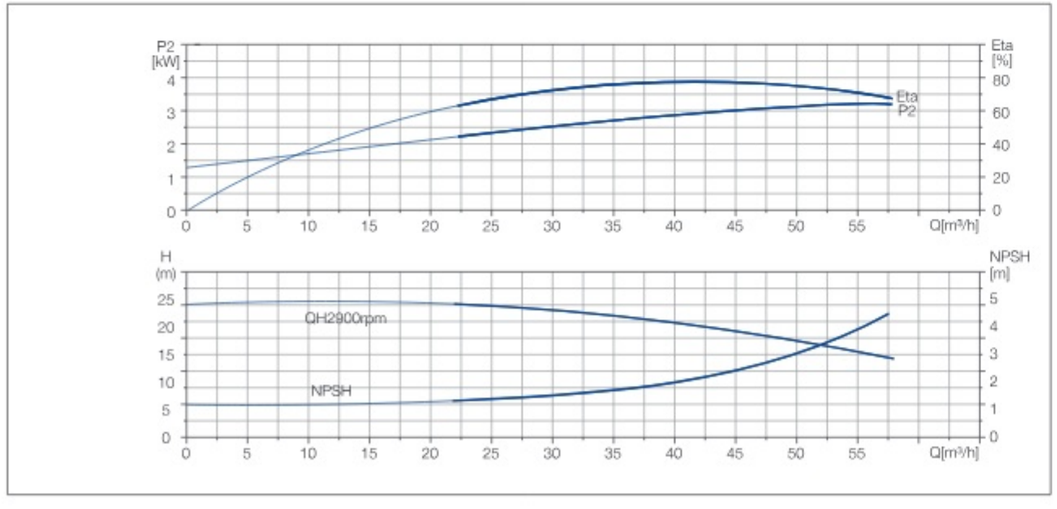


Model	DIN flange (DV DVS) B1	DIN flange (DV DVS) B1+B2	D1	D2
DV, DVS32-1-1	455	765	168	112
DV, DVS32-1	455	765	168	112
DV, DVS32-2-2	525	855	194	124
DV, DVS32-2	525	882	212	142
DV, DVS32-3-2	645	1043	275	210
DV, DVS32-3	645	1043	275	210
DV, DVS32-4-2	715	1113	275	210
DV, DVS32-4	715	1113	275	210
DV, DVS32-5-2	895	1400	330	255
DV, DVS32-5	895	1400	330	255
DV, DVS32-6-2	965	1470	330	255
DV, DVS32-6	965	1470	330	255
DV, DVS32-7-2	1035	1540	330	255
DV, DVS32-7	1035	1540	330	255
DV, DVS32-8-2	1105	1610	330	255
DV, DVS32-8	1105	1610	330	255
DV, DVS32-9-2	1175	1735	330	255
DV, DVS32-9	1175	1735	330	255
DV, DVS32-10-2	1245	1805	330	255
DV, DVS32-10	1245	1805	330	255
DV, DVS32-11-2	1315	1905	380	280
DV, DVS32-11	1315	1905	380	280
DV, DVS32-12-2	1385	1975	380	280
DV, DVS32-12	1385	1975	380	280
DV, DVS32-13-2	1455	2115	420	305
DV, DVS32-13	1455	2115	420	305
DV, DVS32-14-2	1525	2185	420	305
DV, DVS32-14	1525	2185	420	305

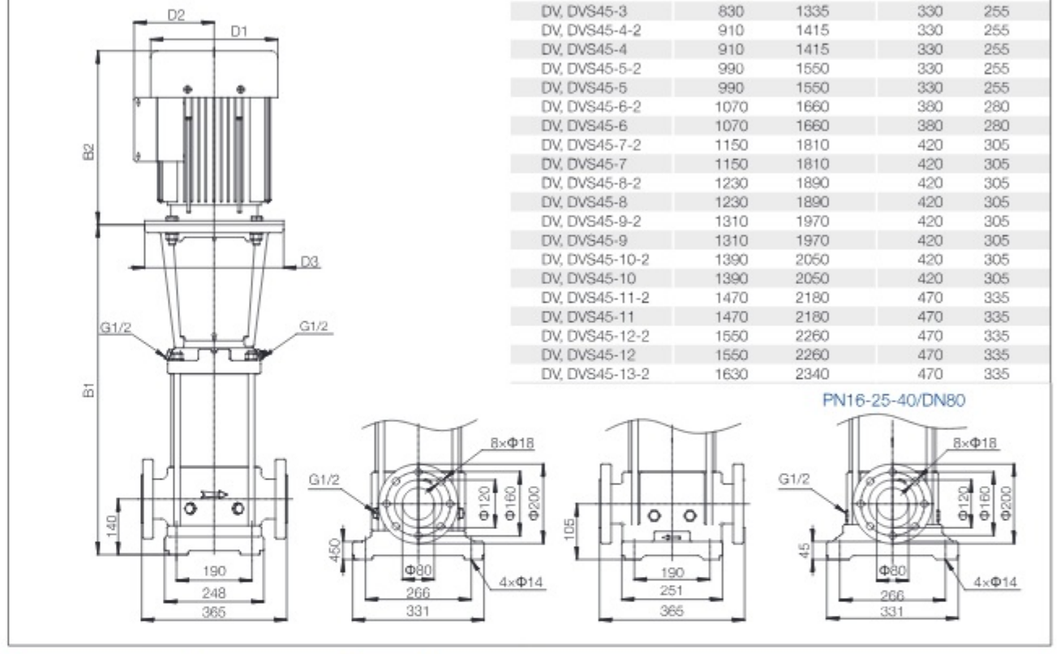
Model	Power (kW)	Q[m³/h]	15	20	25	32	35	40
DV, DVS32-1-1	1.5	H(m)	15	14	13	10	8	5
DV, DVS32-1	2.2		18	17	16	13	11.5	9
DV, DVS32-2-2	3.0		31	29.5	26.5	20.5	17.5	12
DV, DVS32-2	4.0		37	35.5	32.5	27.5	25	19.5
DV, DVS32-3-2	5.5		50	47	43.5	35.5	31	22.5
DV, DVS32-3	5.5		55.5	53	49	41.5	37.5	29.5
DV, DVS32-4-2	7.5		68.5	65	60	49.5	44	32.5
DV, DVS32-4	7.5		74.5	70.5	66	56	50.5	40
DV, DVS32-5-2	11		88.5	84.5	78	65.5	58.5	45
DV, DVS32-5	11		94.5	90	94	72	65	52
DV, DVS32-6-2	11		107	102	94.5	79.5	71	55
DV, DVS32-6	11		113	108	100	85.5	77.5	61.5
DV, DVS32-7-2	15		127	121	112	94.5	85	66.5
DV, DVS32-7	15		133	126	118	101	92	73.5
DV, DVS32-8-2	15		145	138	128	108	98	76.5
DV, DVS32-8	15		151	144	134	115	104	83
DV, DVS32-9-2	18.5		165	158	147	124	112	88.5
DV, DVS32-9	18.5		171	163	152	131	119	95.5
DV, DVS32-10-2	18.5		184	175	163	138	125	98.5
DV, DVS32-10	18.5		190	181	169	145	133	106
DV, DVS32-11-2	22		203	194	181	154	140	111
DV, DVS32-11	22		209	200	187	161	147	118
DV, DVS32-12-2	22		222	212	197	168	152	121
DV, DVS32-12	22		227	217	203	176	160	128
DV, DVS32-13-2	30		244	233	218	187	169	136
DV, DVS32-13	30		250	239	224	193	177	145
DV, DVS32-14-2	30		263	251	234	201	183	146
DV, DVS32-14	30		269	258	241	207	188	156

PERFORMANCE CURVES





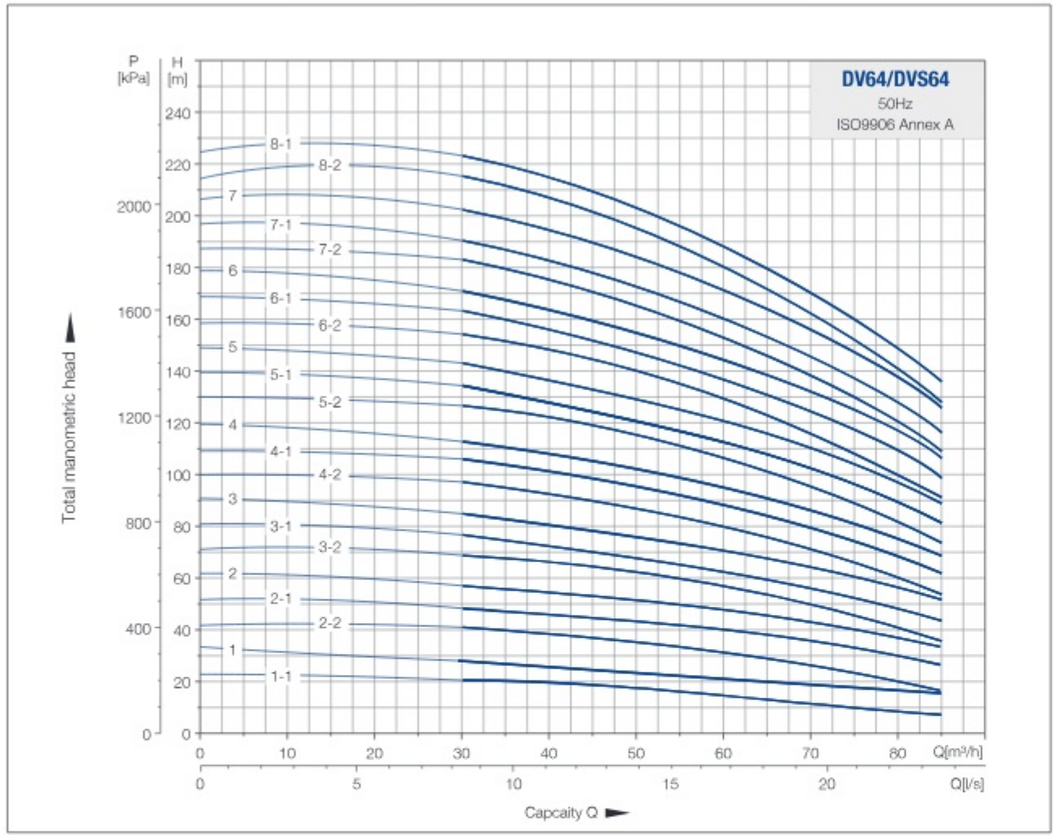
DIMENSION DRAWING

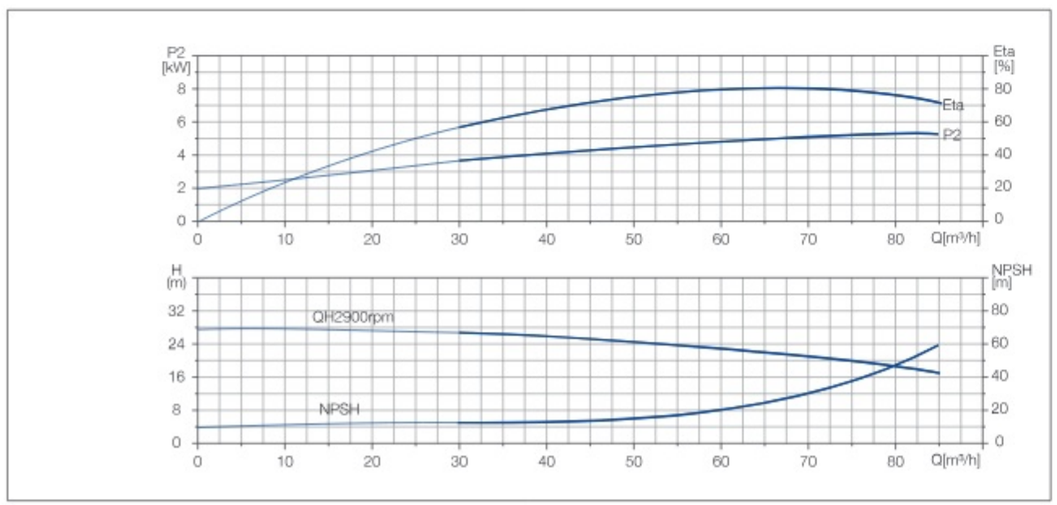


Model	DIN flange (DV DVS) B1	DIN flange (DV DVS) B1+B2	D1	D2
DV, DVS45-1-1	560	890	194	124
DV, DVS45-1	560	917	212	142
DV, DVS45-2-2	640	1038	275	210
DV, DVS45-2	640	1038	275	210
DV, DVS45-3-2	830	1335	330	255
DV, DVS45-3	830	1335	330	255
DV, DVS45-4-2	910	1415	330	255
DV, DVS45-4	910	1415	330	255
DV, DVS45-5-2	990	1550	330	255
DV, DVS45-5	990	1550	330	255
DV, DVS45-6-2	1070	1660	380	280
DV, DVS45-6	1070	1660	380	280
DV, DVS45-7-2	1150	1810	420	305
DV, DVS45-7	1150	1810	420	305
DV, DVS45-8-2	1230	1890	420	305
DV, DVS45-8	1230	1890	420	305
DV, DVS45-9-2	1310	1970	420	305
DV, DVS45-9	1310	1970	420	305
DV, DVS45-10-2	1390	2050	420	305
DV, DVS45-10	1390	2050	420	305
DV, DVS45-11-2	1470	2180	470	335
DV, DVS45-11	1470	2180	470	335
DV, DVS45-12-2	1550	2260	470	335
DV, DVS45-12	1550	2260	470	335
DV, DVS45-13-2	1630	2340	470	335

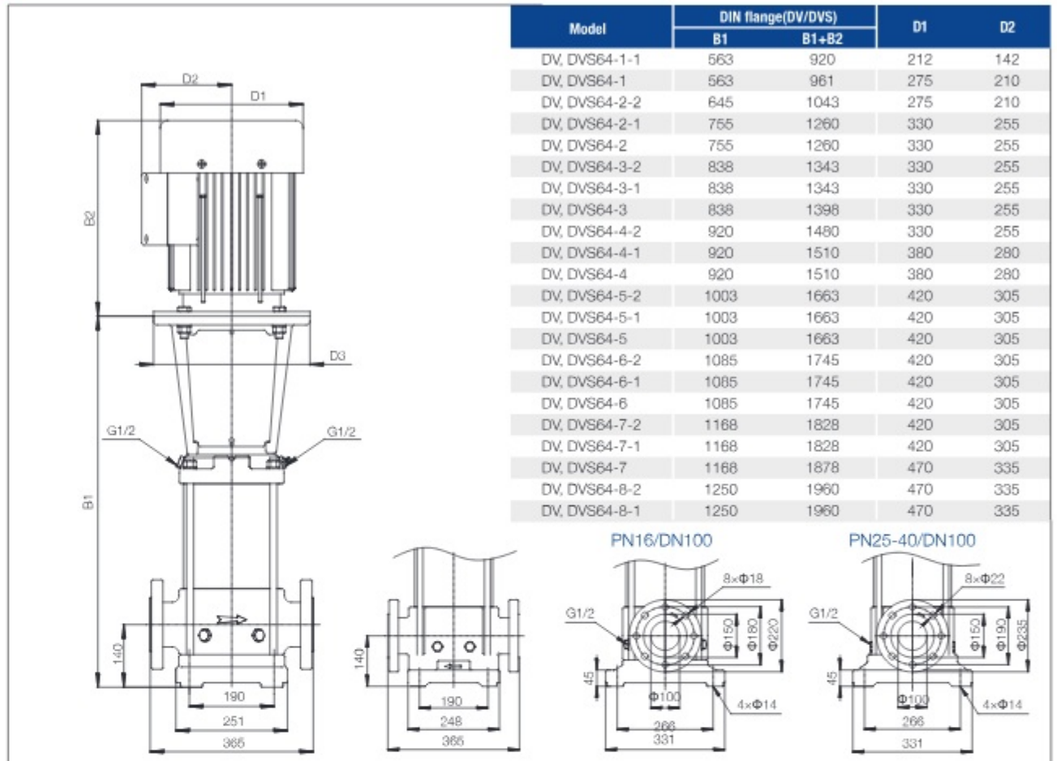
Model	Power (kW)	Q[m³/h]	25	30	35	40	45	50	55
DV, DVS45-1-1	3.0	H(m)	20	19.5	18	17	15	12.5	10.5
DV, DVS45-1	4.0		24	23	22	20.5	19	17.5	15
DV, DVS45-2-2	5.5		41	39	37	34	30.5	26.5	22
DV, DVS45-2	7.5		48.5	46.5	44.5	42	39	35	31
DV, DVS45-3-2	11		66	64	61	56.5	52	46	40
DV, DVS45-3	11		73.5	71	68	64	59.5	54	47.5
DV, DVS45-4-2	15		91	88	84	78.5	72	64.5	56
DV, DVS45-4	15		98.5	95	91	85.5	79.5	72.5	64
DV, DVS45-5-2	18.5		116	113	107	101	92.5	83.5	73
DV, DVS45-5	18.5		124	120	115	108	100	91.5	81
DV, DVS45-6-2	22		142	137	131	122	113	103	90
DV, DVS45-6	22		149	144	138	130	121	111	98
DV, DVS45-7-2	30		168	163	156	147	135	123	109
DV, DVS45-7	30		176	171	163	156	144	132	116
DV, DVS45-8-2	30		193	187	179	168	155	142	126
DV, DVS45-8	30		200	194	187	176	164	149	134
DV, DVS45-9-2	30		217	211	202	189	175	159	142
DV, DVS45-9	30		226	219	210	199	185	170	151
DV, DVS45-10-2	37		243	236	225	212	196	179	159
DV, DVS45-10	37		251	243	233	220	205	187	166
DV, DVS45-11-2	45		273	264	253	238	222	201	179
DV, DVS45-11	45		281	272	261	246	230	209	187
DV, DVS45-12-2	45		298	289	276	261	242	220	195
DV, DVS45-12	45		306	296	284	268	251	229	204
DV, DVS45-13-2	45		323	313	300	283	263	239	212

PERFORMANCE CURVES





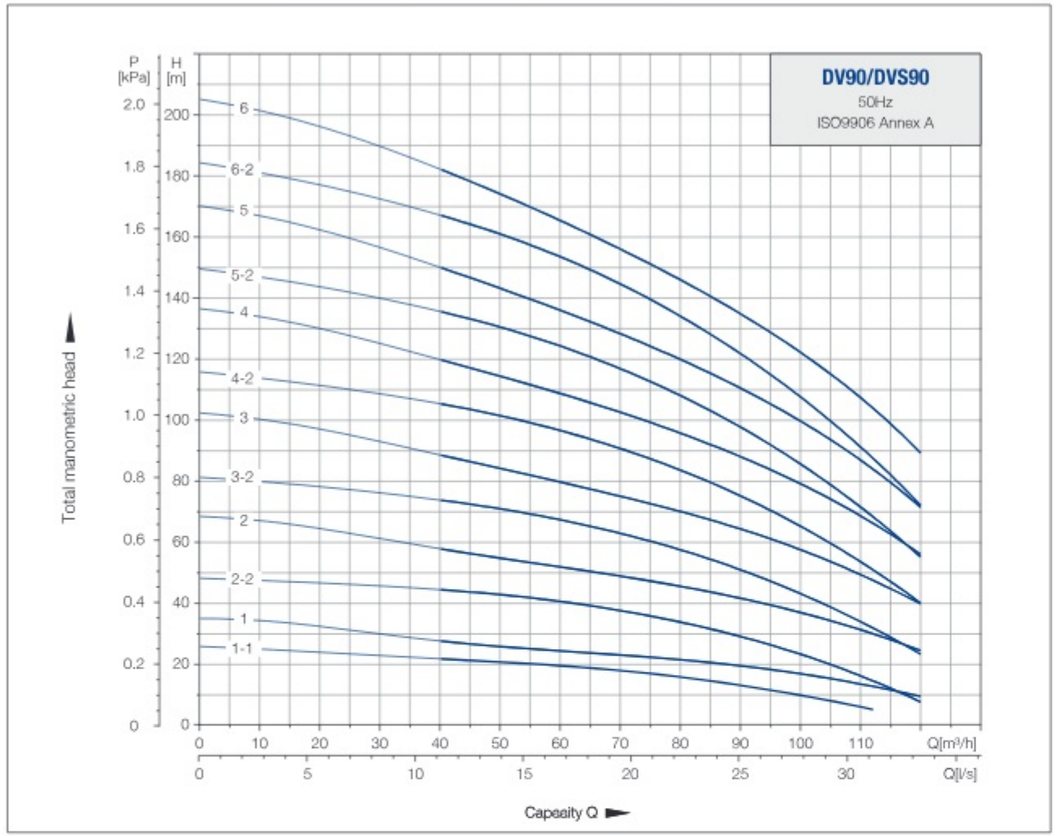
DIMENSION DRAWING

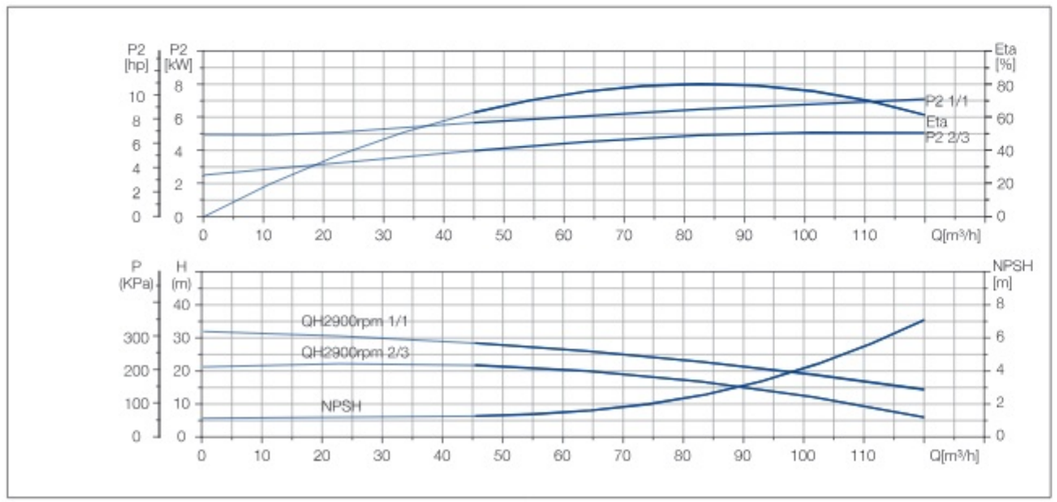


Model	DIN flange(DV/DVS)		D1	D2
	B1	B1+B2		
DV, DVS64-1-1	563	920	212	142
DV, DVS64-1	563	961	275	210
DV, DVS64-2-2	645	1043	275	210
DV, DVS64-2-1	755	1260	330	255
DV, DVS64-2	755	1260	330	255
DV, DVS64-3-2	838	1343	330	255
DV, DVS64-3-1	838	1343	330	255
DV, DVS64-3	838	1398	330	255
DV, DVS64-4-2	920	1480	330	255
DV, DVS64-4-1	920	1510	380	280
DV, DVS64-4	920	1510	380	280
DV, DVS64-5-2	1003	1663	420	305
DV, DVS64-5-1	1003	1663	420	305
DV, DVS64-5	1003	1663	420	305
DV, DVS64-6-2	1085	1745	420	305
DV, DVS64-6-1	1085	1745	420	305
DV, DVS64-6	1085	1745	420	305
DV, DVS64-7-2	1168	1828	420	305
DV, DVS64-7-1	1168	1828	420	305
DV, DVS64-7	1168	1878	470	335
DV, DVS64-8-2	1250	1960	470	335
DV, DVS64-8-1	1250	1960	470	335

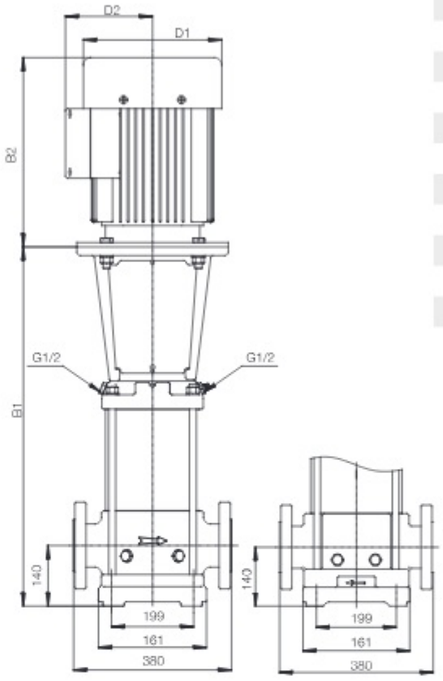
Model	Power (kW)	Q[m³/h]	30	40	50	64	70	80
DV, DVS64-1-1	4	H(m)	20	19	17.5	14	12	8.5
DV, DVS64-1	5.5		27	25.5	23.5	21	20	17
DV, DVS64-2-2	7.5		40	38	35.5	29	25.5	19
DV, DVS64-2-1	11		48	45.5	42.5	37	34.5	29
DV, DVS64-2	11		55	52.5	49.5	44	41.5	36
DV, DVS64-3-2	15		68	65.5	60	52.5	48.5	40
DV, DVS64-3-1	15		75.5	72	67.5	59.5	55.5	47
DV, DVS64-3	18.5		83.5	80	76	68	64	56
DV, DVS64-4-2	18.5		96	92.5	87	75.5	70	59
DV, DVS64-4-1	22		104	100	94.5	83.5	78.5	67.5
DV, DVS64-4	22		112	107	102	91	85.5	74.5
DV, DVS64-5-2	30		126	122	115	101	94	80.5
DV, DVS64-5-1	30		134	129	122	109	102	88
DV, DVS64-5	30		141	136	129	116	109	96
DV, DVS64-6-2	30		154	148	140	124	115	99
DV, DVS64-6-1	37		162	156	148	132	124	108
DV, DVS64-6	37		170	163	155	139	131	116
DV, DVS64-7-2	37		182	176	166	147	138	119
DV, DVS64-7-1	37		190	183	173	155	145	126
DV, DVS64-7	45		202	194	184	165	155	136
DV, DVS64-8-2	45		214	207	196	174	163	140
DV, DVS64-8-1	45		222	214	203	181	170	148

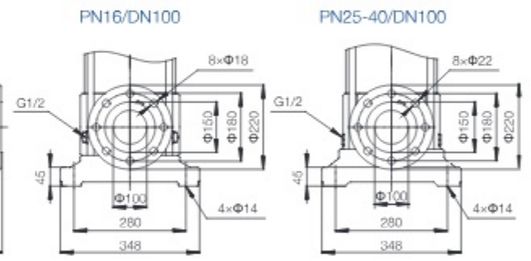
PERFORMANCE CURVES





DIMENSION DRAWING

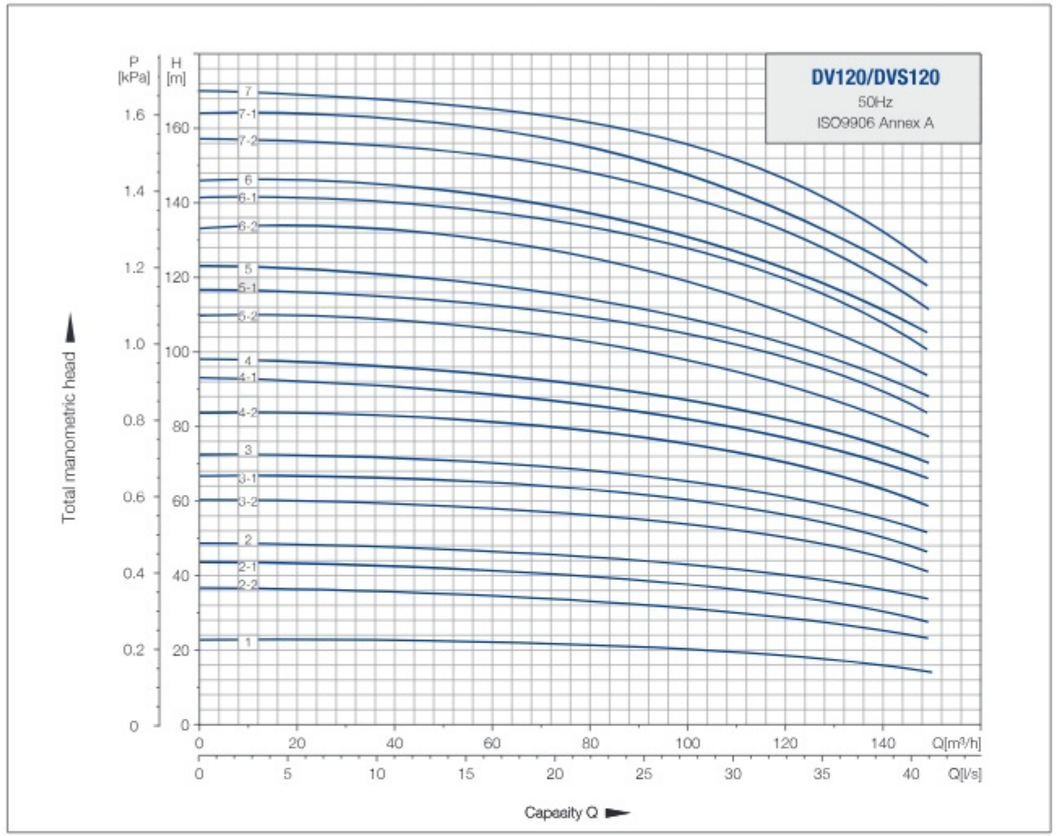


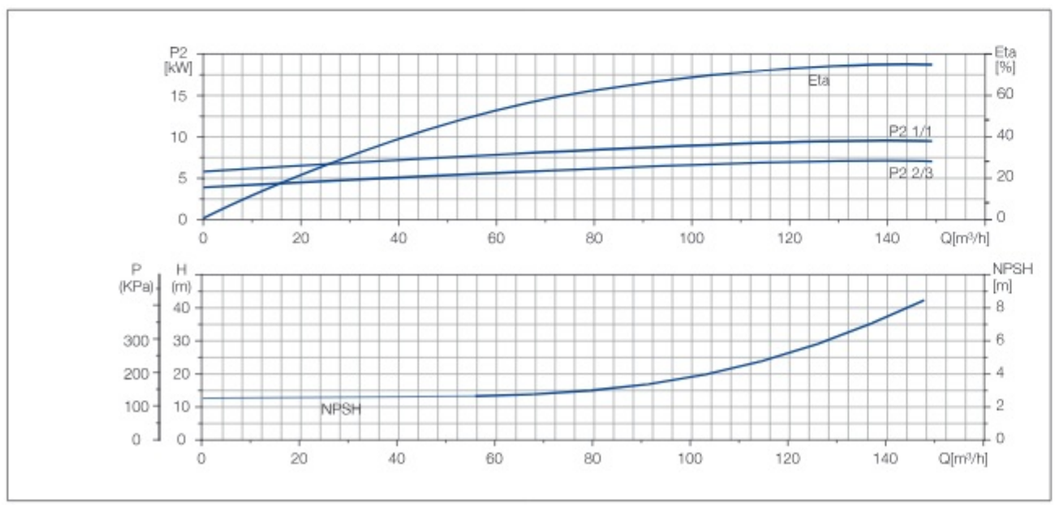


Model	DIN flange (DV DVS)		D1	D2
	B1	B1+B2		
DV, DVS90-1-1	659	969	275	210
DV, DVS90-1	659	969	275	210
DV, DVS90-2-2	773	1278	330	255
DV, DVS90-2	773	1278	330	255
DV, DVS90-3-2	865	1425	330	255
DV, DVS90-3	865	1455	380	280
DV, DVS90-4-2	975	1617	420	305
DV, DVS90-4	975	1617	420	305
DV, DVS90-5-2	1049	1709	420	305
DV, DVS90-5	1049	709	420	305
DV, DVS90-6-2	1141	1851	470	335
DV, DVS90-6	1141	1851	470	335

Model	Power (kW)	Q[m³/h]	50	60	70	80	90	100	110
DV, DVS90-1-1	5.5		21	20	18	16	14	10.5	6.5
DV, DVS90-1	7.5		26	25	23.5	22	20	17.5	14
DV, DVS90-2-2	11		43	41	38	34.5	29.5	24	17
DV, DVS90-2	15		55	52	49	46	42	37.5	31.5
DV, DVS90-3-2	18.5		71.5	68	63.5	58	51	44	35
DV, DVS90-3	22		84.5	80	75.5	70.5	64	58.5	50.5
DV, DVS90-4-2	30	H(m)	102	97	91	84.5	75	65.5	54
DV, DVS90-4	30		114	109	103	96	87.5	79.5	69.5
DV, DVS90-5-2	37		131	125	118	109	97	86.5	72
DV, DVS90-5	37		144	136	129	121	109.5	101	87
DV, DVS90-6-2	45		161	154	145	135	121	108	91.5
DV, DVS90-6	45		175	166	156	146	133	123	108

PERFORMANCE CURVES





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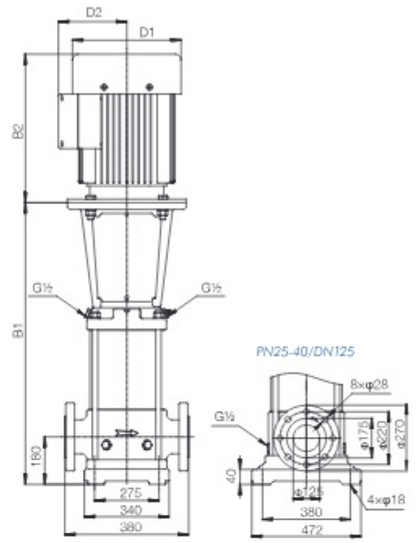
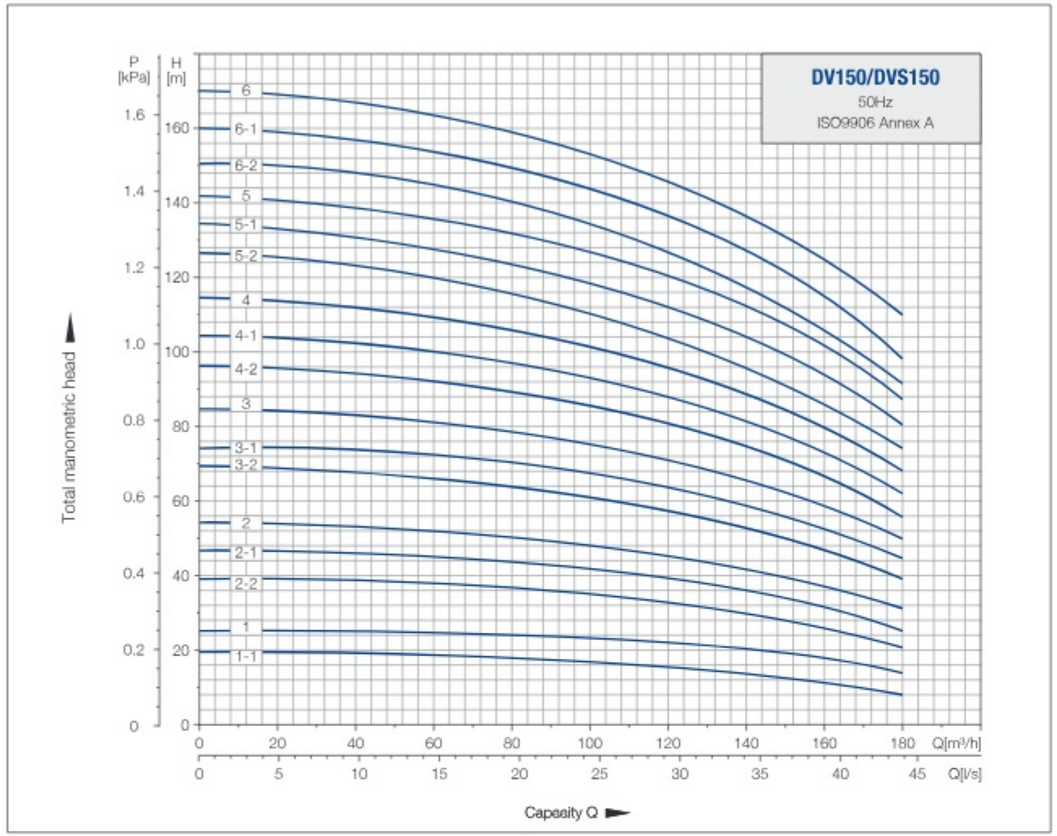
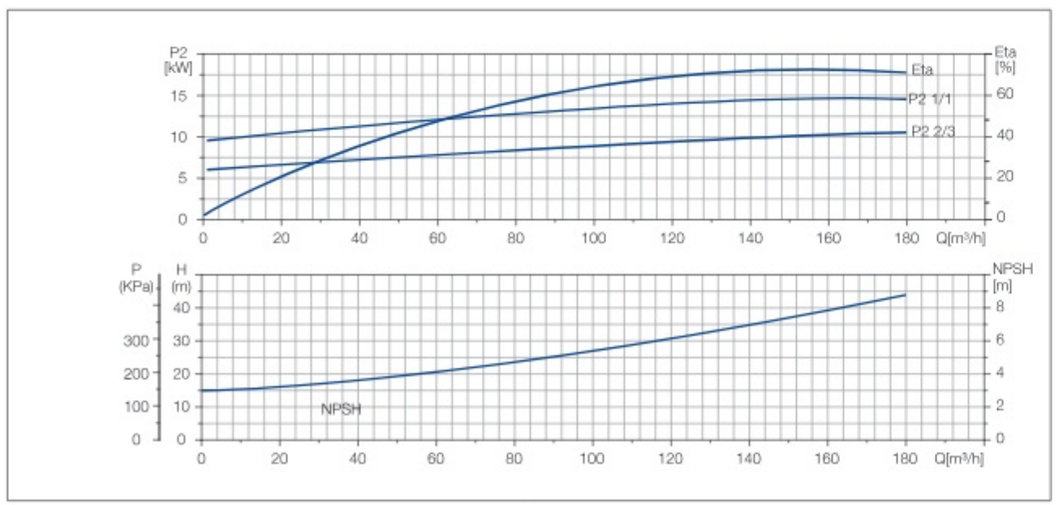


Model	DIN flange (DV DVS)					Weight
	B1	B2	B1+B2	D1	D2	
DV, DVS120-1	840	500	1340	330	255	230
DV, DVS120-2-2	1000	500	1500	330	255	245
DV, DVS120-2-1	1000	550	1550	330	255	250
DV, DVS120-2	1000	575	1575	360	285	285
DV, DVS120-3-2	1160	650	1810	400	310	359
DV, DVS120-3-1	1160	650	1810	400	310	360
DV, DVS120-3	1160	650	1810	400	310	360
DV, DVS120-4-2	1320	650	1970	400	310	400
DV, DVS120-4-1	1320	650	1970	400	310	400
DV, DVS120-4	1320	685	2005	460	340	460
DV, DVS120-5-2	1480	685	2165	460	340	470
DV, DVS120-5-1	1480	685	2165	460	340	470
DV, DVS120-5	1510	760	2270	540	370	575
DV, DVS120-6-2	1670	760	2430	540	370	585
DV, DVS120-6-1	1670	760	2430	540	370	585
DV, DVS120-6	1830	845	2515	580	410	705
DV, DVS120-7-2	1830	845	2675	580	410	715
DV, DVS120-7-1	1830	845	2675	580	410	715
DV, DVS120-7	1830	845	2675	580	410	715

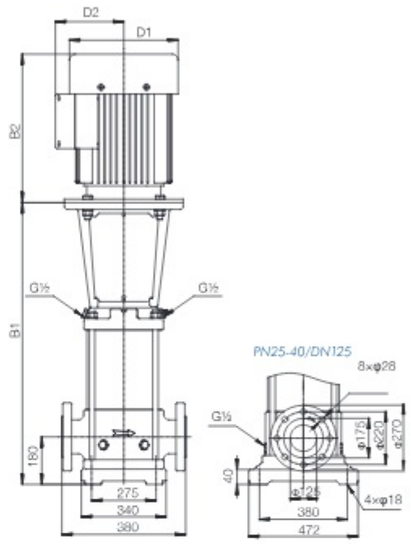
Model	Power (kW)	Q[m³/h]	60	70	80	90	100	110	120	130	140	150
DV, DVS120-1	11		22	21.8	21.6	21	20.5	19.5	18.5	17	16	15
DV, DVS120-2-2	15		34	33.6	33	31	30.2	30	28.5	27	25	24
DV, DVS120-2-1	18.5		41	40	39.5	38.5	37	36.5	34.5	32.5	30	27.5
DV, DVS120-2	22		46	45	44.5	43.5	42.4	41	40	38	36	33.5
DV, DVS120-3-2	30		57	56	55	53.5	52	51	49	46.5	43.5	41
DV, DVS120-3-1	30		64	63	62	60	58.5	57.5	55.5	52	49	46
DV, DVS120-3	30	H(m)	69.5	68.5	67.5	66	64.4	62.5	61	57.5	54.5	51
DV, DVS120-4-2	37		80.5	79	78	76	73.5	72	69	66	61.5	58
DV, DVS120-4-1	37		87	86	84.5	82	80	78	76	72	68	64.5
DV, DVS120-4	45		92.5	91	90	88	85.5	83	81	77	73	68.5
DV, DVS120-5-2	45		104.5	103	101	99	96	93	90	85.5	80.5	75.5
DV, DVS120-5-1	45		110.5	109	107.5	105	102	100	97	92	86.5	83
DV, DVS120-5	55		115.5	114	113	110	107.5	104.5	101.5	96	91	86
DV, DVS120-6-2	55		128	125.5	123	121	117.3	113.5	110	104.5	98.5	92.5
DV, DVS120-6-1	55		134	132	130.5	127	124	121	118	111	105	100
DV, DVS120-6	75		139	137	135	132	128.8	126	123	116	110	104
DV, DVS120-7-2	75		151	148	145.5	143	138.6	134	130	123.5	116.5	109
DV, DVS120-7-1	75		156.5	154	152	148.5	144.5	141	137.5	130	123	116.5
DV, DVS120-7	75		162.5	160.5	158.5	155	151	148	145	137	129	123

PERFORMANCE CURVES





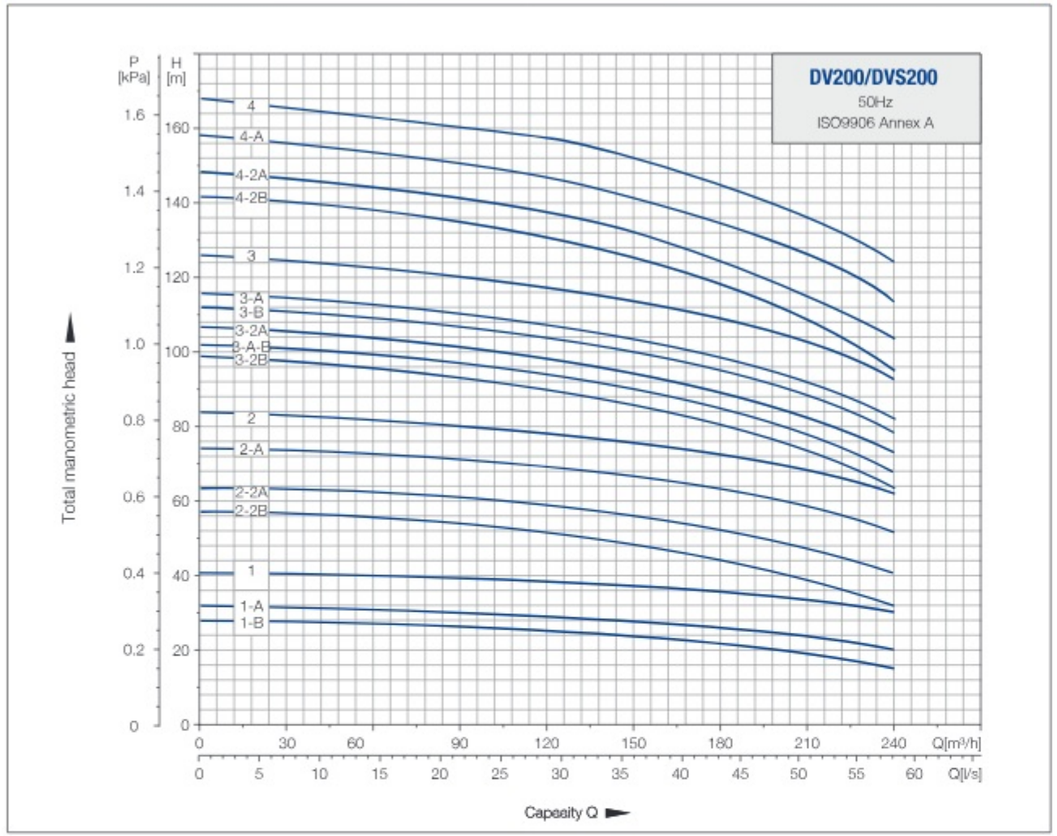
DIMENSION DRAWING

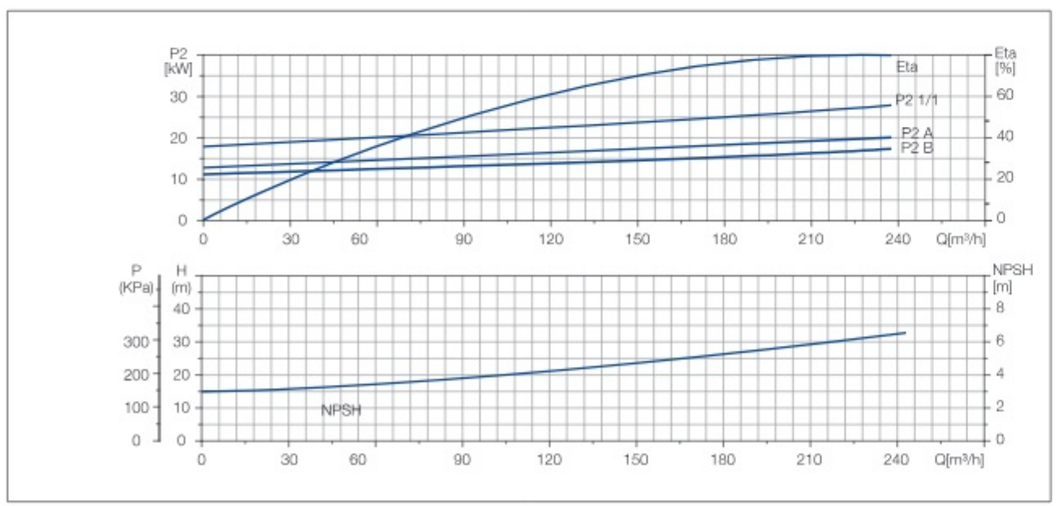


Model	DIN flange (DVS DVS)					Weight
	B1	B2	B1+B2	D1	D2	
DV, DVS150-1-1	840	500	1340	330	255	230
DV, DVS150-1	840	500	1340	330	255	235
DV, DVS150-2-2	1000	550	1550	330	255	250
DV, DVS150-2-1	1000	575	1575	360	285	295
DV, DVS150-2	1000	650	1650	400	310	350
DV, DVS150-3-2	1160	650	1810	400	310	360
DV, DVS150-3-1	1160	650	1810	400	310	360
DV, DVS150-3	1160	650	1810	400	310	385
DV, DVS150-4-2	1320	685	2005	460	340	460
DV, DVS150-4-1	1320	685	2005	460	340	460
DV, DVS150-4	1350	760	2110	460	370	560
DV, DVS150-5-2	1510	760	2270	540	370	570
DV, DVS150-5-1	1510	845	2355	540	370	690
DV, DVS150-5	1510	845	2355	580	410	690
DV, DVS150-6-2	1670	845	2515	580	410	700
DV, DVS150-6-1	1670	845	2515	580	410	700
DV, DVS150-6	1670	845	2515	580	410	700

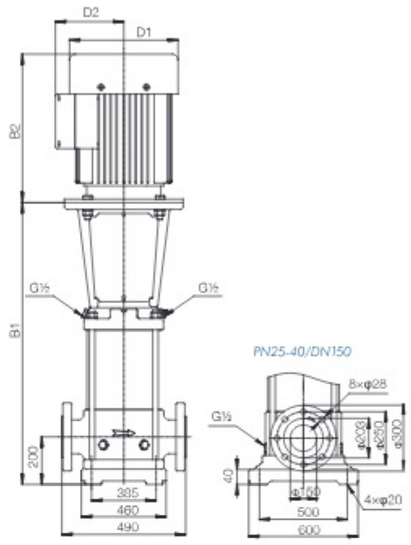
Model	Power (kW)	Q[m³/h]	80	90	100	110	120	130	140	150	160	170	180
DV, DVS150-1-1	11	H(m)	18.3	17.8	17.3	17	16	15	14	12.5	11	10	8.5
DV, DVS150-1	15		24	23	22.5	22	21.5	20.5	20	18.5	17	16	15
DV, DVS150-2-2	18.5		37	35.5	34	33	32	31	29	27.5	26	23	21
DV, DVS150-2-1	22		44.3	43	42	40	39	38.5	37.5	35	33	30	27
DV, DVS150-2	30		50	49	48	47	45.5	44	42	40	37	34	32
DV, DVS150-3-2	30		63.5	61	59	57.5	56	54.5	53	49	45.5	42	39
DV, DVS150-3-1	30		70	68	67	65	63	62	60	56	53	49	45
DV, DVS150-3	37		78	76.5	75	73	70.5	68	66	63	59	55	50.5
DV, DVS150-4-2	37		89	87	84	81.5	79	77	74.5	70.5	65.5	60	56
DV, DVS150-4-1	45		96.5	94	91.5	89	86.5	84	81.5	77	72.5	67	62
DV, DVS150-4	45		104	102	100	97	96	91	88	84	79.5	74	68
DV, DVS150-5-2	55		115.5	112	109	106	102.5	100	97	92	86	79	73.5
DV, DVS150-5-1	55		122.5	119.5	117	113.5	111.5	107.5	104.5	99	93.5	87	80
DV, DVS150-5	75		130	127.5	125	121	119	115	111.5	106.5	101	94.5	86.5
DV, DVS150-6-2	75		140	137	133	130	126	121	118	112	106	98	91
DV, DVS150-6-1	75		148.5	145	141.7	137.5	135	131	127	120.5	114.5	106.5	97.5
DV, DVS150-6	75		157	153	149	145	142	139.5	137	130	123.5	116	109

PERFORMANCE CURVES





DIMENSION DRAWING



Model	DIN flange (DV DVS)					Weight
	B1	B2	B1+B2	D1	D2	
DV, DVS200-1-B	907	550	1457	330	255	311
DV, DVS200-1-A	907	575	1482	360	285	347
DV, DVS200-1	907	650	1557	400	310	403
DV, DVS200-2-2B	1101	650	1751	400	310	447
DV, DVS200-3-2A	1101	685	1786	460	340	504
DV, DVS200-2-A	1131	760	1891	540	370	595
DV, DVS200-2	1131	760	1891	540	370	595
DV, DVS200-3-2B	1325	845	2170	580	410	748
DV, DVS200-3-A-B	1325	845	2170	580	410	748
DV, DVS200-3-2A	1325	845	2170	580	410	748
DV, DVS200-3-B	1325	845	2170	580	410	748
DV, DVS200-3-A	1325	845	2170	580	410	748
DV, DVS200-3	1325	895	2220	580	410	817
DV, DVS200-4-2B	1519	895	2414	580	410	830
DV, DVS200-4-2A	1519	1140	2659	645	550	1180
DV, DVS200-4-A	1519	1140	2659	645	550	1180
DV, DVS200-4	1519	1140	2659	645	550	1180

Model	Power (kW)	Q[m³/h]	100	120	140	160	180	200	220	240
DV, DVS200-1-B	18.5	H(m)	25.5	25	24	23	21.5	20	18	15.5
DV, DVS200-1-A	22		29	28.5	27.5	26.5	25.5	24	22	20
DV, DVS200-1	30		38.5	38	37.5	36.5	35	34	32.5	30
DV, DVS200-2-2B	37		53	51	49	47	44	41	37	32
DV, DVS200-3-2A	45		59.5	58	56	54	52.5	49	44.5	40.5
DV, DVS200-2-A	55		69	68	66	64	62	59	55.5	51
DV, DVS200-2	55		78.5	77.5	76	74	71.5	69	66	61.5
DV, DVS200-3-2B	75		91.5	89	86.5	83.5	79	75	70	63
DV, DVS200-3-A-B	75		95	93	90	87	83.5	79	73.5	67
DV, DVS200-3-2A	75		99.5	97.5	94.5	91.5	89	84	78.5	72
DV, DVS200-3-B	75		104.5	102.5	100	97	93	89	84.5	77.5
DV, DVS200-3-A	75		108	106	103.5	100.5	97.5	93	88	81.5
DV, DVS200-3	90		117.5	116	113.5	110.5	107	103	99	92
DV, DVS200-4-2B	90		131.5	129	125.5	121	115.5	110	103.5	94
DV, DVS200-4-2A	110		138.5	136	132	128	124	118	111	102.5
DV, DVS200-4-A	110		148	145.5	142.5	138	134	128	122	113
DV, DVS200-4	110		157.5	155.5	152.5	148	143.5	138	132.5	123.5

DPR

APPLICATION

- High building water supply and pressurization
- Pipeline booster system
- HVAC and heating system
- Cold & hot water circulation
- Boiler water supply
- Industrial circulation system

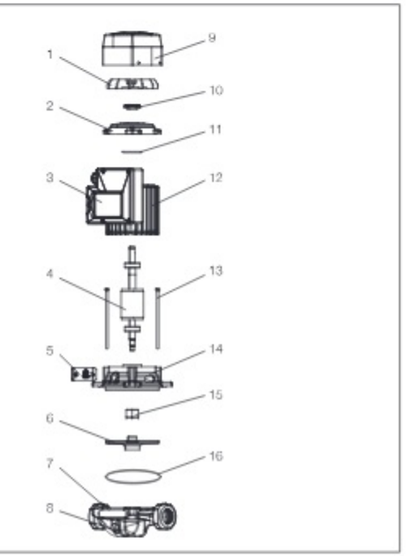
PUMP&MOTOR

- IP 55 entire closed air cooling motor
- High water temperature resistance up to 105 C
- Wide voltage ranges 180~240V, 345~415V
- Ultra tolerant voltage operation and ultra-low voltage start
- SSI304 impeller and stainless fabricated shaft
- Excellent rust resistance and long service life span
- No secondary pollution
- Protection class: IP55
- Insulation class: F

MODEL INSTRUCTION

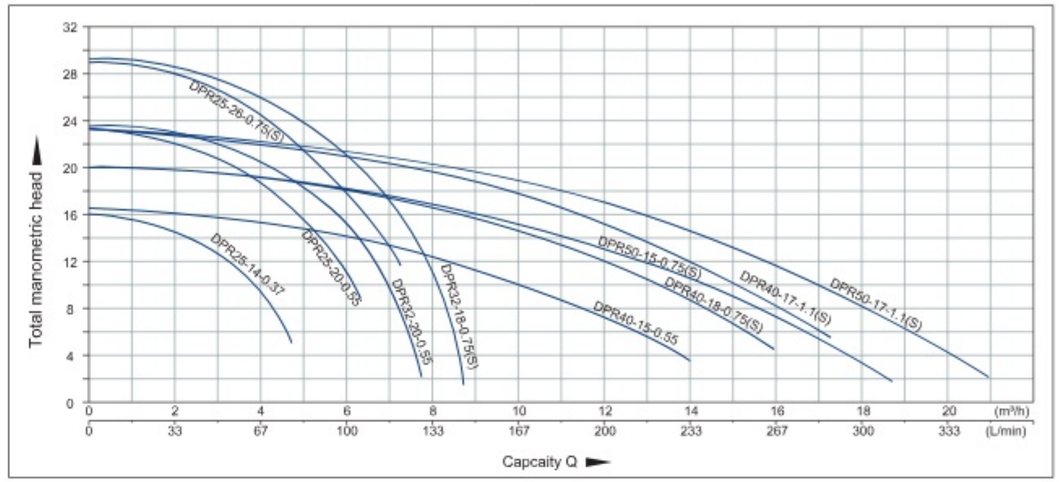
DPR 25 - 14 - 0.37 (S)

- (S) — Three phase with S
- 0.37 — Rated power of motor (kW)
- 14 — Rated head (m)
- 25 — Rated flow (m³/h)
- DPR — Series code



NO.	NAME	Material
1	Fan	Plastic
2	End cover	HT200
3	Terminal box	ABS
4	Rotor	SSI304+45#
5	Guard plate	SSI304
6	Impeller	SSI304
7	Pump body	HT200
8	Drain plug	Copper
9	Fan cover	Q235
10	Gasket	NBR
11	Wavewasher	SSI201
12	Motor	Combined
13	Screw	SSI201
14	Connector	HT200
15	Mechanical seal	Ceramic+SSI+ fluororubber
16	"O" ring	EPDM

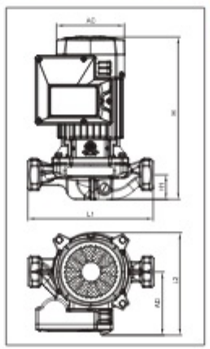
PERFORMANCE CURVES



TECHNICAL TABLE

Model	Outlet diameter / Inlet diameter	Flow (m³/h)	Max.Flow (m³/h)	Head (m)	Max.Head (m)	Power (KW)
DPR25-14-0.37	25/25	2	4.5	14	16	0.37
DPR25-20-0.55	25/25	3	6.5	20	23	0.55
DPR25-26-0.75(S)	25/25	3	7.5	26	29	0.75
DPR32-20-0.55	32/32	3	7.5	20	23	0.55
DPR32-18-0.75(S)	32/32	6	8.5	18	29	0.75
DPR40-15-0.55	40/40	4	14	15	16.5	0.55
DPR40-18-0.75(S)	40/40	6	16	18	20	0.75
DPR40-17-1.1(S)	40/40	10	17.5	17	23	1.1
DPR50-15-0.75(S)	50/50	10	18.5	15	20	0.75
DPR50-17-1.1(S)	50/50	11	20	17	23	1.1

INSTALLATION METHOD AND SIZE



Model	L1	L2	H1	H	AC	AD	Outlet	Weight (kg)	Packaging size(mm)	QTY /20GP
DPR25-14-0.37	215	175	42	280	116	107	1"	7.9	320×255×220	1472
DPR25-20-0.55	255	199	44	335	136	121	1"	13	405×310×265	794
DPR25-26-0.75(S)	275	199	55	345	136	121	1"	14.4	405×310×265	794
DPR32-20-0.55	255	199	44	335	136	121	1.2"	13	405×310×265	794
DPR32-18-0.75(S)	275	199	55	345	136	121	1.2"	14.4	405×310×265	794
DPR40-15-0.55	315	199	70	405	136	121	1.5"	20.4	460×305×255	739
DPR40-18-0.75(S)	315	199	70	405	136	121	1.5"	21.3	460×305×255	739
DPR40-17-1.1(S)	315	199	70	405	136	121	1.5"	23.6	460×305×255	739
DPR50-15-0.75(S)	315	199	70	405	136	121	2"/flange2"(PN6)	20.5	460×305×255	739
DPR50-17-1.1(S)	315	199	70	405	136	121	2"/flange2"(PN6)	22.8	460×305×255	739

Note: The installation size of L1 will be 260mm after changing 2" screw outlet with flange

DP

APPLICATION

- Transferring for clean water and other liquids;
- Water supply system, filtration and transportation;
- Pressure boosting and domestic hot water circulation;
- Industrial application and equipment supporting system;
- HVAC and Fire Fighting System;
- Agricultural water irrigation, etc.

OPERATING CONDITIONS

- Max. ambient temperature: 50℃
- Liquid temperature range: 0℃~90℃
- Max.operating pressure: 16 bar

PUMP

- Pump casing with anti-corrosive coating
- Cast iron Impeller
- AISI304 stainless steel shaft
- NSK bearing
- Wear resistance mechanical seal

MOTOR

- IE3 high-efficiency motor
- Protection class: IP55
- Insulation class: F

MODEL INSTRUCTION

DP 50 - 35 - 5.5 / 2

- 2 — Number of motor poles
- 5.5 — Rated power (kW)
- 35 — Rated flow (m^3/h)
- 50 — Outlet/Inlet Diameter (mm)
- DP — Inline circulation pump

MODEL ANALYSIS

NO.	NAME	Material	NO.	NAME	Material
1	Fan	PP	11	Impeller	HT200
2	End cover	HT200	12	"O" ring	NBR
3	Terminal board	-	13	Connector	HT200
4	Terminal cover	YL113	14	Bearing	-
5	Rotor	-	15	Stator	-
6	Front end cover	HT200	16	Power cord terminal	PP
7	Guard plate	AISI304	17	Pump base	YL113/HT200
8	Mechanical seal	Graphite on silicon carbide	18	Skeleton oil seal	NBR
9	Pump body	HT200	19	Fan cover	Carbon Steel
10	Bottom plate	HT200			

Estimation of Loss of Piping and Piping Accessories

Pipe Dia. (mm)	Flow rate (L/s)																										
	0.5	1	2	4	6	8	10	15	20	25	30	40	50	60	70	80	90	100	110	120	130	140	160	180	200
25	7.73	30.9	30.9																						
38	0.72	2.87	2.87	45.9																					
50		0.81	0.81	12.9	2.91																				
65			0.38	3.24	7.29	13.0	20.2																		
75				1.53	3.44	6.12	9.56	21.5																	
100				0.34	0.77	1.36	2.13	4.78	8.50	13.3	19.1														
125					0.24	0.43	0.67	1.50	2.67	4.17	6.00	10.7													
150						0.17	0.26	0.58	1.04	1.62	2.34	6.00	6.49	9.35											
175							0.12	0.26	0.47	0.74	1.06	1.88	2.94	4.23	5.76	7.53	9.53								
200								0.13	0.24	0.37	0.53	0.95	1.47	2.14	2.91	3.80	4.81	5.93	7.18	8.55					
250									0.08	0.12	0.17	0.30	0.48	0.69	0.93	1.22	1.54	1.90	2.30	2.74	3.22	3.73	4.87	6.17	
300											0.07	0.12	0.19	0.27	0.37	0.48	0.61	0.75	0.91	1.08	1.27	1.47	1.93	2.44	3.00

Unit conversion:
1Pa=1N/m²=10MPa
0.1MPa=10m Water spout=100 kPa=1 kilogram=I atm
P=pgh p Water=1000kg/m³
d: Φ200mm=0.2m
V: 1.73m/s
Q:195.66 m³/h Q=900πd2V(m³/h)

Pipe Dia. (mm)	1.6	3.6	7.2	14.4	21.6	28.8	36	54	72	90	108	144	180	216	252	288	324	360	396	432	468	504	576	648	720
	Flow rate (m³/h)																								

Brief table of friction loss of straight pipe
(for estimation) Pipe 100m The number of meters of straight pipe loss is based on the new cast iron pipe, and the old pipe is doubled.

Maximum Flow Limit for A Certain Pipe Diameter

Pipe Dia. (mm)	Max. Flow (m^3/h)	Max. Flow Rate (m/s)
25	3.6	2.04
38	9	2.21
50	15	2.12
65	24	2.01
75	36	2.26
100	66	2.33
125	108	2.44

Note: Line losses increase significantly beyond this

The Straight Pipe Length of Each Valve And Elbow

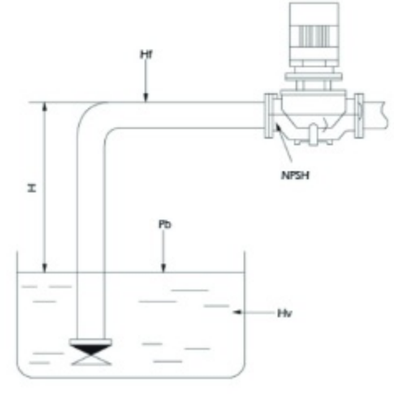
Type	Converted to Multiples of Pipe Diameter	Remark
Fully open gate valve	13	Doubles if not open
Standard elbow	25	
Check valve	100	
Foot valve	100	Partial blockage doubles

Note: For example, for a 100mm diameter pipe, the bottom valve equivalent to 100 times the diameter is equal to 100x100-100mm=10m straight pipeength, assuming the fow rate is 8L/s, see the table above. If the straight pipe loses 1.3m per 100m, the loss of 10m is 0.13m, that is, when the flow rateof the bottom valve of 100m is 8L/s, the loss of lift is 0.13m.

Minimum Inlet Pressure - NPSH

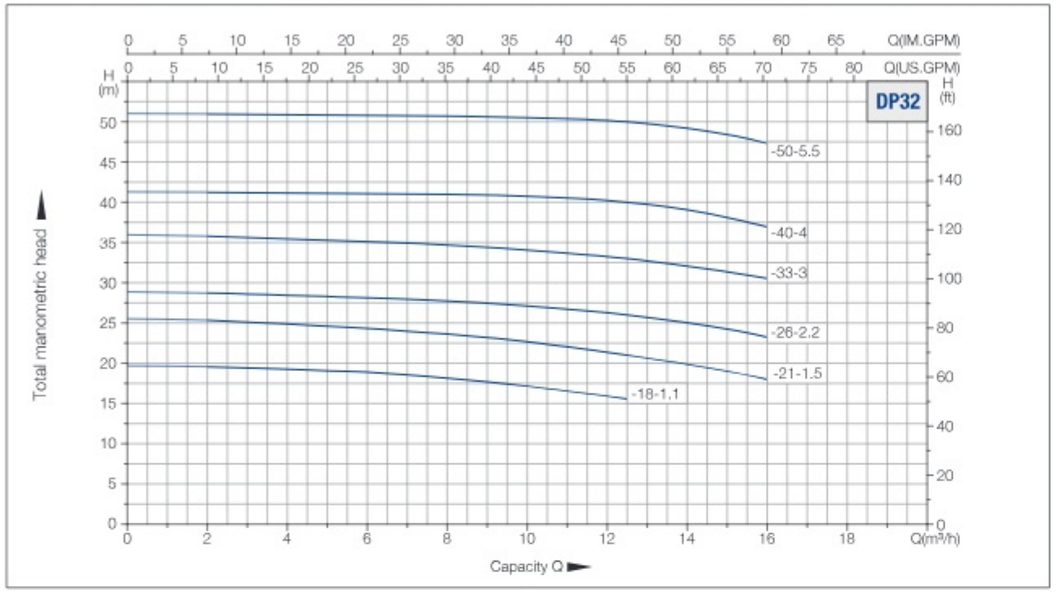
It is recommended to calculate the inlet pressure "H" when the following conditions exist:
High liquid temperature
The flow is significantly greater than the rated flow
Pump water from low
Pumping water from long pipes
Poor import conditions
To avoid cavitation, it is necessary to ensure a minimum pressure on the inlet side of the pump.

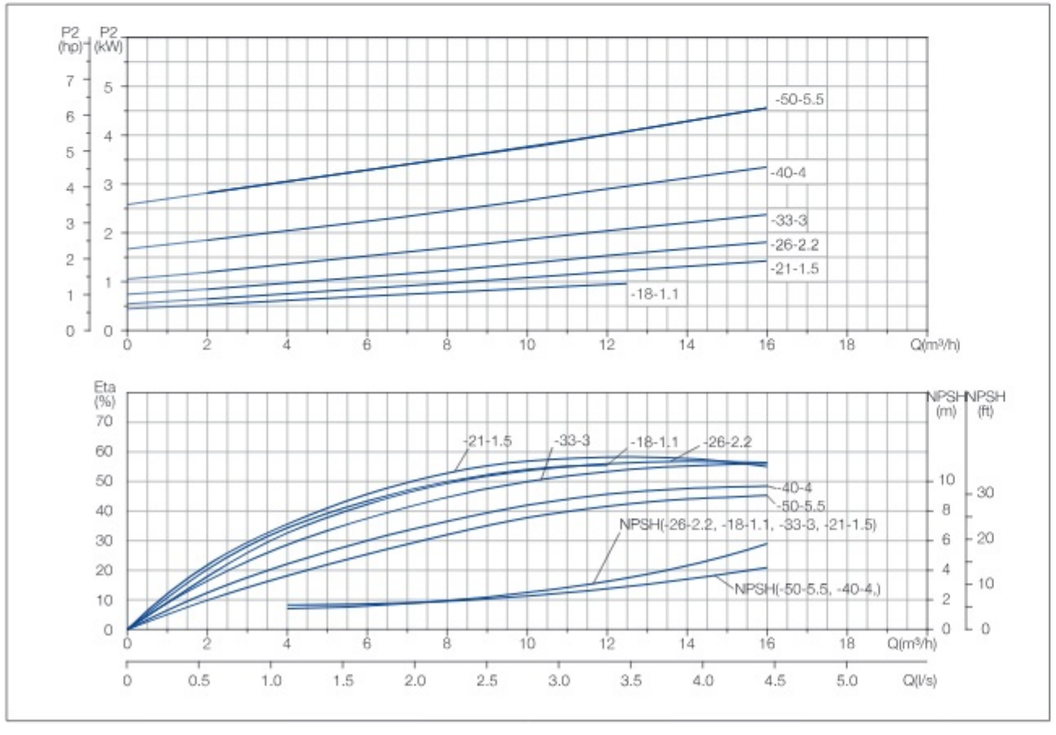
The maximum suction height "H" can be calculated as follows:
H=Pbx10.2-NPSH-Hf-Hv-Hs
Pb is atmospheric pressure in bar
(Can be set to 1bar, in closed system, Pb is system pressure)
NPSH is the net positive suction head of the pump in m; the corresponding value at maximum flow can be read in the graph
Hf is the suction line resistance loss in m (at the maximum flow of the pump)
Hv is the vaporization pressure in m (can be read from the vaporization pressure gauge. Its value depends on the liquid temperature "tm")
Hs is the minimum safety margin of 0.5m
If the calculated "H" is positive, the pump can operate at a maximum suction height of "H"
If the calculated "H" is negative, the pump requires a minimum "H" inlet pressure



NOTE: To avoid cavitation, the pump should be rated away from the right side of the NPSH curve. Always check the NPSH value of the pump at the highest possible flow

PERFORMANCE CURVES

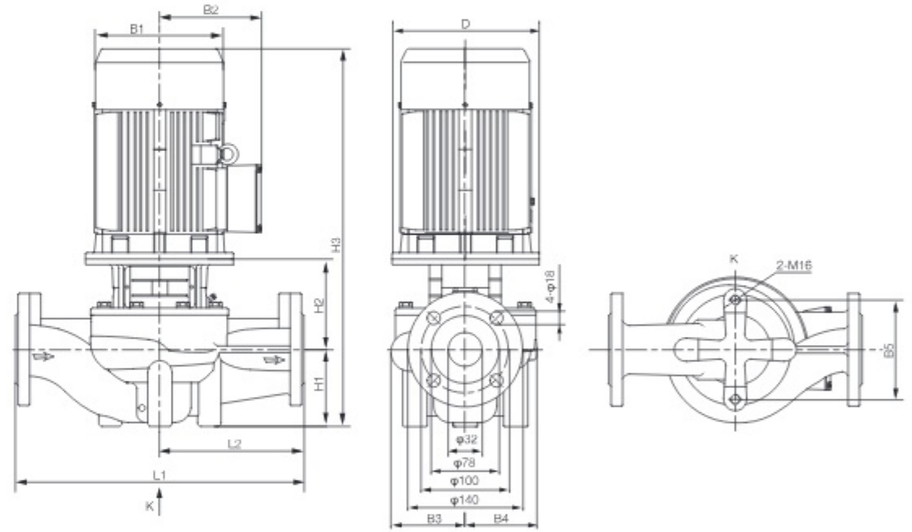




TECHNICAL TABLE

Model	Power (kW)	Q[m³/h]	2	4	6	8	10	12.5	14	16
DP32-18-1.1/2	1.1	H(m)	19.6	19.3	18.9	18	17.2	15.6	-	-
DP32-21-1.5/2	1.5		25.3	24.9	24.3	23.6	22.6	21	19.9	18
DP32-26-2.2/2	2.2		28.3	28.2	28	27.5	26.7	26	23.6	20.7
DP32-33-3/2	3		34.3	34.2	33.9	33.6	33.1	33	30.8	28.2
DP32-40-4/2	4		41.3	41.2	41.1	41	40.7	40	39.1	37
DP32-50-5.5/2	5.5		51	50.9	50.8	50.7	50.5	50	49.2	47.3

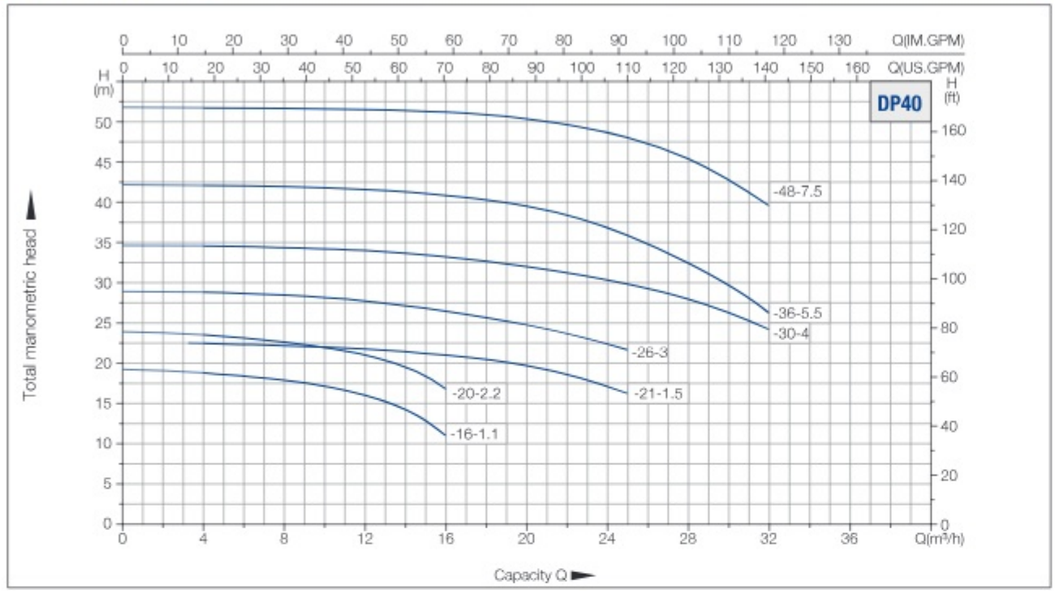
DIMENSION DRAWING

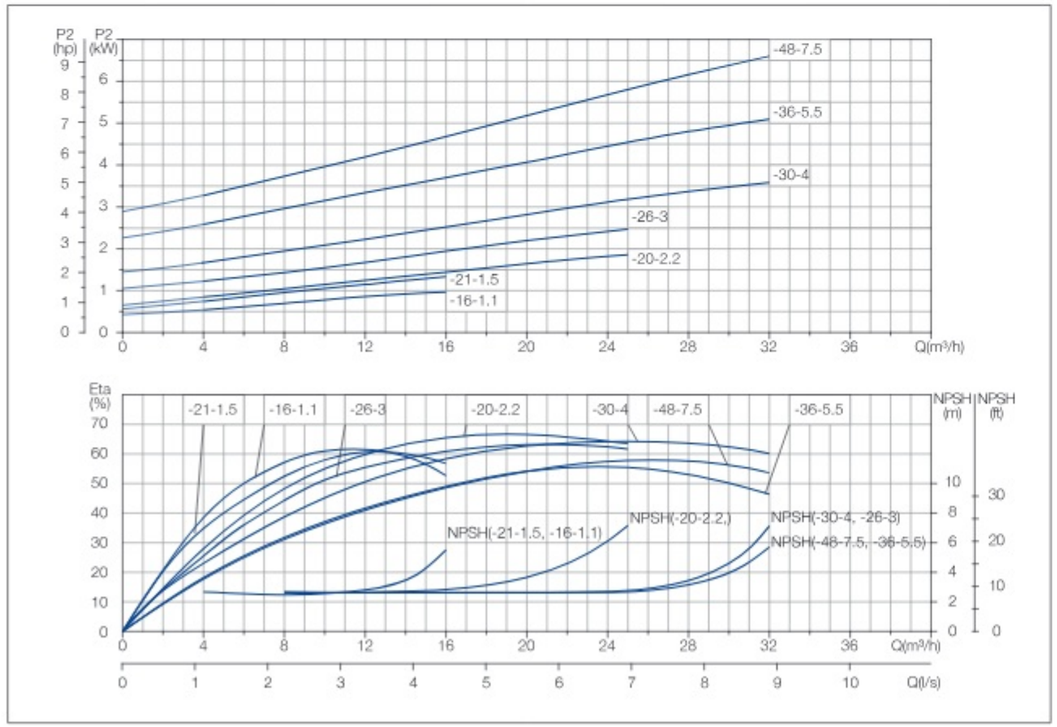


SIZE AND WEIGHT

Model	Size[mm]											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
DP32-18-1.1/2	120	170	142	125	117	144	100	189	540	340	170	36
DP32-21-1.5/2	140	190	155	125	117	144	100	199	592	340	170	40
DP32-26-2.2/2	140	190	155	125	117	144	100	199	592	340	170	42
DP32-33-3/2	160	197	165	125	117	144	100	205	619	340	170	48
DP32-40-4/2	160	230	188	144	144	144	100	207	642	440	220	64
DP32-50-5.5/2	200	260	208	144	144	144	100	227	737	440	220	85

PERFORMANCE CURVES

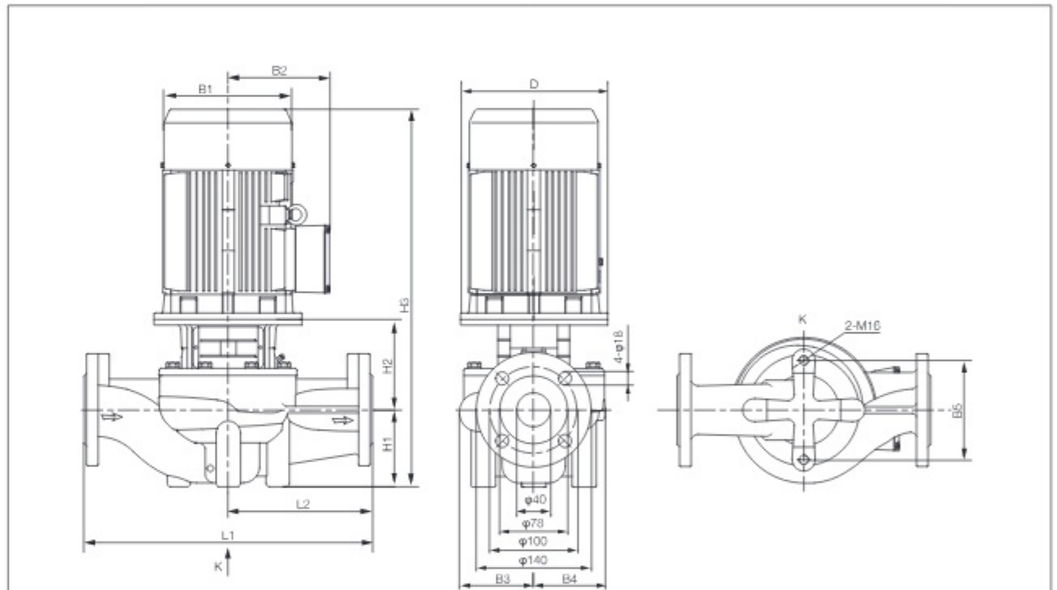




TECHNICAL TABLE

Model	Power (kW)	Q[m³/h]	4	8	12.5	16	20	25	28	32
DP40-16-1.1/2	1.1	H(m)	19.1	18.2	16	11.4	-	-	-	-
DP40-21-1.5/2	1.5		23.8	22.9	21	17.2	-	-	-	-
DP40-20-2.2/2	2.2		22.7	22.5	22	21.3	20	16.6	-	-
DP40-26-3/2	3		27.7	27.5	27.1	26.4	25	22.5	-	-
DP40-30-4/2	4		34.7	34.5	34.1	33.4	32.2	30	28.2	24.5
DP40-36-5.5/2	5.5		42.1	42	41.5	40.9	39.6	36	32.6	26.5
DP40-48-7.5/2	7.5		51.6	51.6	51.4	51.1	50.3	48	45.4	39.6

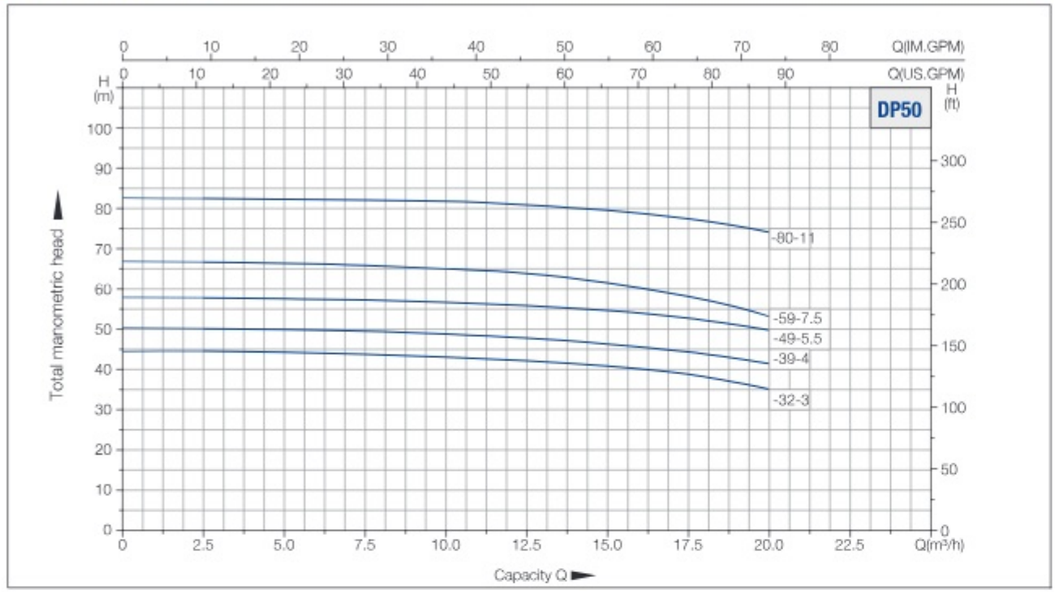
DIMENSION DRAWING

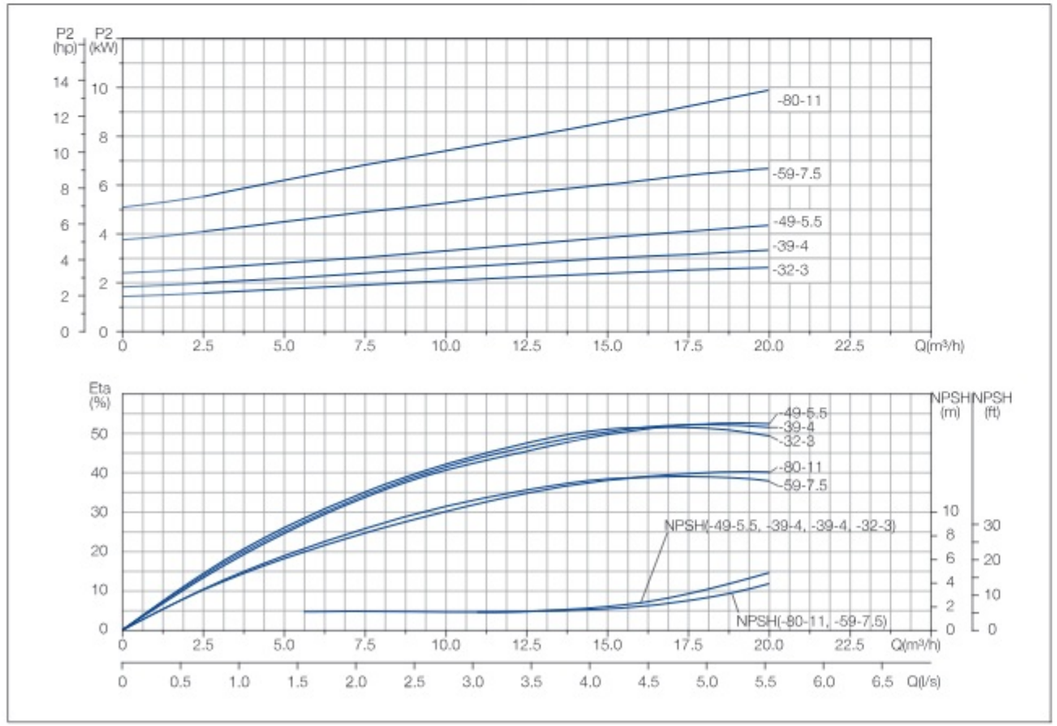


SIZE AND WEIGHT

Model	Size[mm]											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
DP40-16-1.1/2	120	170	142	97	96	120	68	178	497	320	160	31
DP40-21-1.5/2	140	190	155	97	96	120	68	188	549	320	160	36
DP40-20-2.2/2	140	190	155	110	95	144	100	195	588	320	160	40
DP40-26-3/2	160	197	165	127	115	144	100	207	621	340	170	52
DP40-30-4/2	160	230	188	127	115	144	100	207	642	340	170	62
DP40-36-5.5/2	200	260	208	138	125	144	110	227	747	440	220	86
DP40-48-7.5/2	200	260	208	138	125	144	110	227	747	440	220	95

PERFORMANCE CURVES

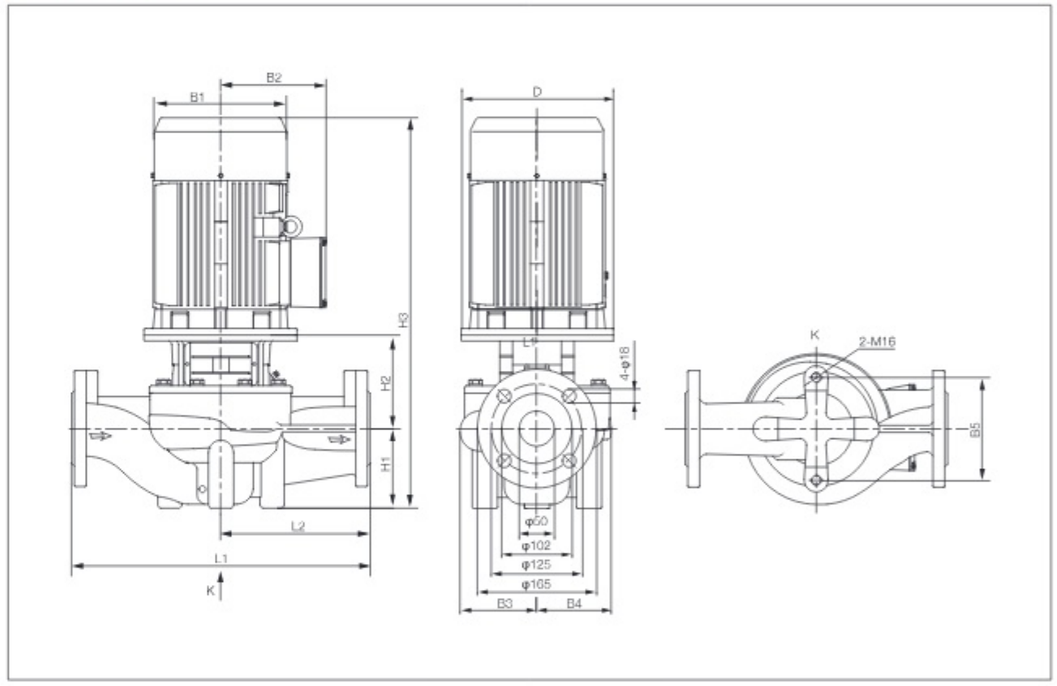




TECHNICAL TABLE

Model	Power (kW)	Q[m³/h]	2.5	5	7.5	10	12.5	15	17.5	20
DP50-32-3/2	3	H(m)	35	34.6	34	33.2	32	30.5	27.9	23.3
DP50-39-4/2	4		40.8	40.6	40.2	39.2	39	36.2	33.9	30.4
DP50-49-5.5/2	5.5		51.6	51.2	50.7	50	49	47.5	45	41.5
DP50-59-7.5/2	7.5		62.4	62.1	61.4	60.3	59	56.1	51.9	45.7
DP50-80-11/2	11		81.9	81.7	81.5	81.1	80	78.3	75.7	71.6

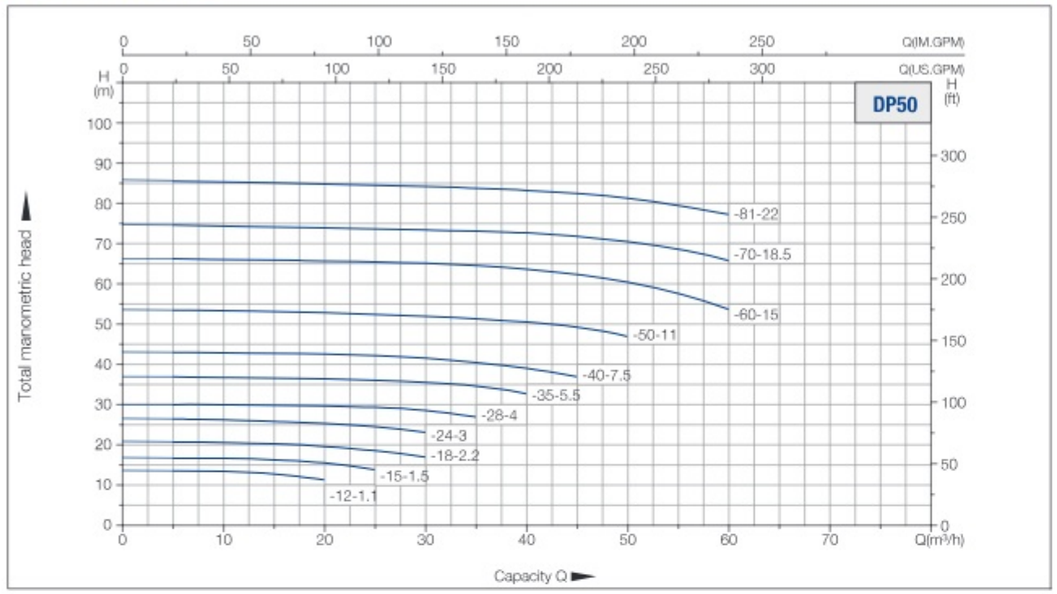
DIMENSION DRAWING

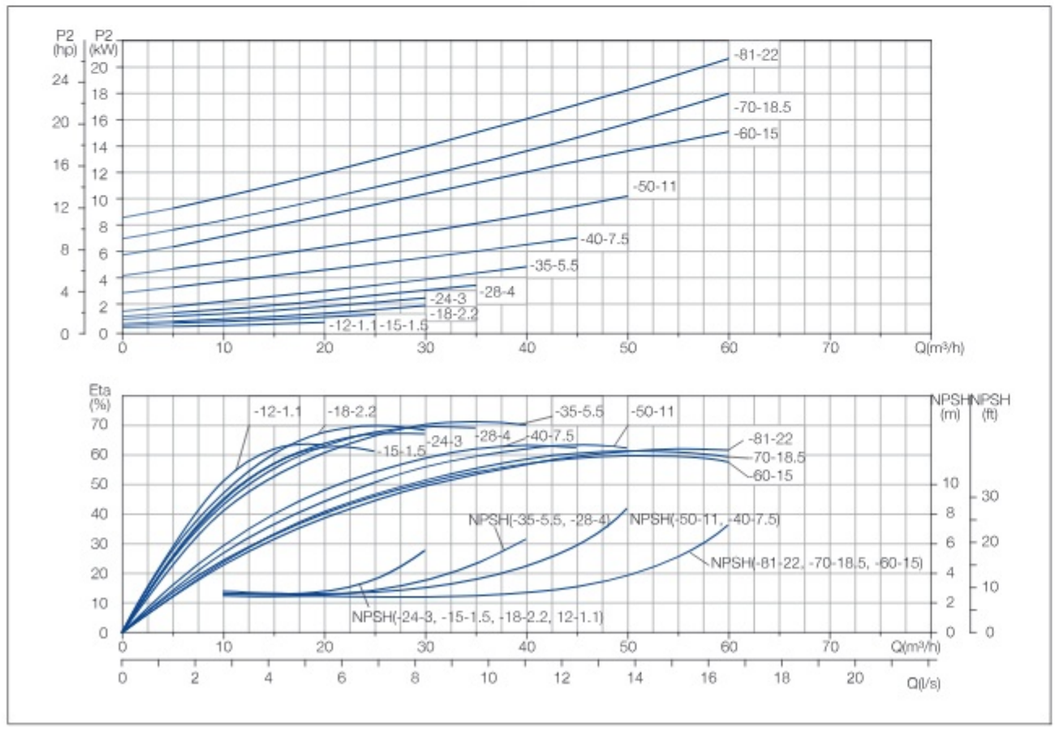


SIZE AND WEIGHT

Model	Size[mm]											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
DP50-32-3/2	160	197	165	128	128	144	105	181	600	400	200	58
DP50-39-4/2	160	230	188	128	128	144	105	181	621	400	200	68
DP50-49-5.5/2	200	260	208	128	128	144	105	201	716	400	200	85
DP50-59-7.5/2	200	257	190	163	128	144	105	178	666	440	220	112
DP50-80-11/2	350	314	261	163	163	144	105	222	783	440	220	184

PERFORMANCE CURVES

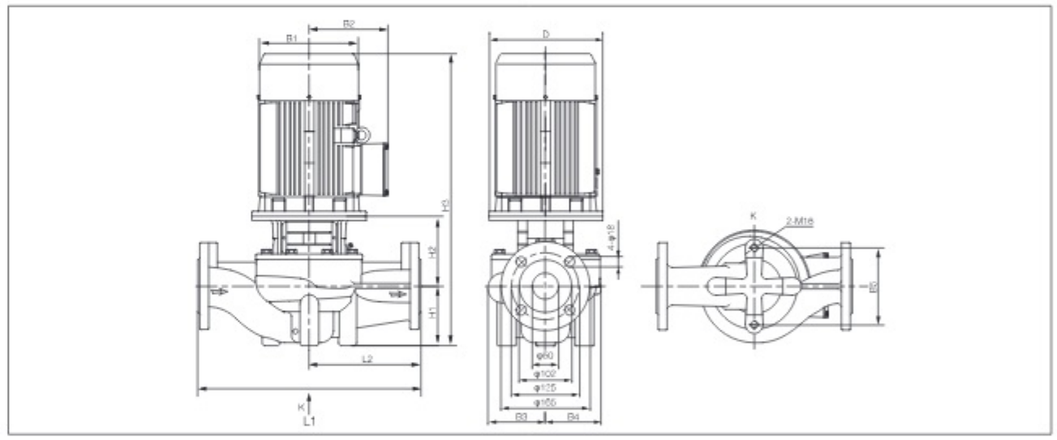




TECHNICAL TABLE

Model	Power (kW)	Q[m³/h]	5	10	16	20	25	30	35	40	45	50	60
DP50-12-1.1/2	1.1		13	12.9	12	10.7	-	-	-	-	-	-	-
DP50-15-1.5/2	1.5		16.1	16.1	15.6	15	13.3	-	-	-	-	-	-
DP50-18-2.2/2	2.2		20.2	20	19.6	19	18	16.4	-	-	-	-	-
DP50-24-3/2	3		25.9	25.7	25.2	24.8	24	22.6	-	-	-	-	-
DP50-28-4/2	4		29.5	29.5	29.3	29.2	28.8	28	26.4	-	-	-	-
DP50-35-5.5/2	5.5	H(m)	36.3	36.2	36	35.9	35.5	35	34.1	32.2	-	-	-
DP50-40-7.5/2	7.5		42.5	42.4	42.2	42.1	41.7	41	40	38.5	36.4	-	-
DP50-50-11/2	11		53	52.9	52.6	52.4	52	51.5	50.9	50	48.7	46.4	-
DP50-60-15/2	15		65.8	65.7	65.7	65.6	65.3	64.7	63.9	62.8	61.6	60	53.2
DP50-70-18.5/2	18.5		73.7	73.6	73.4	73.3	73.1	72.9	72.5	72	71.2	70	65.4
DP50-81-22/2	22		85.5	85.3	85	84.8	84.5	84	83.5	82.8	82.1	81	77.1

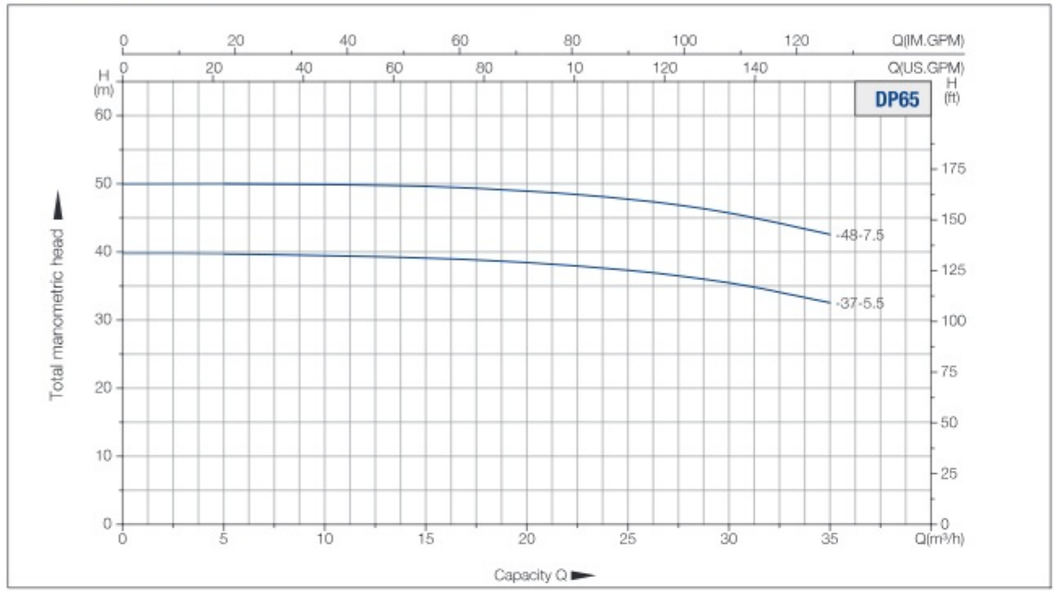
DIMENSION DRAWING

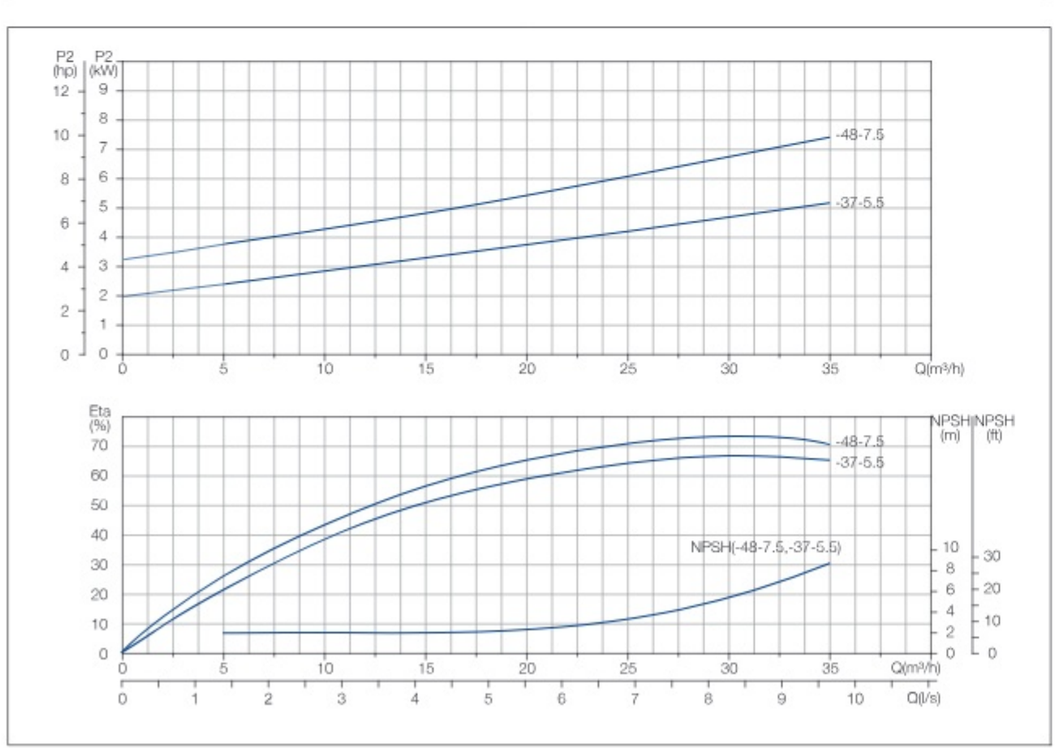


SIZE AND WEIGHT

Model	Size(mm)											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
DP50-12-1.1/2	120	170	142	117	115	144	105	174	530	340	170	36
DP50-15-1.5/2	140	190	155	117	115	144	105	174	572	340	170	42
DP50-18-2.2/2	140	190	155	117	115	144	105	174	572	340	170	44
DP50-24-3/2	160	197	165	117	115	144	105	184	603	340	170	50
DP50-28-4/2	160	230	188	129	115	144	105	198	648	340	170	64
DP50-35-5.5/2	200	260	208	129	115	144	105	218	742	340	170	83
DP50-40-7.5/2	200	260	208	171	158	144	105	215	740	400	220	98
DP50-50-11/2	350	330	255	171	158	144	105	245	902	400	220	172
DP50-60-15/2	350	330	255	171	158	144	115	245	935	440	220	182
DP50-70-18.5/2	350	330	255	171	158	144	115	245	935	440	220	196
DP50-81-22/2	350	360	280	171	158	144	115	245	965	440	220	238

PERFORMANCE CURVES

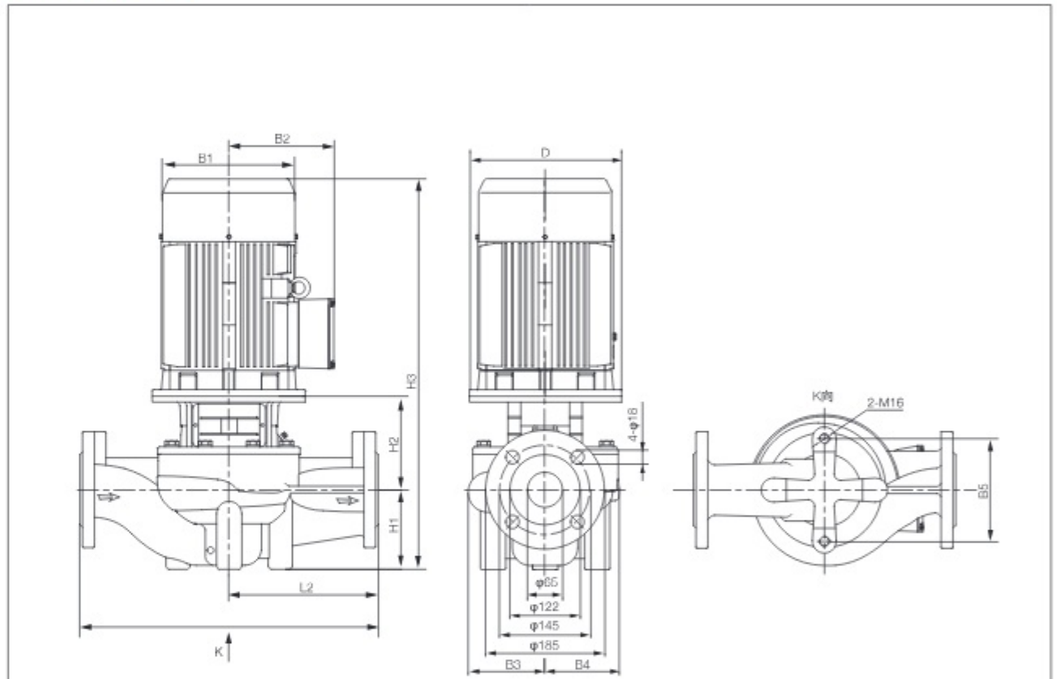




TECHNICAL TABLE

Model	Power (kW)	Q[m³/h]	5	10	15	20	25	30	35
DP65-37-5.5/2	5.5	H(m)	39.2	39.1	38.9	38.2	37	35	32.1
DP65-48-7.5/2	7.5		50.4	50.3	50	49.3	48	45.9	42.6

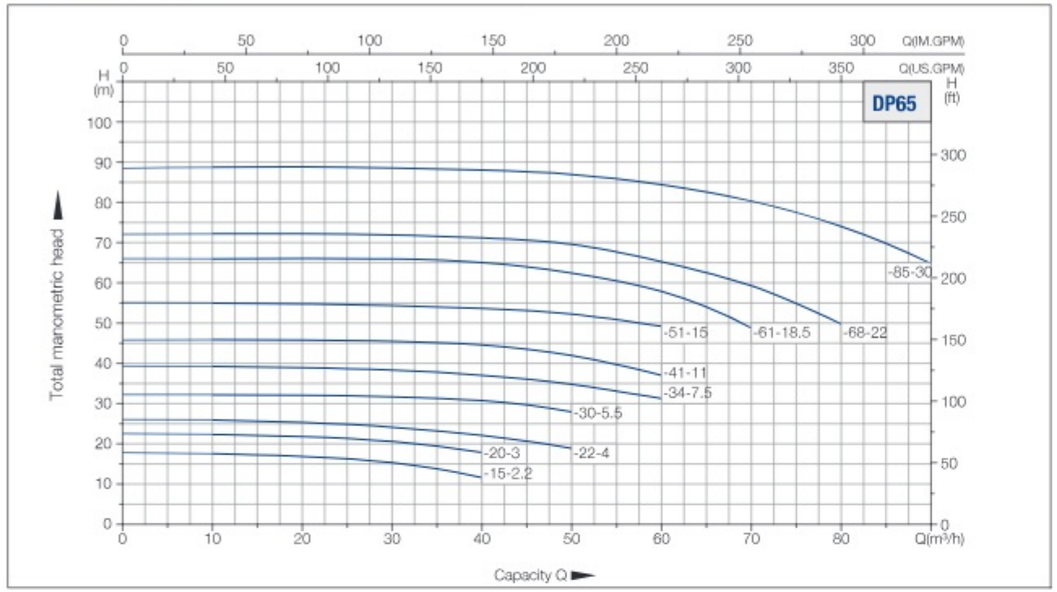
DIMENSION DRAWING

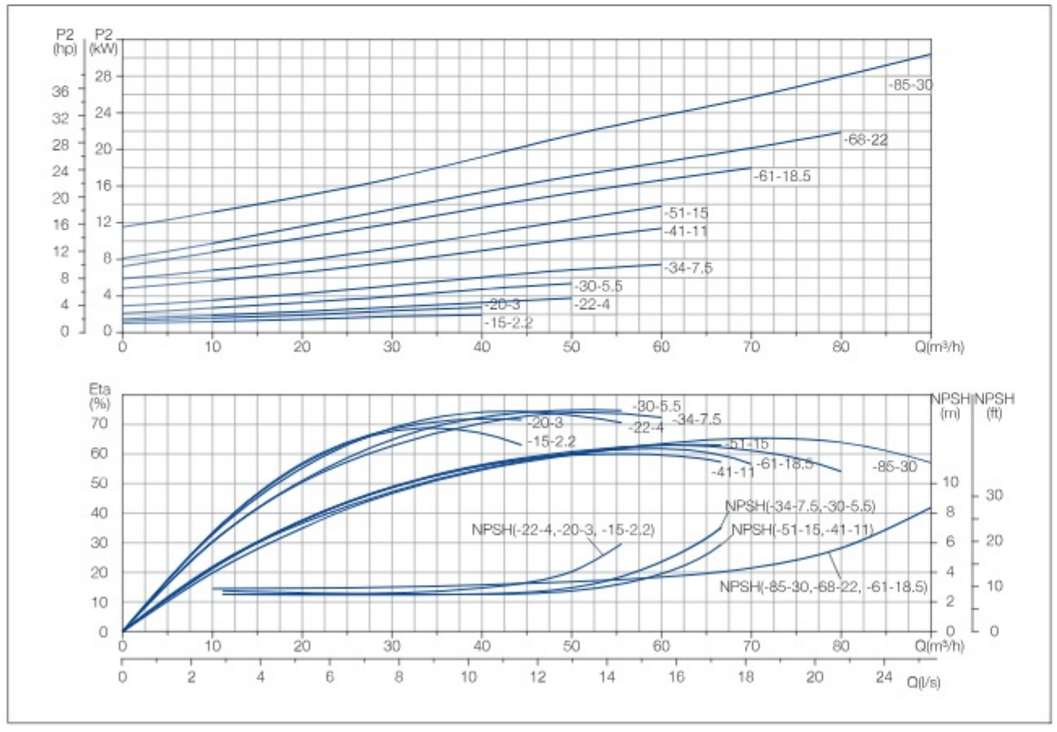


SIZE AND WEIGHT

Model	Size[mm]											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
DP65-37-5.5/2	200	260	208	128	128	144	105	209	724	400	200	87
DP65-48-7.5/2	200	260	208	128	128	144	105	209	724	400	200	94

PERFORMANCE CURVES

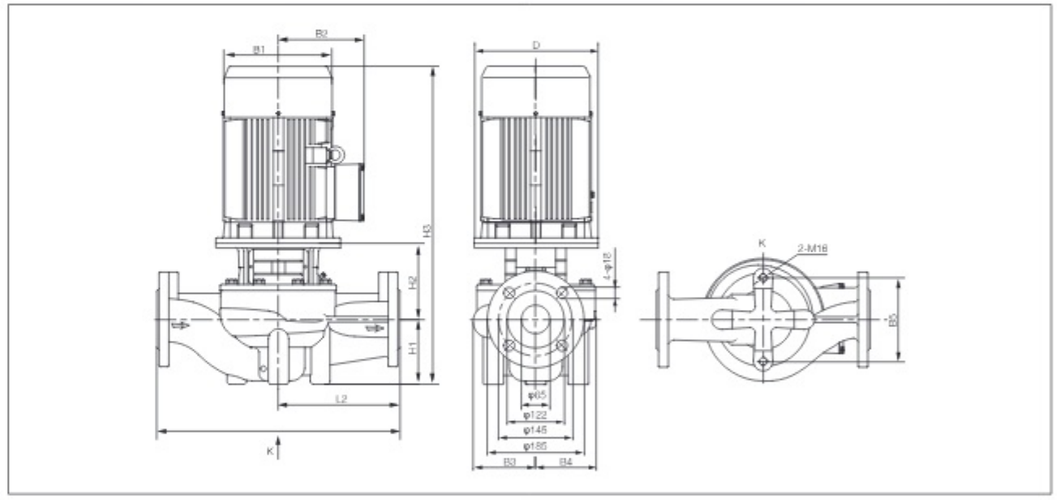




TECHNICAL TABLE

Model	Power (kW)	Q[m³/h]	10	20	30	40	50	60	70	80	90
DP65-15-2.2/2	2.2	H(m)	17.1	16.4	15	11.3	-	-	-	-	-
DP65-20-3/2	3		21.7	20.8	20	17.4	-	-	-	-	-
DP65-22-4/2	4		25.1	24.7	23.9	22	18.4	-	-	-	-
DP65-30-5.5/2	5.5		31.5	31.3	31	30	27.3	-	-	-	-
DP65-34-7.5/2	7.5		38.3	38	37.4	36.1	34	30.5	-	-	-
DP65-41-11/2	11		44.8	44.7	44.4	43.5	41	36.1	-	-	-
DP65-51-15/2	15		53.6	53.3	52.7	51.6	51	47.3	-	-	-
DP65-61-18.5/2	18.5		64.5	64.6	64.4	63.5	61	56.5	47.6	-	-
DP65-68-22/2	22		70.5	70.5	70.3	69.6	68	63.8	58	48.6	-
DP65-85-30/2	30		86.7	86.7	86.5	86	85	82.5	78.5	72.4	63.3

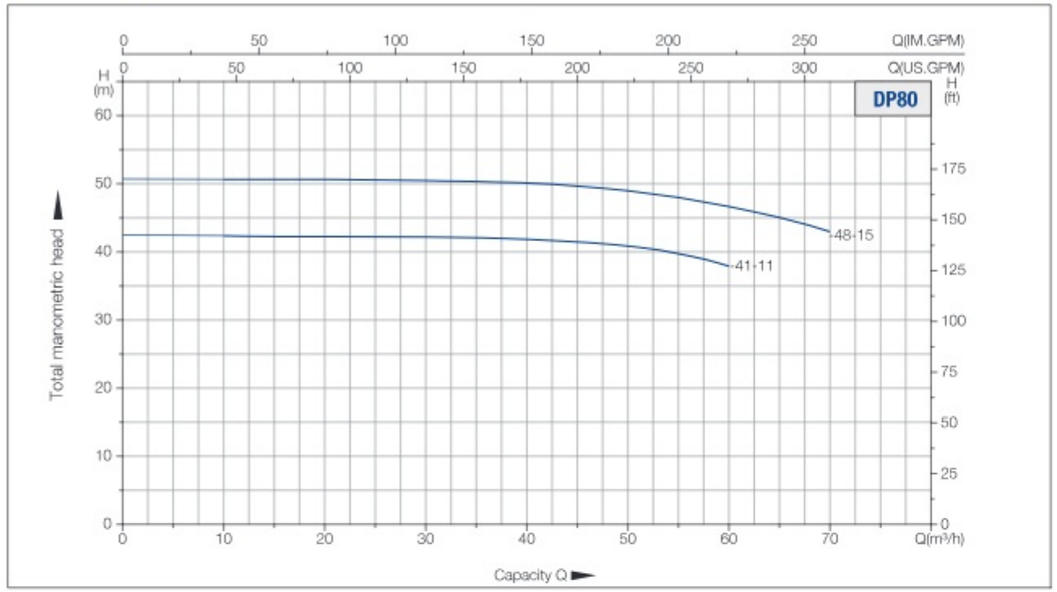
DIMENSION DRAWING

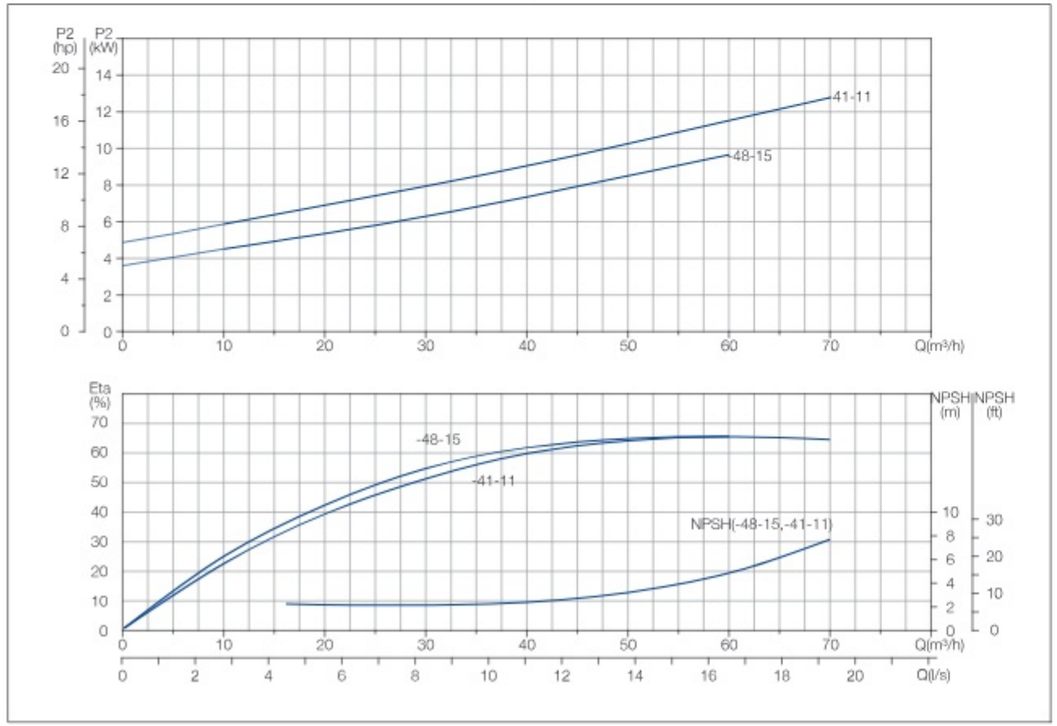


SIZE AND WEIGHT

Model	Size[mm]											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
DP65-15-2.2/2	140	190	155	142	124	144	105	193	591	360	180	48
DP65-20-3/2	160	197	165	142	124	144	105	203	622	360	180	57
DP65-22-4/2	160	230	188	142	124	144	105	203	643	360	180	65
DP65-30-5.5/2	200	260	208	142	124	144	105	223	738	360	180	84
DP65-34-7.5/2	200	260	208	142	124	144	105	223	738	360	180	91
DP65-41-11/2	350	330	255	179	167	144	125	257	924	475	238	178
DP65-51-15/2	350	330	255	179	167	144	125	257	957	475	238	190
DP65-61-18.5/2	350	330	255	179	167	144	125	257	957	475	238	202
DP65-68-22/2	350	330	280	179	167	144	125	257	987	475	238	242
DP65-85-30/2	400	400	305	179	167	144	125	257	1047	475	238	298

PERFORMANCE CURVES

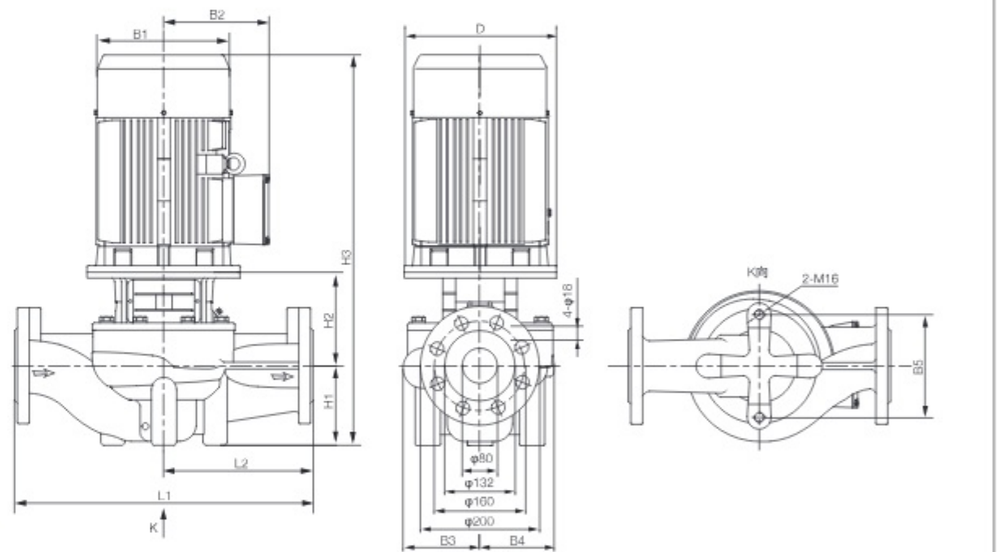




TECHNICAL TABLE

Model	Power (kW)	Q[m³/h]	10	20	30	40	50	60	70
DP80-41-11/2	11	H(m)	42.8	42.8	42.7	41.8	41	36.5	-
DP80-48-15/2	15		49.4	49.4	49.3	49	48	46	42.8

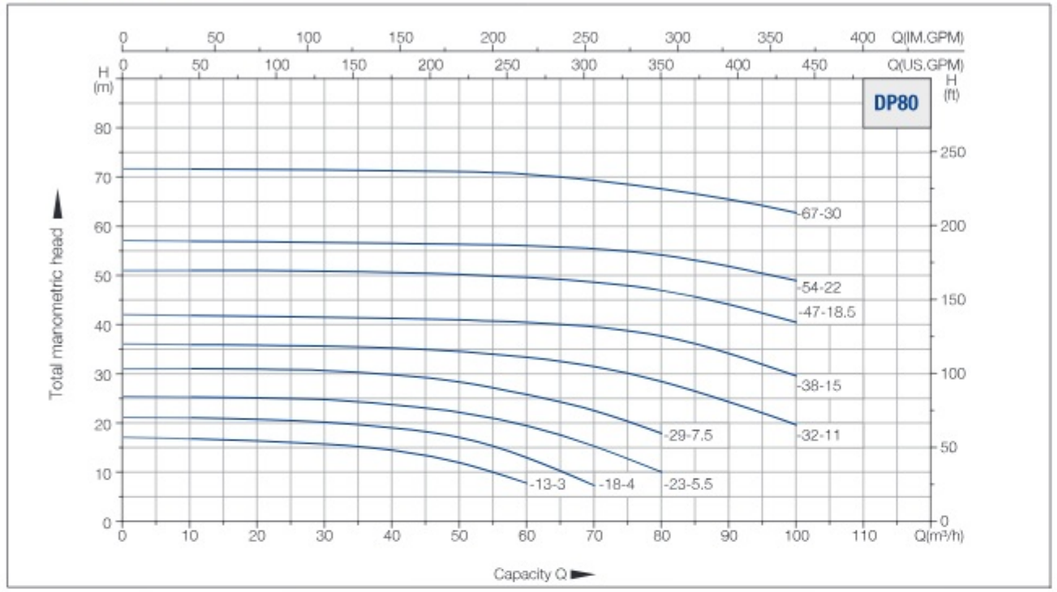
DIMENSION DRAWING

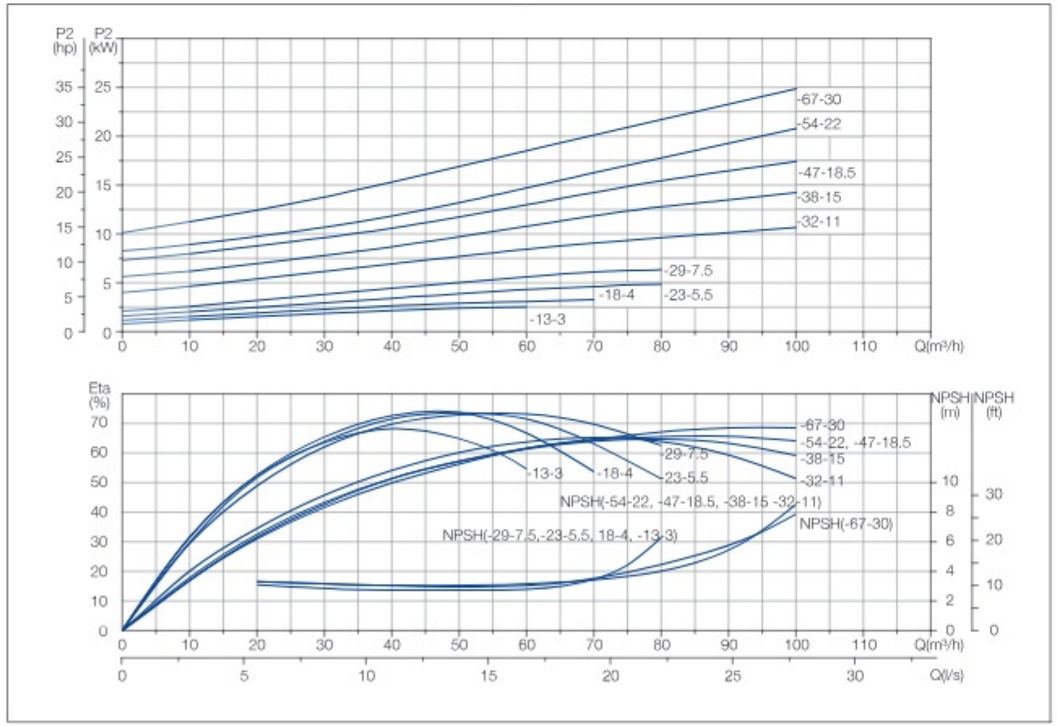


SIZE AND WEIGHT

Model	Size[mm]											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
DP80-41-11/2	350	330	255	137	128	144	115	235	892	500	250	172
DP80-48-15/2	350	330	255	137	128	144	115	235	925	500	250	183

PERFORMANCE CURVES

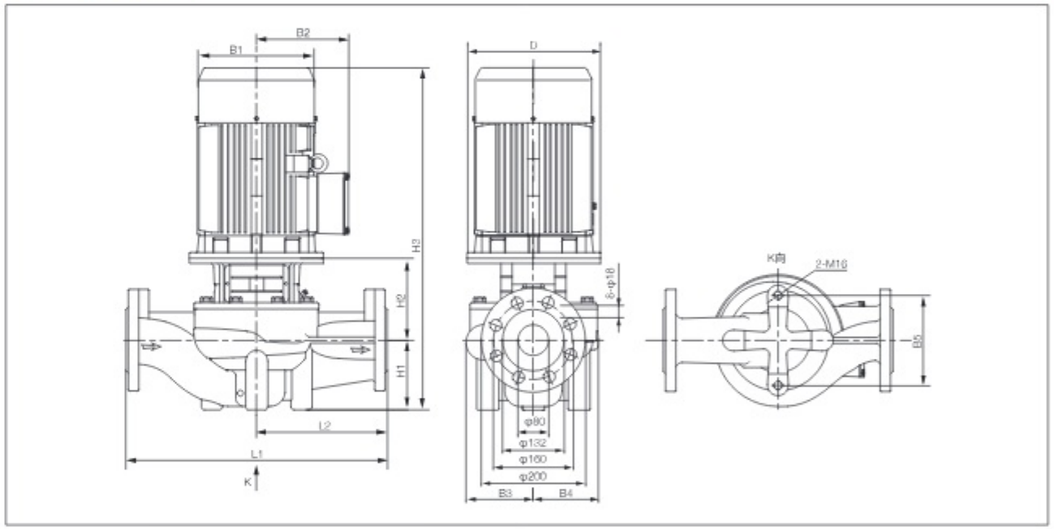




TECHNICAL TABLE

Model	Power (kW)	Q[m³/h]	10	20	30	40	50	60	70	80	90	100
DP80-13-3/2	3	H(m)	17.8	17.4	16.7	15.5	13	9.1	-	-	-	-
DP80-18-4/2	4		21.9	21.7	21	19.9	18	14	8.6	-	-	-
DP80-23-5.5/2	5.5		28.2	28	27	25.2	23	19.5	13.9	7.1	-	-
DP80-29-7.5/2	7.5		33	32.8	32.1	30.9	29	26.7	23.2	17.8	-	-
DP80-32-11/2	11		36.2	36.2	36	35.6	34.9	33.8	32	28.7	24.4	19.3
DP80-38-15/2	15		42.1	41.9	41.7	41.5	41.2	40.7	39.8	38	34.6	30.1
DP80-47-18.5/2	18.5		50.9	50.9	50.8	50.6	50.2	49.6	48.6	47	44.3	40.7
DP80-54-22/2	22		56.7	56.6	56.5	56.3	56.1	55.8	55.3	54	51.7	49
DP80-67-30/2	30		71	70.9	70.8	70.6	70.4	69.9	68.7	67	65	62.3

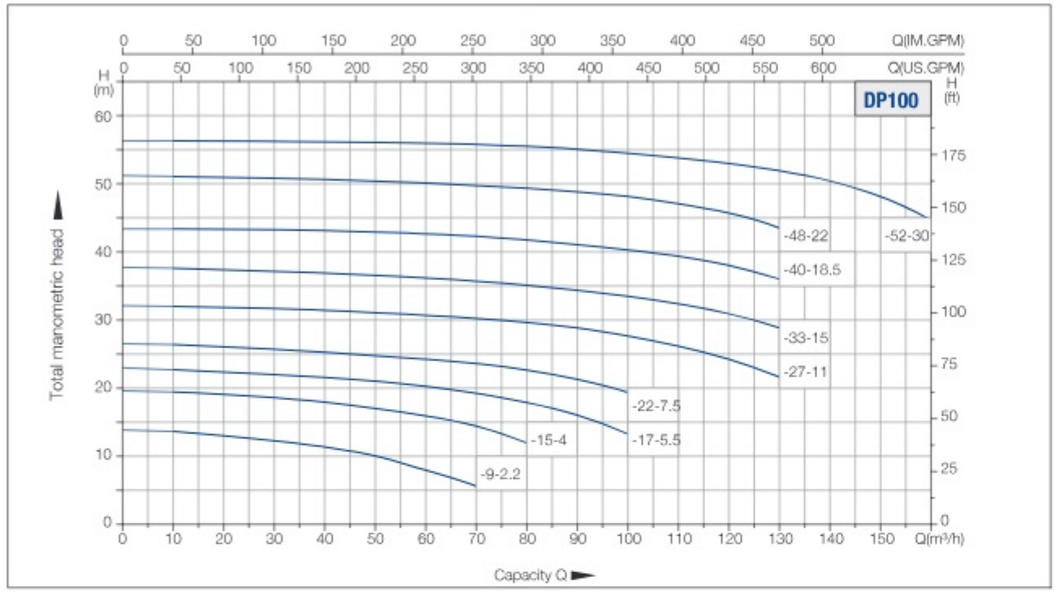
DIMENSION DRAWING

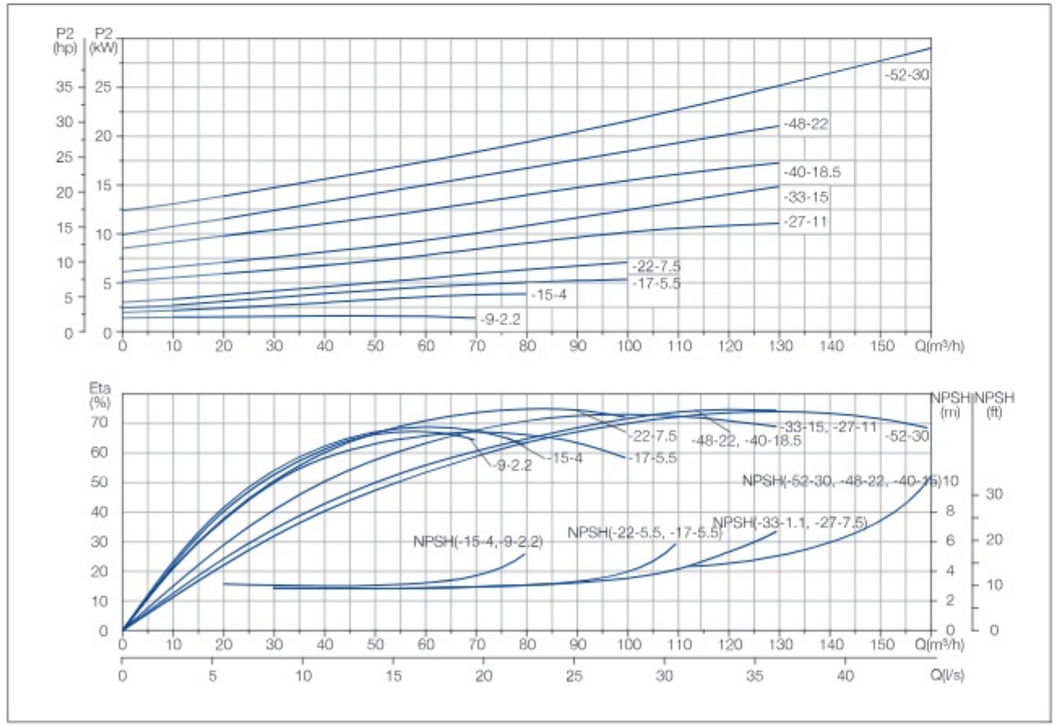


SIZE AND WEIGHT

Model	Size[mm]											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
DP80-13-3/2	160	197	165	142	124	160	97	243	654	450	225	64
DP80-18-4/2	160	230	188	142	124	160	97	243	675	450	225	72
DP80-23-5.5/2	200	260	208	142	124	160	97	263	770	450	225	90
DP80-29-7.5/2	200	260	208	142	124	160	97	263	770	450	225	100
DP80-32-11/2	350	330	255	182	163	144	115	274	931	500	250	184
DP80-38-15/2	350	330	255	182	163	144	115	274	964	500	250	192
DP80-47-18.5/2	350	330	255	182	163	144	115	274	964	500	250	208
DP80-54-22/2	350	330	280	182	163	144	115	274	997	500	250	244
DP80-67-30/2	400	400	305	182	163	144	115	274	1054	500	250	302

PERFORMANCE CURVES

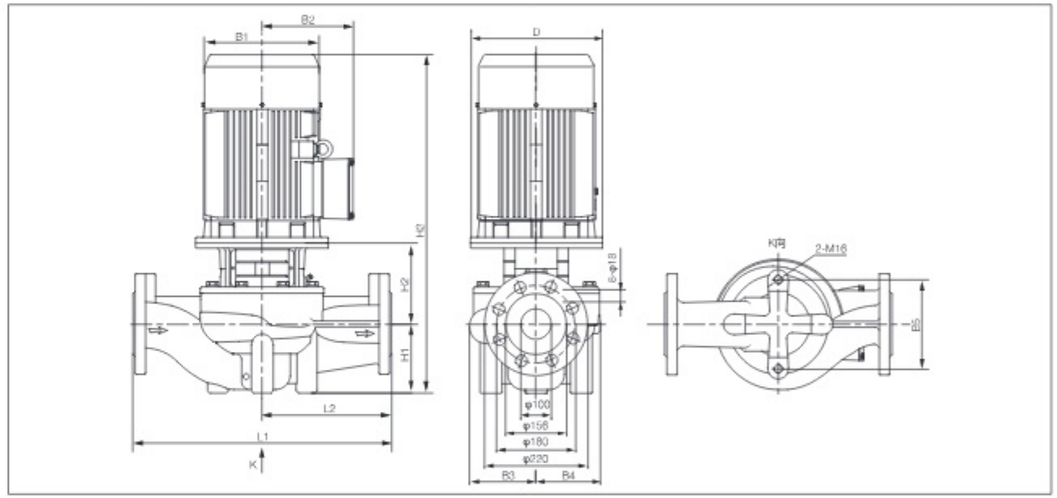




TECHNICAL TABLE

Model	Power (kW)	Q[m³/h]	10	20	30	40	50	60	70	80	90	100	110	120	130	145	160
DP100-9-2.2/2	2.2	H(m)	13.9	13.2	12.2	10.8	9	6.8	4.4	-	-	-	-	-	-	-	-
DP100-15-4/2	4		18.6	18.2	17.7	17.1	16.2	15	13.4	11	-	-	-	-	-	-	-
DP100-17-5.5/2	5.5		21.9	21.6	21.2	20.8	20	19.4	18.4	17	15.1	12.3	-	-	-	-	-
DP100-22-7.5/2	7.5		25.7	25.5	25	24.6	24.1	23.6	22.9	21.9	20.5	18.6	-	-	-	-	-
DP100-27-11/2	11		31.5	31.3	31.1	30.9	30.7	30.3	29.8	29.2	28.2	27	25.5	23.6	20.8	-	-
DP100-33-15/2	15		37.1	37	36.8	36.6	36.2	35.8	35.3	34.7	33.9	33	31.7	30.1	27.9	-	-
DP100-40-18.5/2	18.5		43.3	43.2	43.1	42.9	42.7	42.4	42.1	41.6	40.9	40	38.9	37.4	35.3	-	-
DP100-48-22/2	22		51.2	51.1	51	50.8	50.6	50.3	49.9	49.4	48.8	48	46.9	45.3	43.2	-	-
DP100-52-30/2	30		55.3	55.3	55.3	55.3	55.2	55.1	54.8	54.6	54.4	54.2	53.8	53.1	52	49	43.5

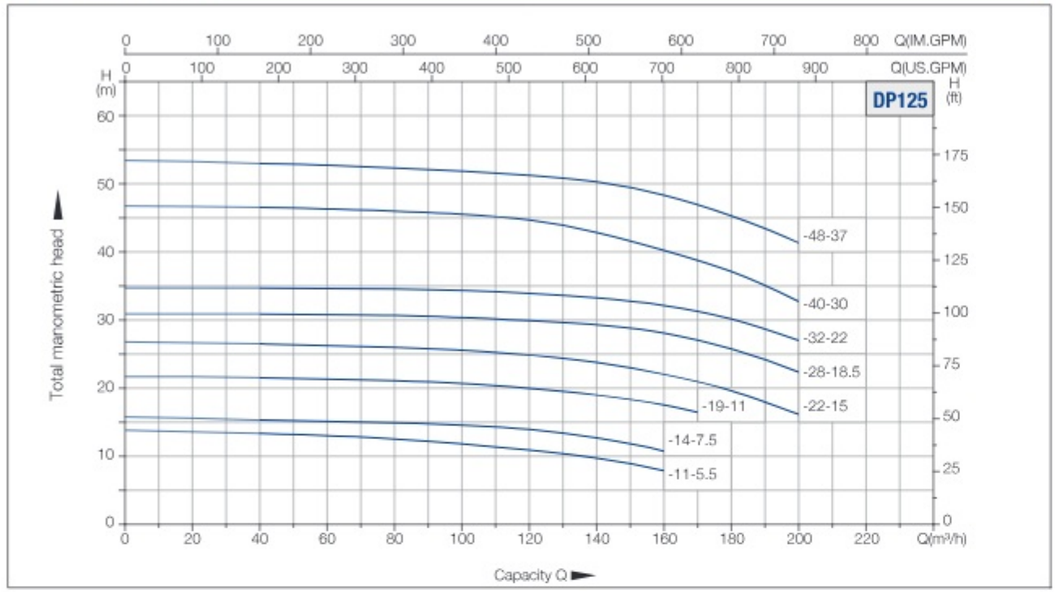
DIMENSION DRAWING

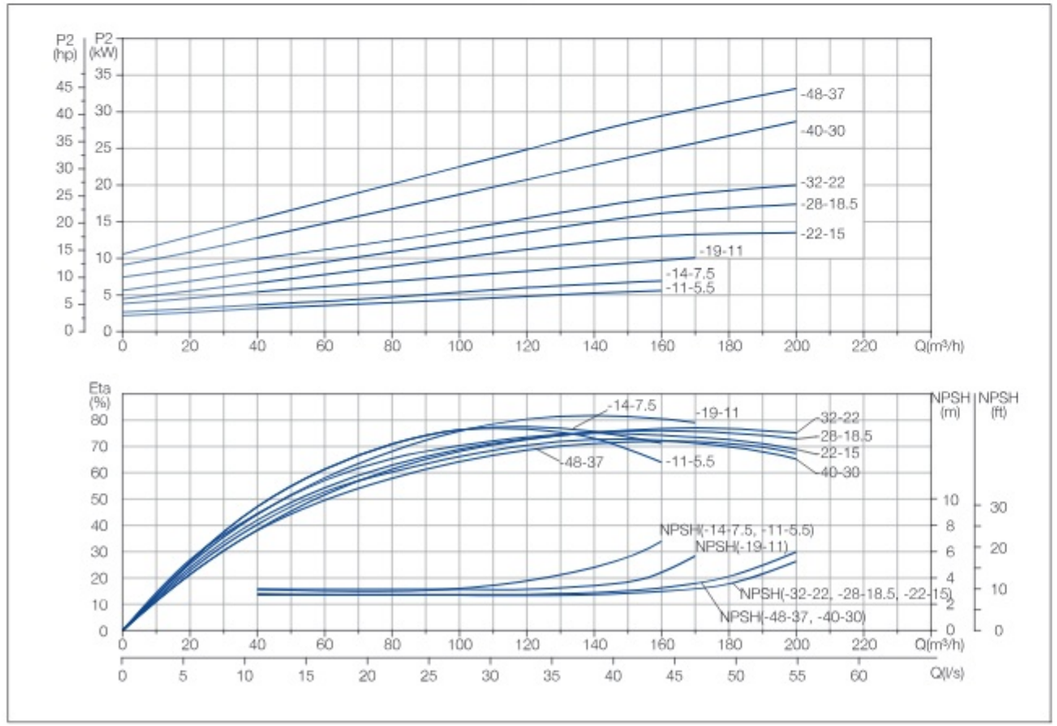


SIZE AND WEIGHT

Model	Size[mm]											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
DP100-9-2.2/2	140	175	155	134	101	160	105	211	609	450	225	54
DP100-15-4/2	160	215	190	134	101	160	105	212	652	450	225	70
DP100-17-5.5/2	200	260	205	150	117	144	140	237	787	500	250	98
DP100-22-7.5/2	200	260	205	150	117	144	140	237	787	500	250	106
DP100-27-11/2	350	350	255	147	123	144	140	252	934	550	275	184
DP100-33-15/2	350	350	255	147	123	144	140	252	967	550	275	194
DP100-40-18.5/2	350	350	255	181	152	230	140	266	981	550	275	216
DP100-48-22/2	350	350	280	181	152	230	140	266	1011	550	275	258
DP100-52-30/2	400	400	305	181	152	230	140	266	1071	550	275	312

PERFORMANCE CURVES

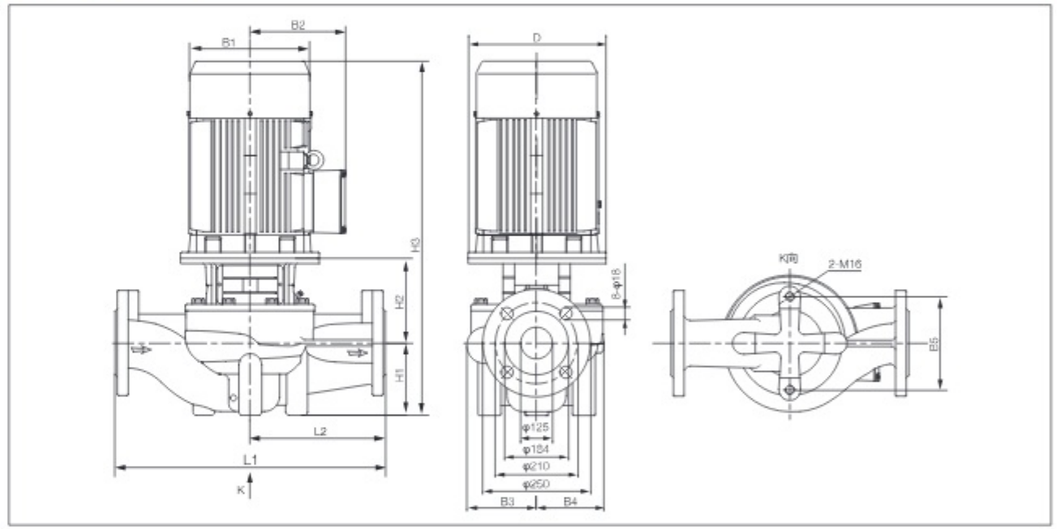




TECHNICAL TABLE

Model	Power (kW)	Q[m³/h]	40	60	80	100	120	140	160	180	200
DP125-11-5.5/4	5.5	H(m)	13.4	13.1	12.6	11.9	11	9.8	8.1	-	-
DP125-14-7.5/4	7.5		15.4	15.2	15	14.7	14	12.8	10.9	-	-
DP125-19-11/4	11		21.5	21.3	21	20.6	19.9	19	17.6	16.5	14.1
DP125-22-15/4	15		26.7	26.5	26.2	25.7	24.9	23.7	22	19.8	16.7
DP125-28-18.5/4	18.5		30.9	30.8	30.7	30.5	30.1	29.3	28	25.8	22.2
DP125-32-22/4	22		34.6	34.6	34.5	34.4	34	33.3	32	30.2	27.3
DP125-40-30/4	30		46.2	46	45.7	45.2	44.3	42.5	40	36.9	32.5
DP125-48-37/4	37		52.6	52.3	51.9	51.5	50.9	49.9	48	45	41.1

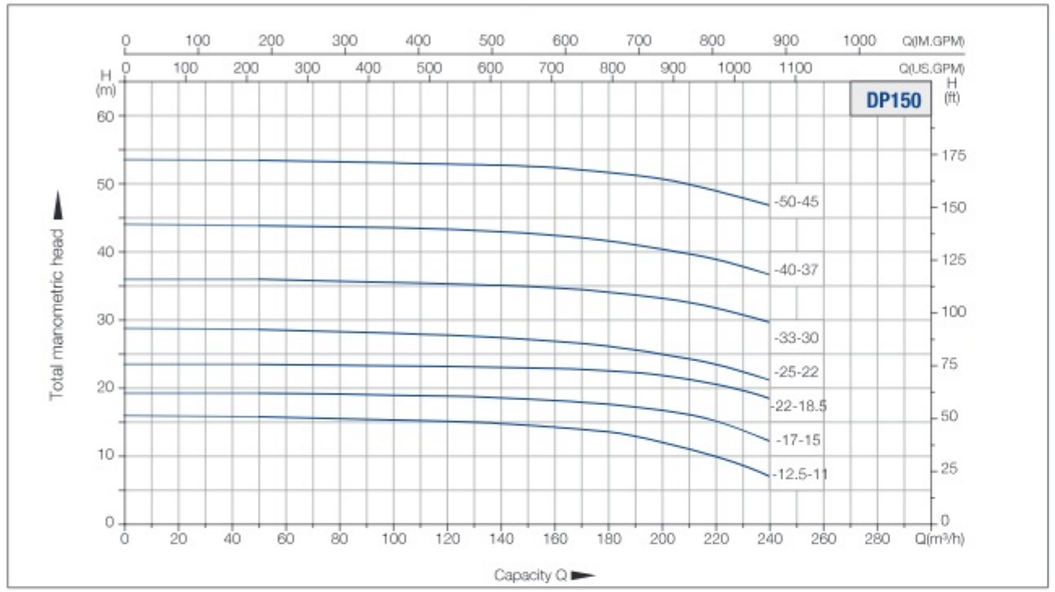
DIMENSION DRAWING

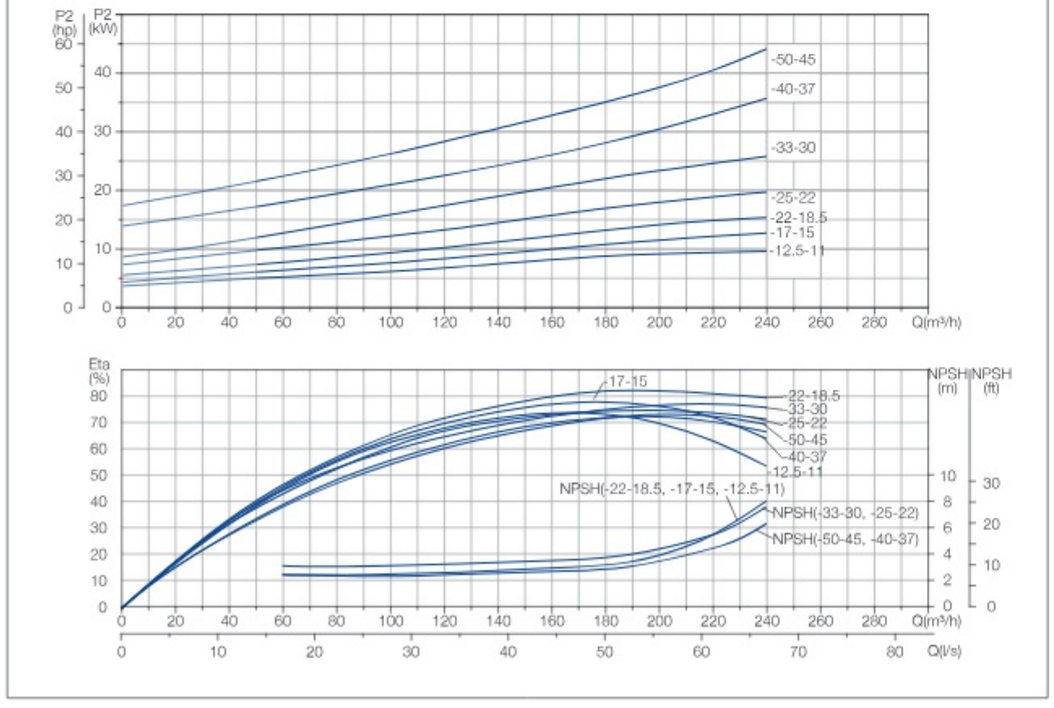


SIZE AND WEIGHT

Model	Size[mm]											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
DP125-11-5.5/4	200	260	208	216	176	230	215	256	887	620	310	142
DP125-14-7.5/4	200	260	208	216	176	230	215	256	887	620	310	152
DP125-19-11/4	350	330	255	211	177	230	215	297	1054	800	400	258
DP125-22-15/4	350	330	255	236	208	230	215	297	1087	800	400	310
DP125-28-18.5/4	350	330	280	236	208	230	215	316	1106	800	400	350
DP125-32-22/4	350	330	280	236	208	230	215	316	1136	800	400	376
DP125-40-30/4	400	400	305	272	248	230	215	323	1238	800	400	462
DP125-48-37/4	450	450	335	272	248	230	215	323	1243	800	400	518

PERFORMANCE CURVES

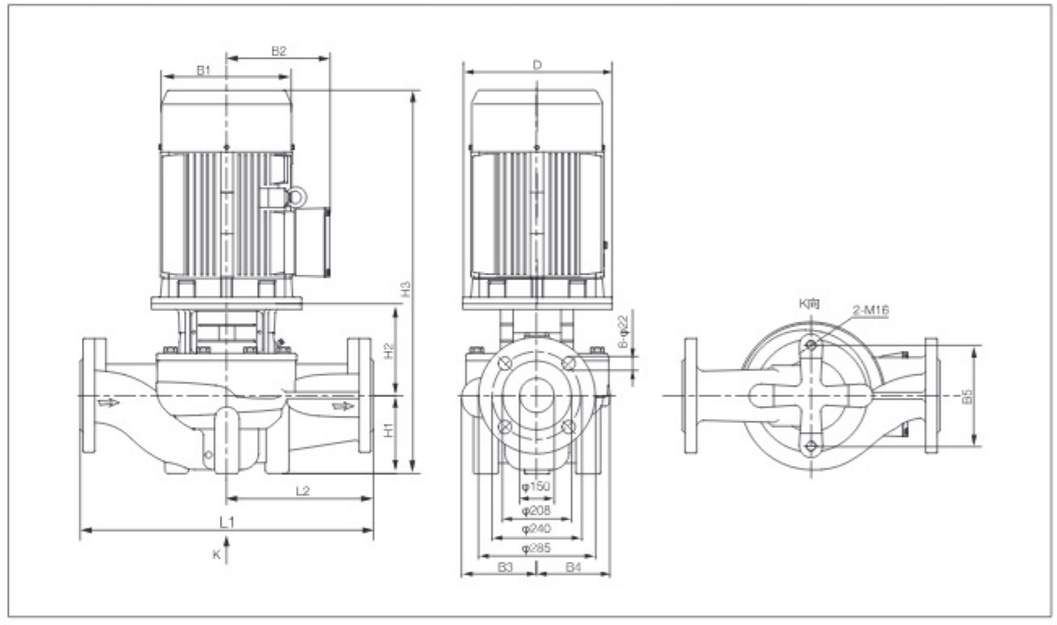




TECHNICAL TABLE

Model	Power (kW)	Q[m³/h]	50	80	110	140	170	200	220	240
DP150-12.5-11/4	11	H(m)	14.6	14.5	14.4	14.2	13.7	12.5	11.1	9.2
DP150-17-15/4	15		18.8	18.8	18.7	18.5	18	17	16.1	15
DP150-22-18.5/4	18.5		23.3	23.1	22.9	22.6	22.3	22	19.8	17.9
DP150-25-22/4	22		28	28	27.8	27.3	26.5	25	23.5	21.3
DP150-33-30/4	30		35.5	35.4	35.3	34.8	34.2	33	31.5	29.6
DP150-40-37/4	37		43.1	43	42.8	42.4	41.6	40	38.4	36.2
DP150-50-45/4	45		52.4	52.2	52	51.7	51.1	50	48.7	46.7

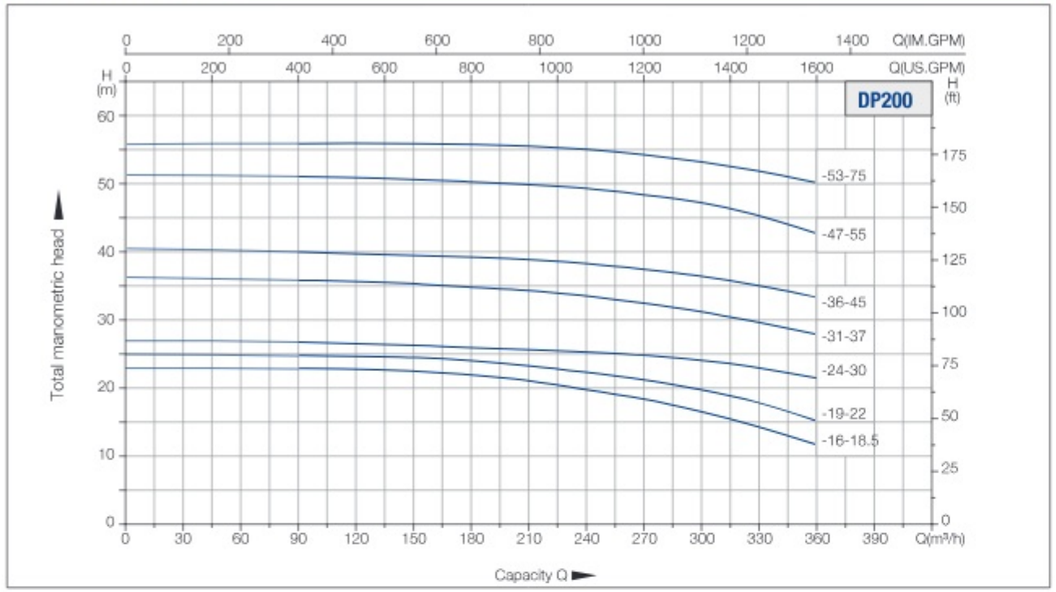
DIMENSION DRAWING

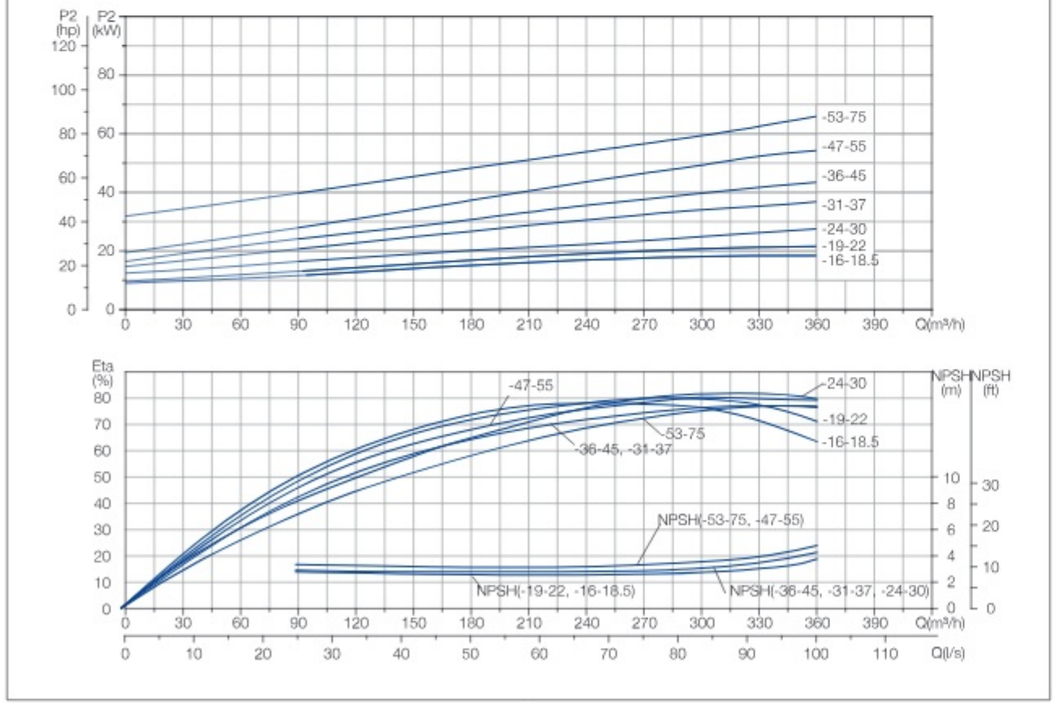


SIZE AND WEIGHT

Model	Size[mm]											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
DP150-12.5-11/4	350	315	255	217	180	230	215	293	1050	800	400	260
DP150-17-15/4	350	315	255	217	180	230	215	293	1083	800	400	276
DP150-22-18.5/4	350	360	280	217	180	230	215	293	1083	800	400	314
DP150-25-22/4	350	360	280	238	208	230	215	293	1113	800	400	372
DP150-33-30/4	400	400	305	238	208	230	215	293	1208	800	400	430
DP150-40-37/4	450	450	335	267	248	230	230	323	1258	900	450	532
DP150-50-45/4	450	450	335	267	248	230	230	323	1283	900	450	556

PERFORMANCE CURVES

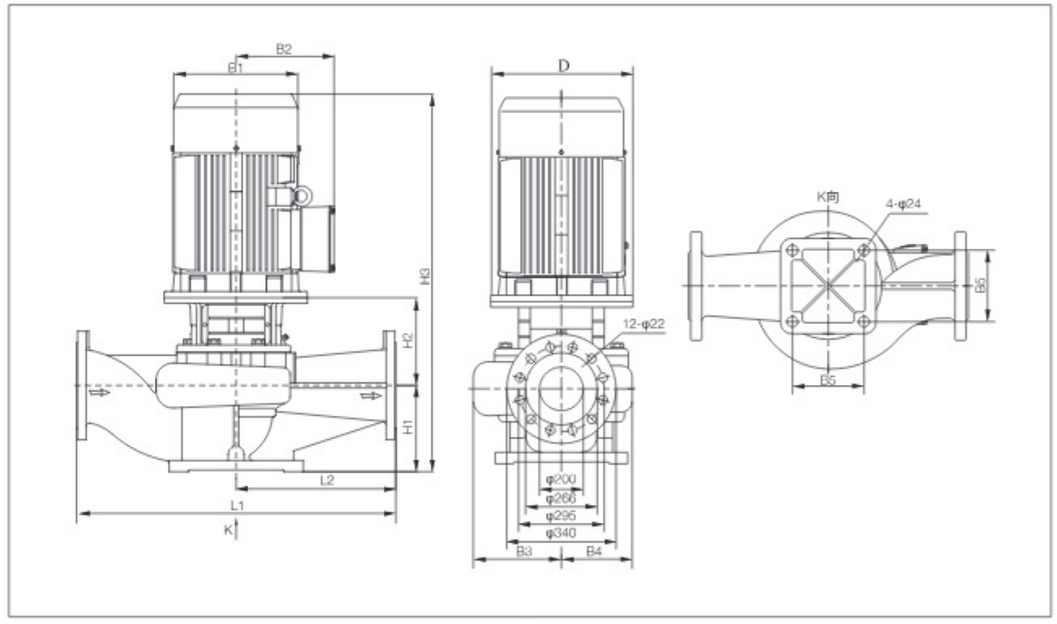




TECHNICAL TABLE

Model	Power (kW)	Q[m³/h]	90	120	150	180	210	240	270	300	330	360
DP200-16-18.5/4	18.5	H(m)	22.6	22.4	22.2	21.7	20.7	19.4	18.4	16	14	11.5
DP200-19-22/4	22		24.4	24.3	24.2	23.7	23	22	20.9	19	17.6	15
DP200-24-30/4	30		26.1	26	25.8	25.7	25.4	25.1	24.6	24	23.1	21.5
DP200-31-37/4	37		35.4	35.3	35	34.5	33.9	33.2	32.2	31	29.3	27.6
DP200-36-45/4	45		39.6	39.4	39.1	38.8	38.5	37.9	37	36	34.7	33
DP200-47-55/4	55		50.6	50.5	50.2	49.8	49.5	48.9	48	47	44.9	42.4
DP200-53-75/4	75		55.7	55.7	55.7	55.5	55.3	54.8	54	53	51.6	50

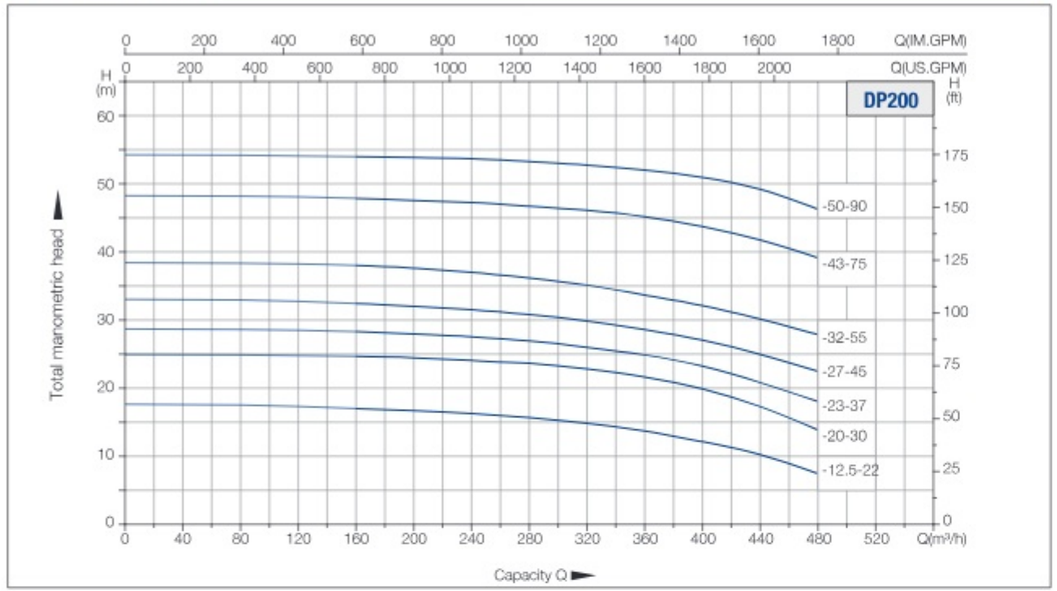
DIMENSION DRAWING

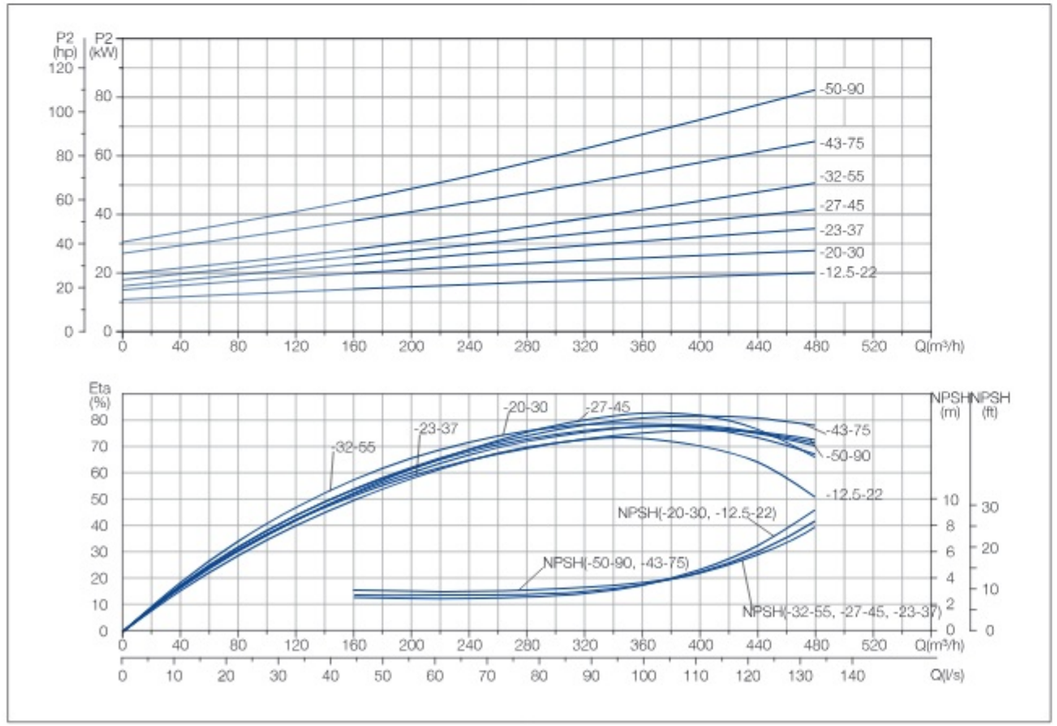


SIZE AND WEIGHT

Model	Size[mm]											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
DP200-16-18.5/4	350	360	280	278	219	360	270	343	1188	1000	500	420
DP200-19-22/4	350	360	280	278	219	360	270	343	1218	1000	500	440
DP200-24-30/4	400	400	305	303	252	360	270	343	1313	1100	550	538
DP200-31-37/4	450	450	335	303	252	360	270	373	1348	1100	550	590
DP200-36-45/4	450	450	335	303	252	360	270	373	1373	1100	550	630
DP200-47-55/4	550	490	370	315	269	360	270	388	1423	1100	550	768
DP200-53-75/4	550	550	410	315	269	360	270	388	1486	1100	550	902

PERFORMANCE CURVES

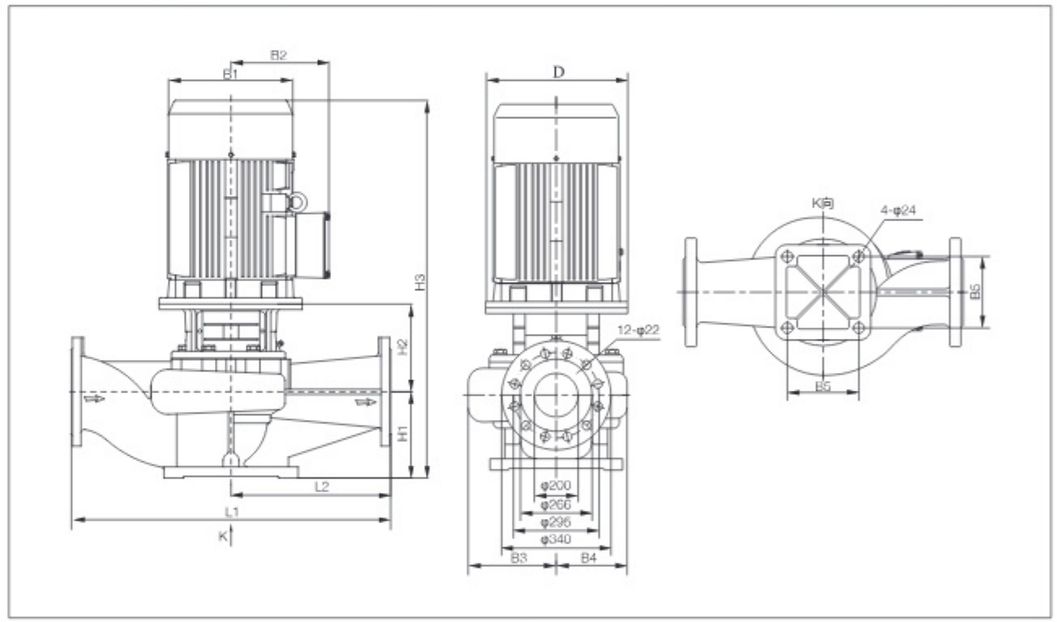




TECHNICAL TABLE

Model	Power (kW)	Q[m³/h]	160	200	240	280	320	360	400	440	480
DP200-12.5-22/4	22	H(m)	17.2	16.9	16.5	15.9	15.1	14	12.5	10.7	8
DP200-20-30/4	30		24.6	24.4	24	23.6	22.8	21.7	20	17.5	14.2
DP200-23-37/4	37		28.1	27.8	27.4	26.8	25.9	24.8	23	20.9	18.2
DP200-27-45/4	45		32.1	31.7	31.2	30.5	29.6	28.4	27	24.9	22.5
DP200-32-55/4	55		37.5	37.1	36.5	35.7	34.7	33.3	32	29.9	27.7
DP200-43-75/4	75		47	46.7	46.1	45.9	45.3	44.4	43	41.1	38.6
DP200-50-90/4	90		52.9	52.8	52.6	52.2	51.7	51	50	48.3	45.5

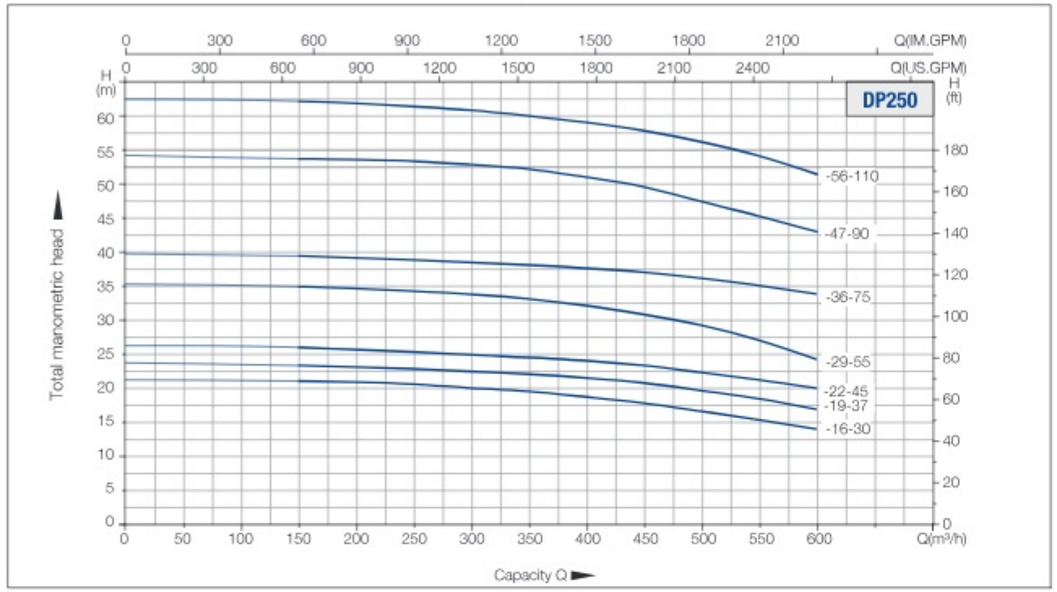
DIMENSION DRAWING

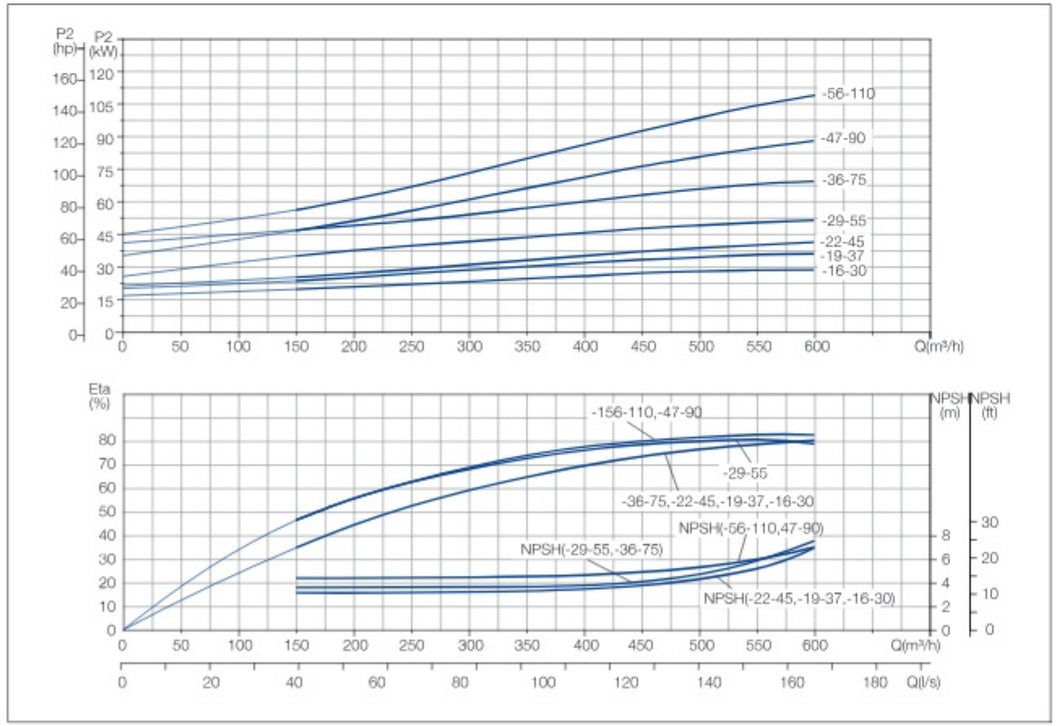


SIZE AND WEIGHT

Model	Size[mm]											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
DP200-12.5-22/4	350	360	280	278	219	360	270	343	1218	1000	500	440
DP200-20-30/4	400	400	305	278	219	360	270	343	1313	1000	500	506
DP200-23-37/4	450	450	335	303	252	360	270	373	1348	1100	550	589
DP200-27-45/4	450	450	335	303	252	360	270	373	1373	1100	550	630
DP200-32-55/4	550	490	370	303	252	360	270	373	1408	1100	550	720
DP200-43-75/4	550	550	410	315	269	360	270	388	1486	1100	550	900
DP200-50-90/4	550	550	410	315	269	360	270	388	1538	1100	550	970

PERFORMANCE CURVES

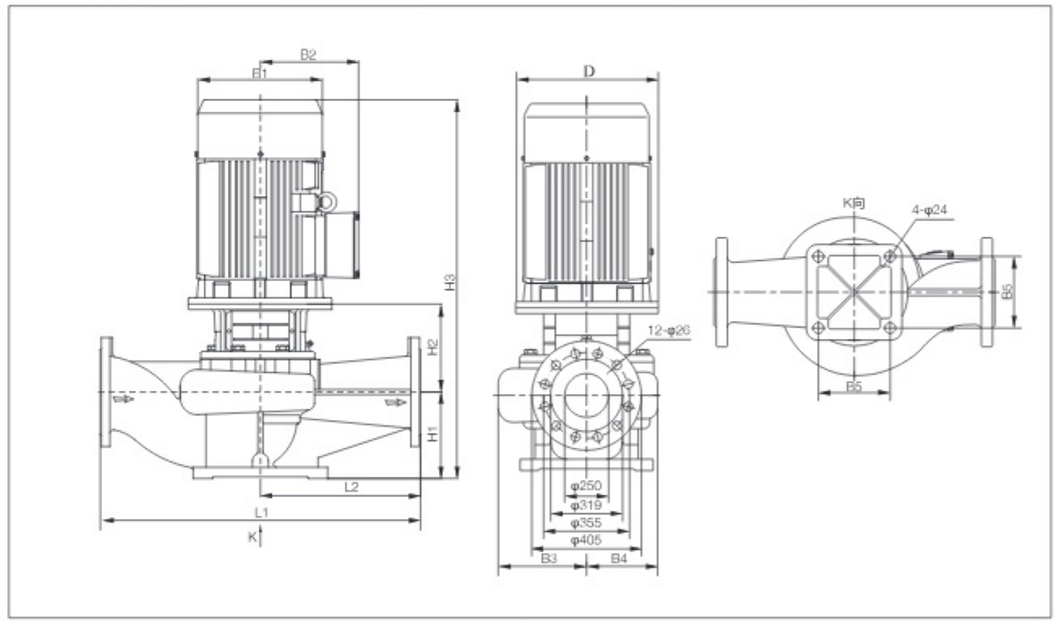




TECHNICAL TABLE

Model	Power (kW)	Q[m³/h]	150	200	250	300	350	400	450	500	550	600
DP250-16-30/4	30	H(m)	20.5	20.4	20.1	19.6	19	18.2	17.3	16	14.7	13.3
DP250-19-37/4	37		22.7	22.4	22.1	21.7	21.3	20.8	20.1	19	17.9	16.6
DP250-22-45/4	45		25.7	25.3	25.1	24.7	24.3	23.8	23.1	22	21	19.7
DP250-29-55/4	55		34.6	34.4	34	33.4	32.6	31.8	30.6	29	26.8	23.9
DP250-36-75/4	75		39.1	38.8	38.5	38.2	37,8	37.3	36.8	36	35	33.4
DP250-47-90/4	90		53.3	53.1	52.9	52.4	51.8	50.6	49.2	47	45	42.5
DP250-56-110/4	110		61.6	61.4	60.9	60.2	59.5	58.6	57.4	56	53.8	51

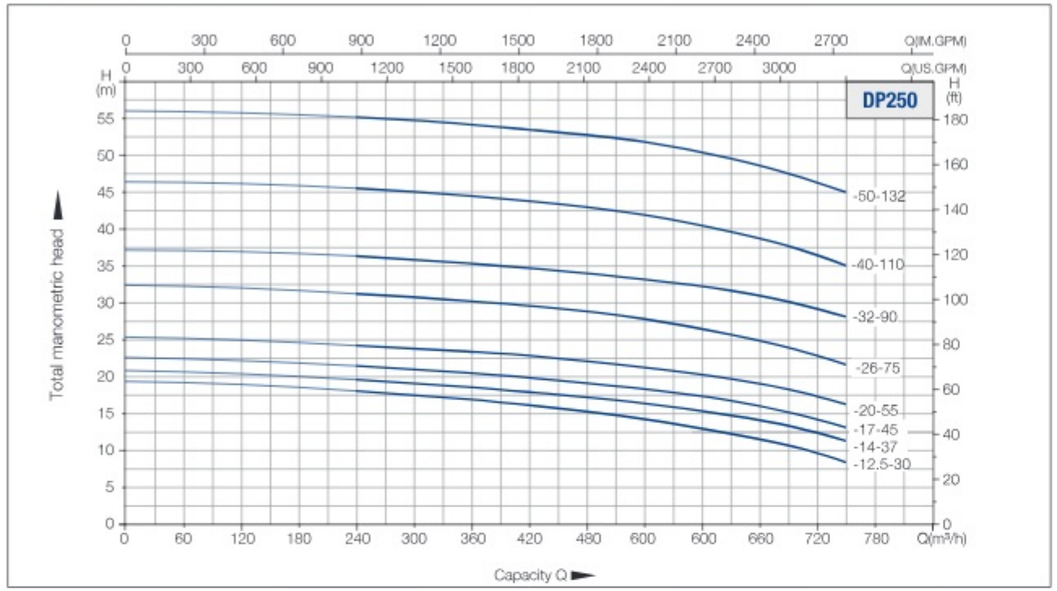
DIMENSION DRAWING

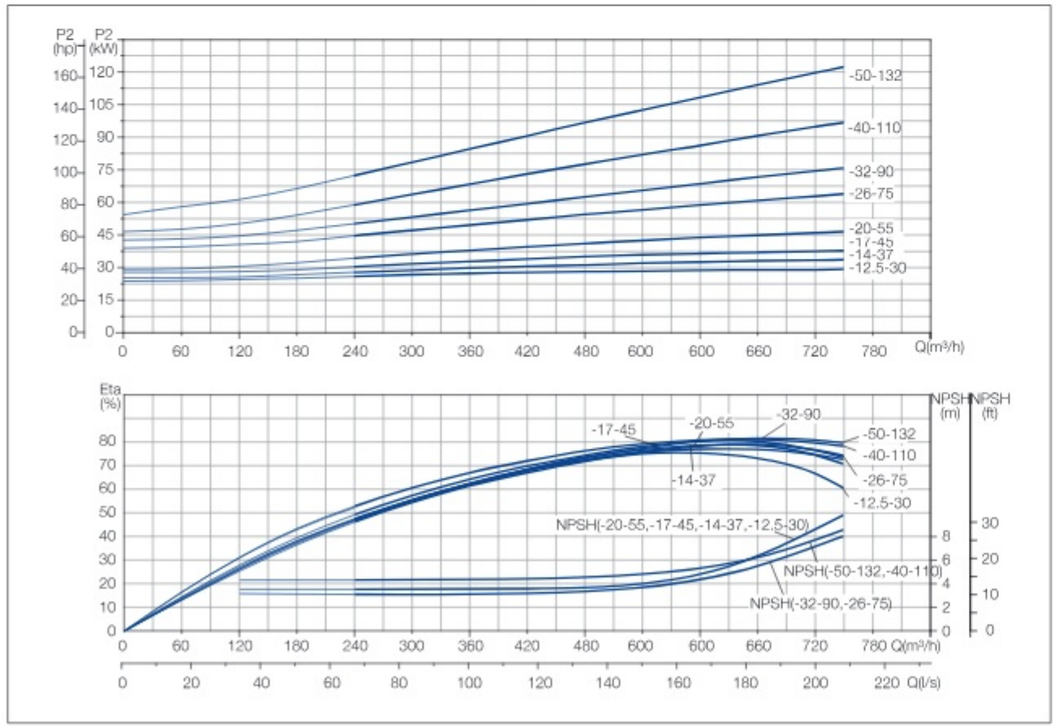


SIZE AND WEIGHT

Model	Size[mm]											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
DP250-16-30/4	400	400	305	316	243	390	300	393	1393	1100	550	564
DP250-19-37/4	450	450	335	316	243	390	300	423	1428	1100	550	636
DP250-22-45/4	450	450	335	316	243	390	300	423	1453	1100	550	660
DP250-29-55/4	550	490	365	329	264	440	300	438	1503	1100	550	802
DP250-36-75/4	550	550	370	329	264	440	300	438	1568	1100	550	949
DP250-47-90/4	550	550	410	347	292	440	305	461	1646	1200	600	1065
DP250-56-110/4	660	625	530	347	292	440	305	461	1826	1200	600	1292

PERFORMANCE CURVES

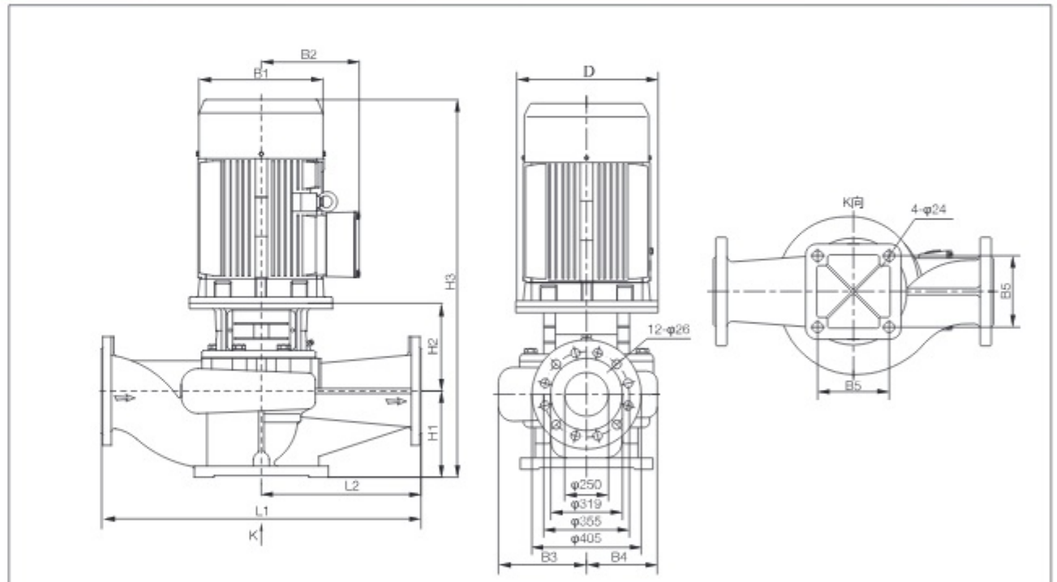




TECHNICAL TABLE

Model	Power (kW)	Q[m³/h]	240	300	360	420	480	540	600	630	660	720	750
DP250-12.5-30/4	30	H(m)	18.4	17.9	17.2	16.4	15.5	14.5	13.2	12.5	11.8	9.9	8.7
DP250-14-37/4	37		20	19.5	18.9	18.2	17.5	16.6	15.6	14	13.4	12.6	11.6
DP250-17-45/4	45		21.8	21.3	20.8	20.1	19.4	18.6	17.6	17	16.3	14.4	13.4
DP250-20-55/4	55		24.5	24.1	23.7	23.1	22.4	21.5	20.5	20	19.3	17.6	16.5
DP250-26-75/4	75		31.7	31.1	30.6	29.9	29.1	28.2	26.8	26	25.2	23.1	21.9
DP250-32-90/4	90		36.7	36.3	35.7	35.1	34.3	33.5	32.6	32	31.3	29.5	28.4
DP250-40-110/4	110		46	45.5	44.9	44.2	43.4	42.3	40.8	40	39.1	38.8	35.5
DP250-50-132/4	132		55.6	55.2	54.6	53.9	53.2	52.3	50.9	50	49	46.7	45.4

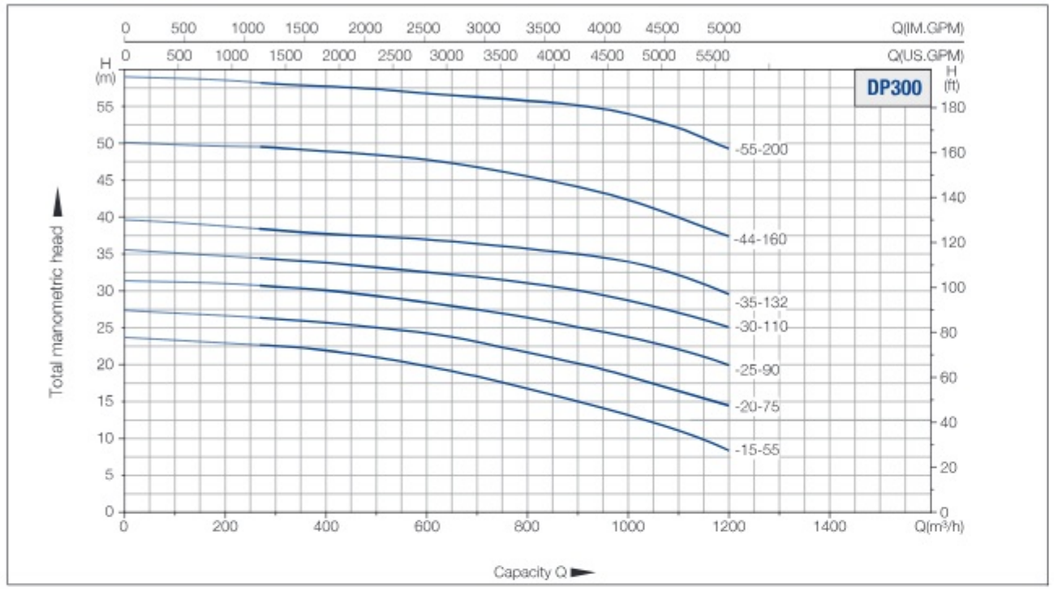
DIMENSION DRAWING

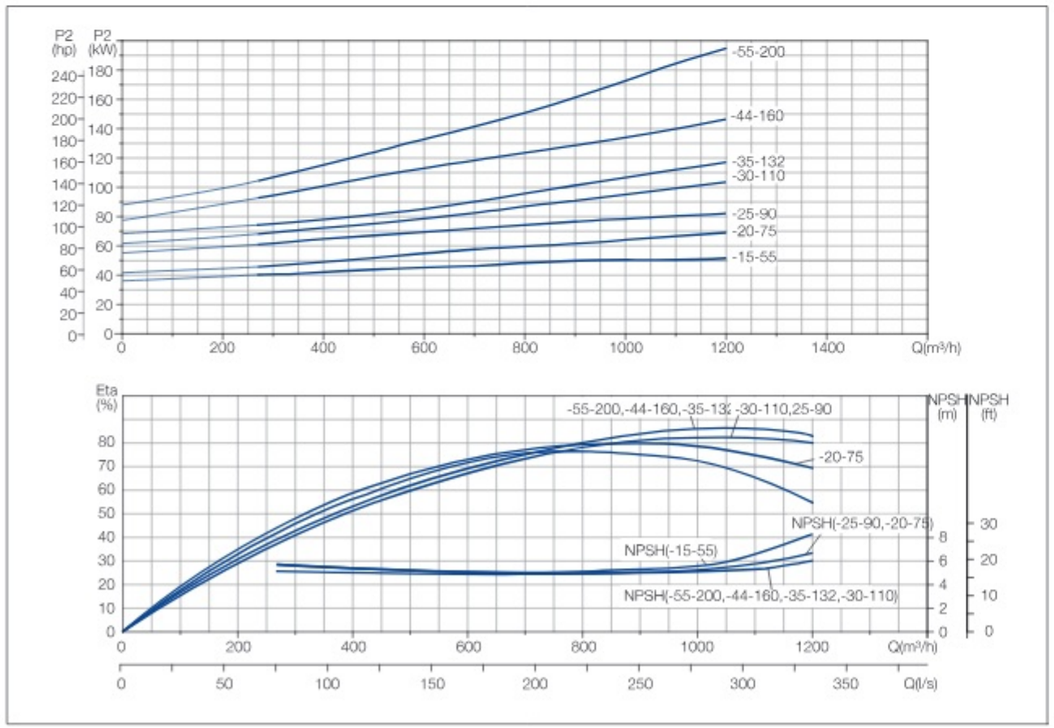


SIZE AND WEIGHT

Model	Size[mm]											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
DP250-12.5-30/4	400	400	305	316	243	390	300	393	1393	1100	550	563
DP250-14-37/4	450	450	335	316	243	390	300	423	1428	1100	550	635
DP250-17-45/4	450	450	335	316	243	390	300	423	1453	1100	550	659
DP250-20-55/4	550	490	370	316	243	390	300	423	1503	1100	550	759
DP250-26-75/4	550	550	410	329	264	440	300	438	1568	1100	550	948
DP250-32-90/4	550	550	410	329	264	440	300	438	1618	1100	550	1017
DP250-40-110/4	660	625	530	347	292	440	305	461	1826	1200	600	1290
DP250-50-132/4	660	625	530	347	292	440	305	461	1946	1200	600	1400

PERFORMANCE CURVES

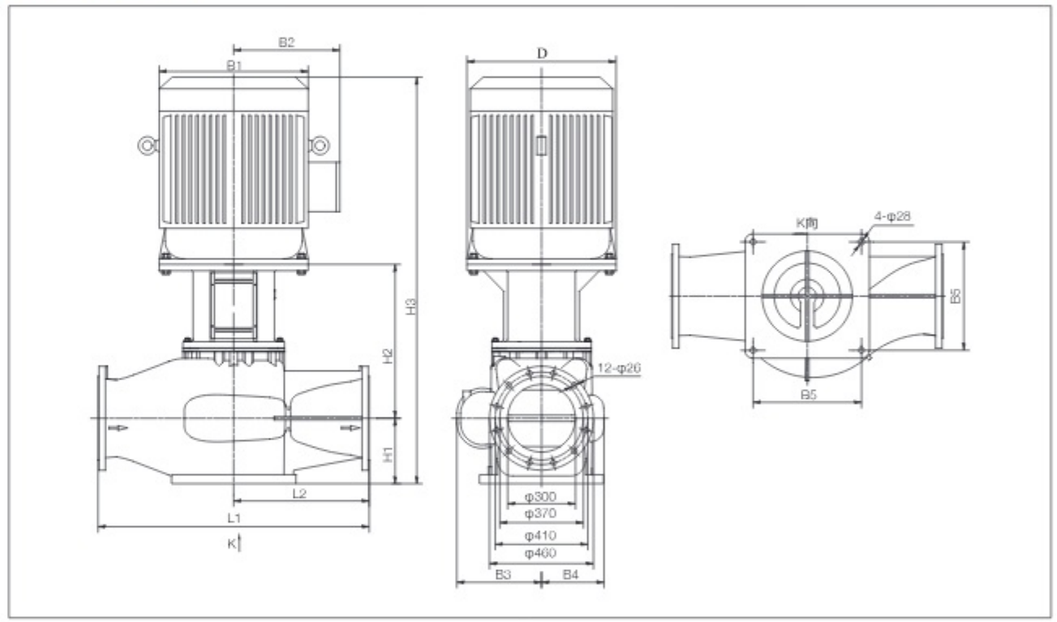




TECHNICAL TABLE

Model	Power (kW)	Q[m³/h]	270	360	450	630	750	900	1080	1200
DP300-15-55/4	55	H(m)	22.7	22.3	21.6	19.5	17.8	15	11.6	8.5
DP300-20-75/4	75		26.4	26	25.5	24.1	22.4	20	17.1	14.5
DP300-25-90/4	90		30.8	30.4	29.8	28.2	27.1	25	22.5	20
DP300-30-110/4	110		34.5	34	33.5	32.4	31.6	30	27.5	25
DP300-35-132/4	132		38.6	38.1	37.8	36.9	36	35	32.6	29.6
DP300-44-160/4	160		49.5	49.2	48.8	47.6	46.3	44	40.5	37.5
DP300-55-200/4	200		58.2	57.9	57.6	56.7	56.1	55	52.5	49.2

DIMENSION DRAWING



SIZE AND WEIGHT

Model	Size[mm]											Weight (kg)
	D	B1	B2	B3	B4	B5	H1	H2	H3	L1	L2	
DP300-15-55/4	550	490	365	345	250	440	290	649	1720	1200	600	907
DP300-20-75/4	550	550	400	345	250	440	290	649	1770	1200	600	1075
DP300-25-90/4	550	550	400	380	280	480	290	659	1850	1200	600	1230
DP300-30-110/4	660	625	550	380	280	480	290	699	2000	1200	600	1570
DP300-35-132/4	660	625	550	380	280	480	290	699	2150	1200	600	1650
DP300-44-160/4	660	625	550	380	295	480	290	702	2150	1200	600	1790
DP300-55-200/4	660	625	550	380	295	480	290	702	2150	1200	600	1905

DST

APPLICATION

- Air conditioning system and heating system
- Water filtration and transportation
- Cooling water circulation and boiler feed water
- Pipeline pressurization and water circulation
- Industrial application & equipment supporting system
- Agricultural water irrigation
- Fire Fighting System

OPERATING CONDITIONS

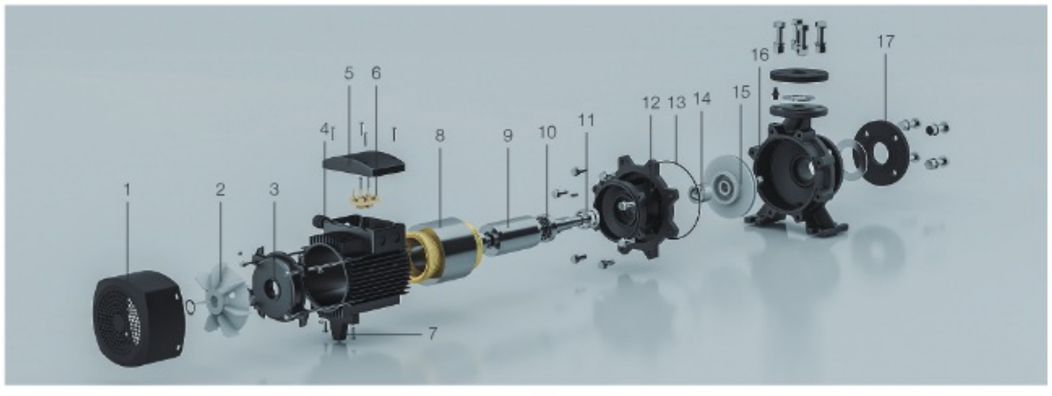
- Max. ambient temperature: 50℃
- Liquid temperature range: 0℃~90℃
- Max.operating pressure: 16 bar
- Continuous service: S1

MODEL INSTRUCTION

DST 50 - 32 - 125 / 1.1

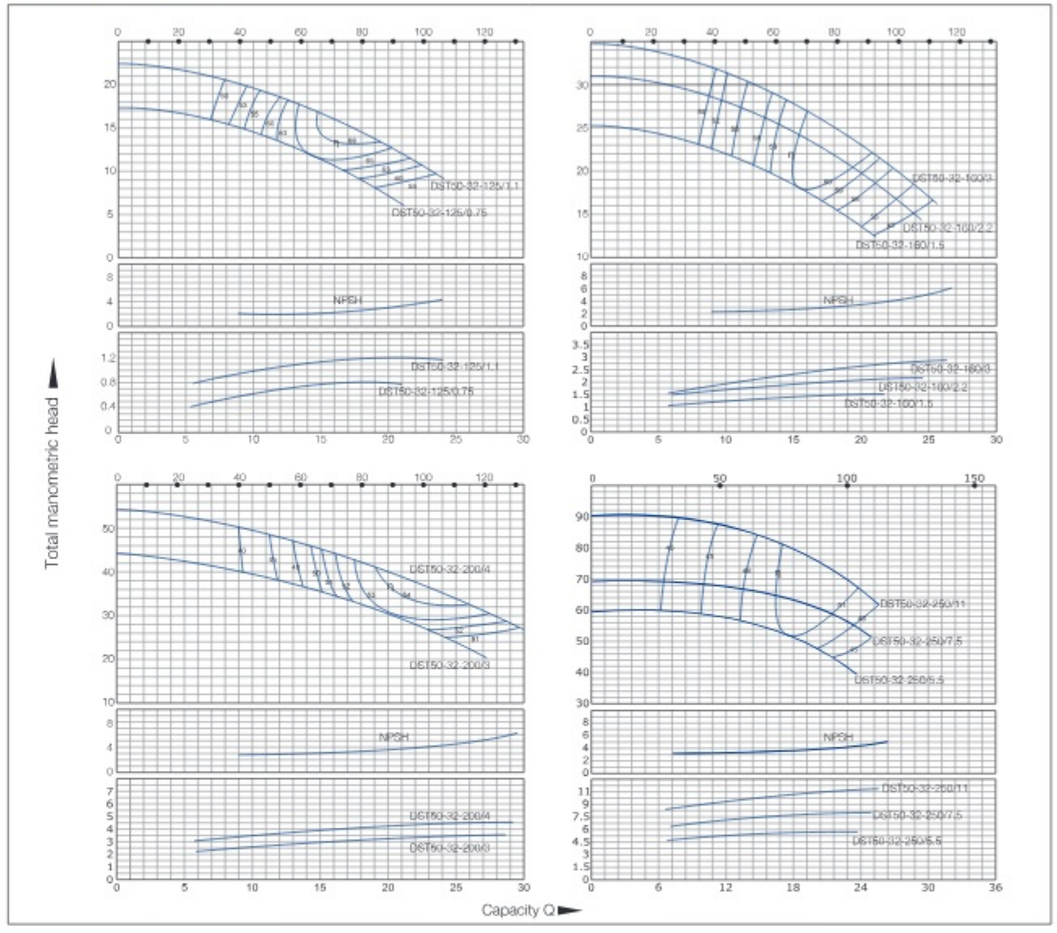
- Rated power of motor (kW)
- Nominal diameter of impeller
- Outlet diameter(mm)
- Inlet diameter(mm)
- Series code

MODEL ANALYSIS



NO.	NAME	NO.	NAME	NO.	NAME	NO.	NAME
1	Fan cover	6	Wiring terminal	11	Bearing	16	Pump body
2	Fan	7	Stator	12	Connector	17	Flanges
3	Rear end cover	8	Rotor	13	"O" Ring		
4	Pump base	9	Bearing	14	Mechanical		
5	Junction box	10	Oil seal	15	Impeller		

PERFORMANCE CURVES

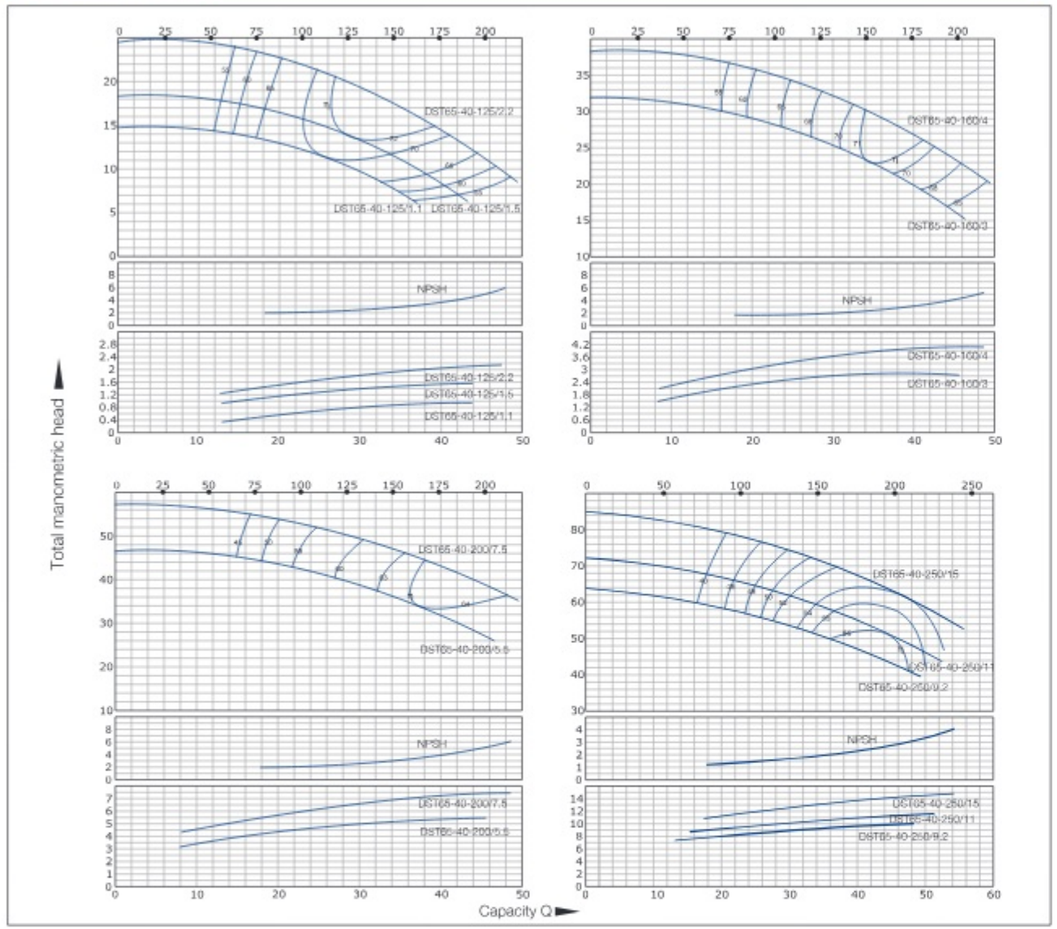


TECHNICAL TABLE

Model	Inlet (mm)	Outlet (mm)	Rated. flow (m³/h)	Rated. head (m)	Power (kW)	Speed (r/min)
DST50-32-125/0.75	50	32	15	12	0.75	2900
DST50-32-125/1.1	50	32	15	16.5	1.1	2900
DST50-32-160/1.5	50	32	16	18	1.5	2900
DST50-32-160/2.2	50	32	16	23.5	2.2	2900
DST50-32-160/3	50	32	16	27	3	2900
DST50-32-200/3	50	32	20	30	3	2900
DST50-32-200/4	50	32	20	40	4	2900
DST50-32-250/5.5	50	32	18	51	5.5	2900
DST50-32-250/7.5	50	32	18	63	7.5	2900
DST50-32-250/11	50	32	18	79	11	2900

DST Series

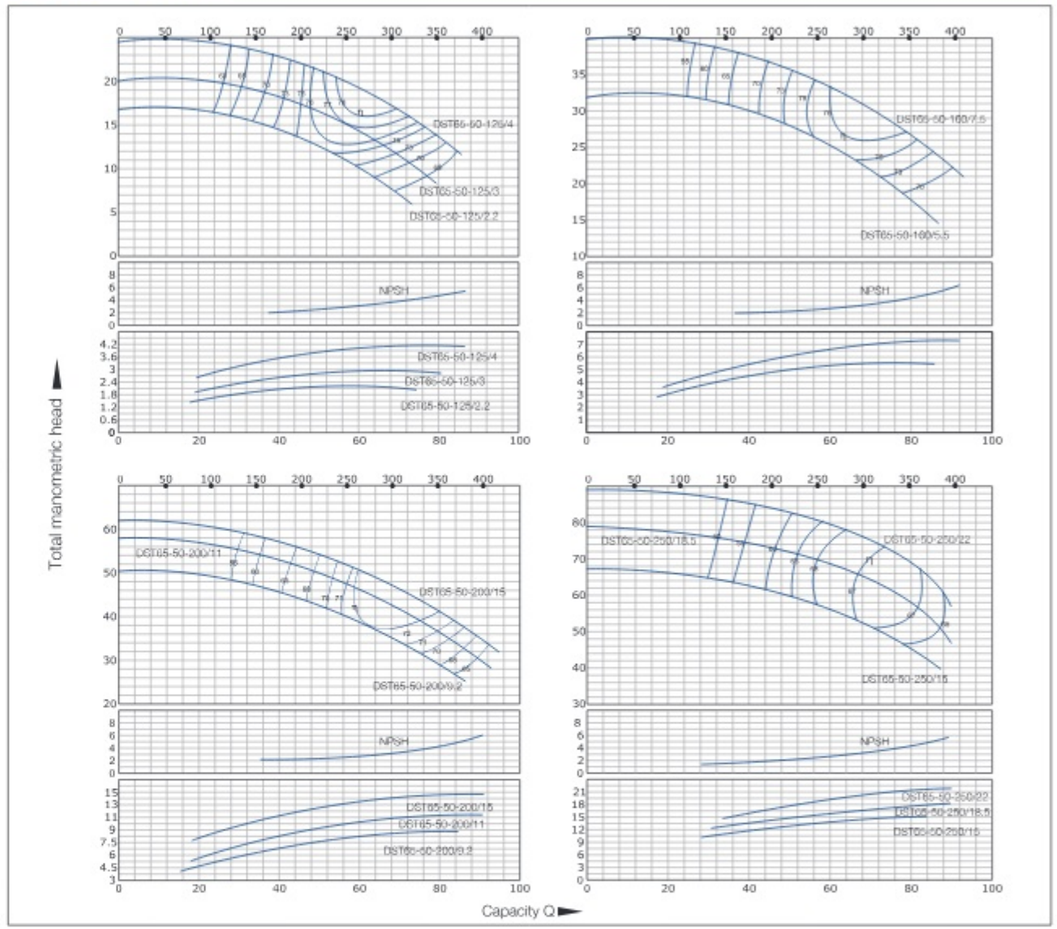
PERFORMANCE CURVES



TECHNICAL TABLE

Model	Inlet	Outlet	Rated. flow	Rated. head	Power	Speed
	(mm)	(mm)	(m³/h)	(m)	(kW)	(r/min)
DST65-40-125/1.1	65	40	27	10.1	1.1	2900
DST65-40-125/1.5	65	40	27	13.9	1.5	2900
DST65-40-125/2.2	65	40	27	20.2	2.2	2900
DST65-40-160/3	65	40	36	21.5	3	2900
DST65-40-160/4	65	40	36	28.5	4	2900
DST65-40-200/5.5	65	40	38	33	5.5	2900
DST65-40-200/7.5	65	40	38	44	7.5	2900
DST65-40-250/9.2	65	40	42	45	9.2	2900
DST65-40-250/11	65	40	42	52.2	11	2900
DST65-40-250/15	65	40	42	65	15	2900

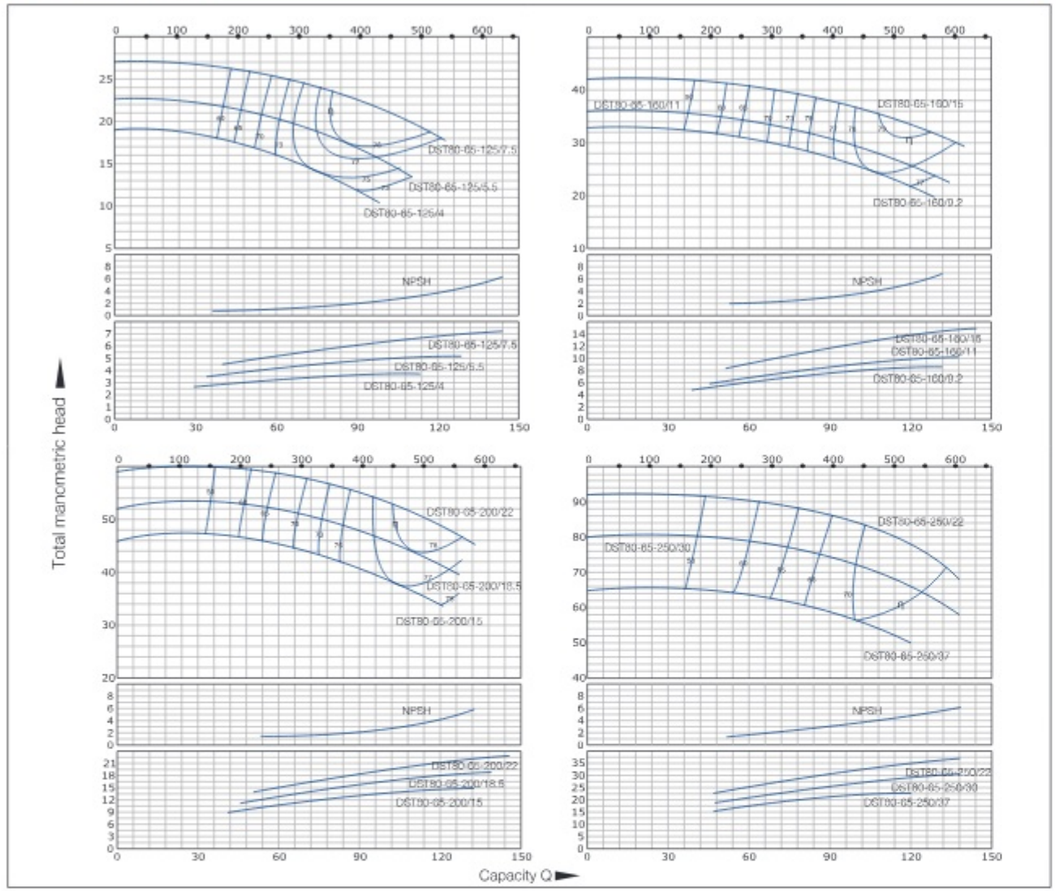
PERFORMANCE CURVES



TECHNICAL TABLE

Model	Inlet	Outlet	Rated. flow	Rated. head	Power	Speed
	(mm)	(mm)	(m³/h)	(m)	(kW)	(r/min)
DST65-50-125/2.2	65	50	54	11.5	2.2	2900
DST65-50-125/3	65	50	54	15.6	3	2900
DST65-50-125/4	65	50	54	20.3	4	2900
DST65-50-160/5.5	65	50	64	24	5.5	2900
DST65-50-160/7.5	65	50	64	32	7.5	2900
DST65-50-200/9.2	65	50	64	37	9.2	2900
DST65-50-200/11	65	50	64	44	11	2900
DST65-50-200/15	65	50	64	49	15	2900
DST65-50-250/15	65	50	72	50	15	2900
DST65-50-250/18.5	65	50	72	63.5	18.5	2900
DST65-50-250/22	65	50	72	73.5	22	2900

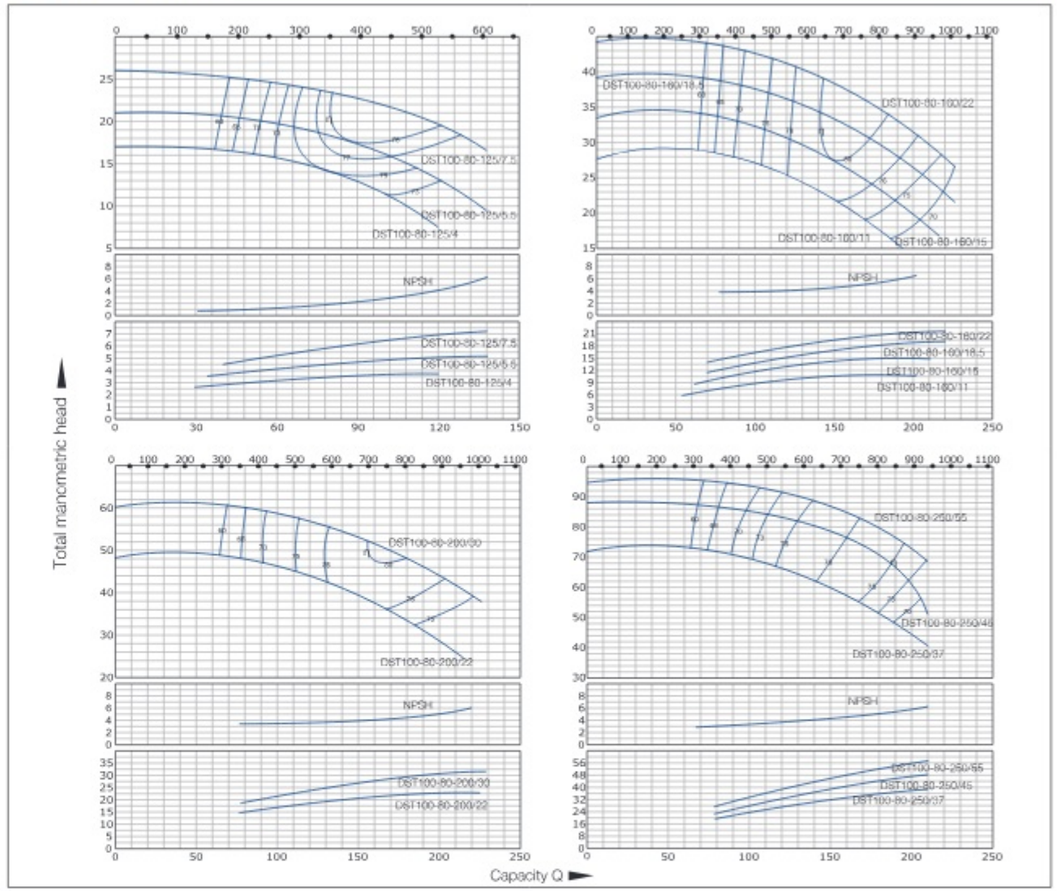
PERFORMANCE CURVES



TECHNICAL TABLE

Model	Inlet (mm)	Outlet (mm)	Rated. flow (m³/h)	Rated. head (m)	Power (kW)	Speed (r/min)
DST80-65-125/4	80	65	84	13	4	2900
DST80-65-125/5.5	80	65	84	17.5	5.5	2900
DST80-65-125/7.5	80	65	84	23	7.5	2900
DST80-65-160/9.2	80	65	108	24	9.2	2900
DST80-65-160/11	80	65	108	28	11	2900
DST80-65-160/15	80	65	108	35	15	2900
DST80-65-200/15	80	65	108	36.5	15	2900
DST80-65-200/18.5	80	65	108	44.5	18.5	2900
DST80-65-200/22	80	65	108	52	22	2900
DST80-65-250/22	80	65	108	53	22	2900
DST80-65-250/30	80	65	108	70	30	2900
DST80-65-250/37	80	65	108	80.5	37	2900

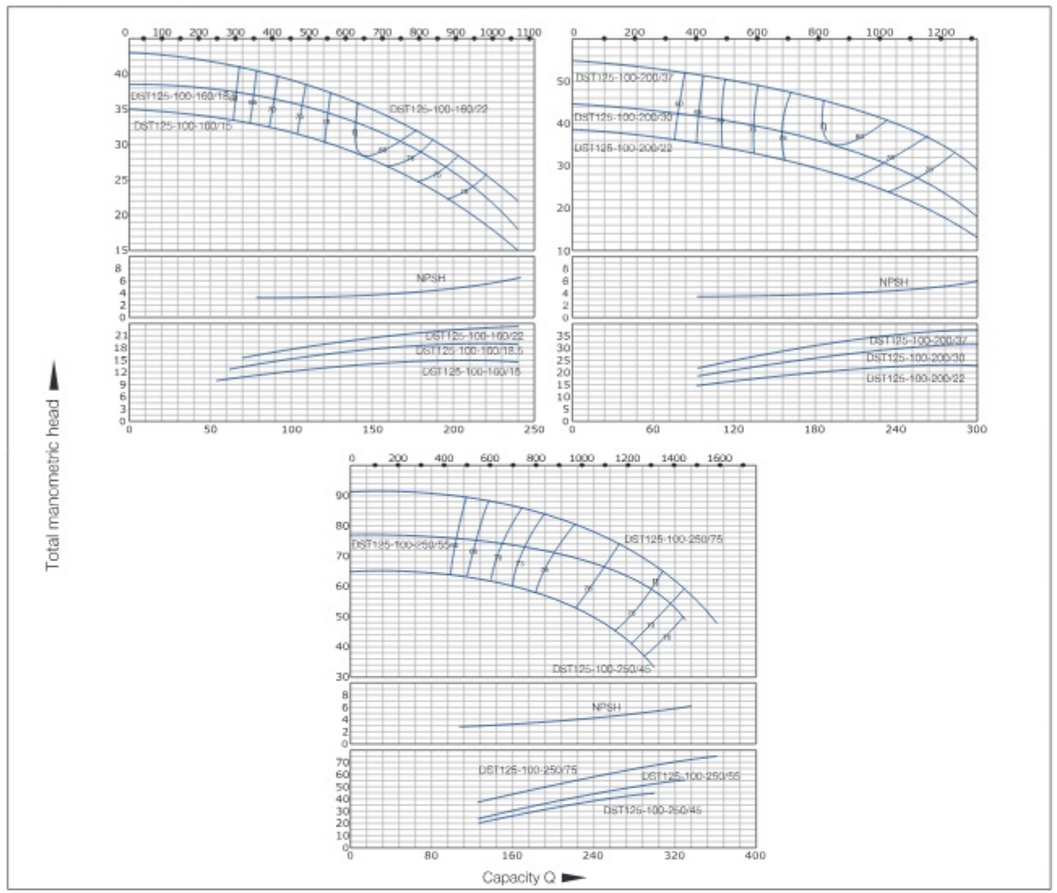
PERFORMANCE CURVES



TECHNICAL TABLE

Model	Inlet (mm)	Outlet (mm)	Rated. flow (m³/h)	Rated. head (m)	Power (kW)	Speed (r/min)
DST100-80-125/4	100	80	84	13.5	4	2900
DST100-80-125/5.5	100	80	84	18	5.5	2900
DST100-80-125/7.5	100	80	84	23.8	7.5	2900
DST100-80-160/11	100	80	150	22	11	2900
DST100-80-160/15	100	80	150	27.5	15	2900
DST100-80-160/18.5	100	80	150	33.5	18.5	2900
DST100-80-160/22	100	80	150	38.5	22	2900
DST100-80-200/22	100	80	160	38	22	2900
DST100-80-200/30	100	80	160	51	30	2900
DST100-80-250/37	100	80	180	51	37	2900
DST100-80-250/45	100	80	180	70.5	45	2900
DST100-80-250/55	100	80	180	79.5	55	2900

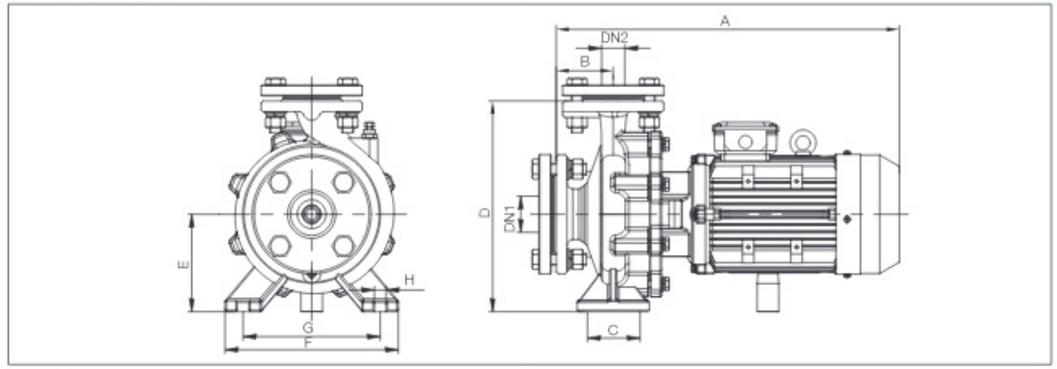
PERFORMANCE CURVES



TECHNICAL TABLE

Model	Inlet (mm)	Outlet (mm)	Rated. flow (m³/h)	Rated. head (m)	Power (kW)	Speed (r/min)
DST125-100-160/15	125	100	144	27.8	15	2900
DST125-100-160/18.5	125	100	144	32.2	18.5	2900
DST125-100-160/22	125	100	144	35.2	22	2900
DST125-100-200/22	125	100	200	26.8	22	2900
DST125-100-200/30	125	100	200	34.2	30	2900
DST125-100-200/37	125	100	200	45	37	2900
DST125-100-250/45	125	100	240	50	45	2900
DST125-100-250/55	125	100	240	69	55	2900
DST125-100-250/75	125	100	240	78	75	2900

DIMENSION DRAWING



SIZE

Model	Size[mm] DN1	DN2	A	B	C	D	E	F	G	H
DST50-32-160/1.5	50	32	482	82	72	292	132	240	190	16
DST50-32-160/2.2	50	32	482	82	72	292	132	240	190	16
DST50-32-160/3	50	32	497	82	72	292	132	240	190	16
DST50-32-200/4	50	32	550	100	72	340	160	266	214	16
DST50-32-200/5.5	50	32	615	100	72	340	160	266	214	16
DST50-32-200/7.5	50	32	615	100	72	340	160	266	214	16
DST50-32-200/9.2	50	32	615	100	72	340	160	266	214	16
DST50-32-200/11	50	32	615	100	72	340	160	266	214	16
DST50-32-250/5.5	50	32	612	85	95	405	185	327	250	16
DST50-32-250/7.5	50	32	612	85	95	405	185	327	250	16
DST50-32-250/9.2	50	32	612	85	95	405	185	327	250	16
DST50-32-250/11	50	32	612	85	95	405	185	327	250	16
DST65-40-125/1.5	65	40	470	80	70	252	112	210	160	15
DST65-40-125/2.2	65	40	470	80	70	252	112	210	160	15
DST65-40-160/3	65	40	497	82	72	292	132	242	190	16
DST65-40-160/4	65	40	532	82	72	292	132	242	190	16
DST65-40-200/5.5	65	40	615	100	72	341	160	266	241	16
DST65-40-200/7.5	65	40	615	100	72	341	160	266	241	16
DST65-40-200/9.2	65	40	615	100	72	341	160	266	241	16
DST65-40-200/11	65	40	615	100	72	341	160	266	241	16
DST65-40-250/11	65	40	617	102	95	405	180	325	250	16
DST65-40-250/11	65	40	745	102	95	405	180	325	250	16
DST65-40-250/15	65	40	745	102	95	405	180	325	250	16
DST65-40-250/18.5	65	40	745	102	95	405	180	325	250	16
DST65-40-250/22	65	40	745	102	95	405	180	325	250	16
DST65-50-125/3	65	50	518	100	66	302	132	241	190	15
DST65-50-125/4	65	50	518	100	66	302	132	241	190	15
DST65-50-160/5.5	65	50	615	100	72	341	160	266	214	16
DST65-50-160/7.5	65	50	615	100	72	341	160	266	214	16
DST65-50-160/9.2	65	50	615	100	72	341	160	266	214	16
DST65-50-160/11	65	50	615	100	72	341	160	266	214	16
DST65-50-200/9.2	65	50	623	101	72	362	160	266	214	16

Model	Size[mm] DN1	DN2	A	B	C	D	E	F	G	H
DST65-50-200/11	65	50	623	101	72	362	160	266	214	16
DST65-50-200/9.2	65	50	751	101	72	362	160	266	214	16
DST65-50-200/11	65	50	751	101	72	362	160	266	214	16
DST65-50-200/15	65	50	751	101	72	362	160	266	214	16
DST65-50-200/18.5	65	50	751	101	72	362	160	266	214	16
DST65-50-200/22	65	50	751	101	72	362	160	266	214	16
DST65-50-250/11	65	50	751	102	95	405	180	320	250	16
DST65-50-250/15	65	50	751	102	95	405	180	320	250	16
DST65-50-250/18.5	65	50	751	102	95	405	180	320	250	16
DST65-50-250/22	65	50	751	102	95	405	180	320	250	16
DST80-65-125/4	80	65	623	100	95	340	160	280	212	16
DST80-65-125/5.5	80	65	623	100	95	340	160	280	212	16
DST80-65-125/7.5	80	65	623	100	95	340	160	280	212	16
DST80-65-160/5.5	80	65	621	100	95	360	160	282	212	16
DST80-65-160/7.5	80	65	621	100	95	360	160	282	212	16
DST80-65-160/9.2	80	65	621	100	95	360	160	282	212	16
DST80-65-160/11	80	65	749	100	95	360	160	282	212	16
DST80-65-160/15	80	65	749	100	95	360	160	282	212	16
DST80-65-160/18.5	80	65	749	100	95	360	160	282	212	16
DST80-65-160/22	80	65	749	100	95	360	160	282	212	16
DST80-65-200/9.2	80	65	749	100	95	405	180	320	250	16
DST80-65-200/11	80	65	749	100	95	405	180	320	250	16
DST80-65-200/15	80	65	749	100	95	405	180	320	250	16
DST80-65-200/18.5	80	65	749	100	95	405	180	320	250	16
DST80-65-200/22	80	65	749	100	95	405	180	320	250	16
DST100-80-160/11	100	80	781	125	92	405	180	320	250	14
DST100-80-160/15	100	80	781	125	92	405	180	320	250	14
DST100-80-160/18.5	100	80	781	125	92	405	180	320	250	14
DST100-80-160/22	100	80	781	125	92	405	180	320	250	14
DST100-80-200/22	100	80	781	125	96	430	180	345	276	14
DST100-80-200/30	100	80	880	125	96	430	180	345	276	14
DST100-80-200/37	100	80	880	125	96	430	180	345	276	14

DSTL

APPLICATION

- Air conditioning system and heating system
- Water filtration and transportation
- Cooling water circulation and boiler feed water
- Pipeline pressurization and water circulation
- Industrial application & equipment supporting system
- Agricultural water irrigation
- Fire Fighting System

MODEL INSTRUCTION

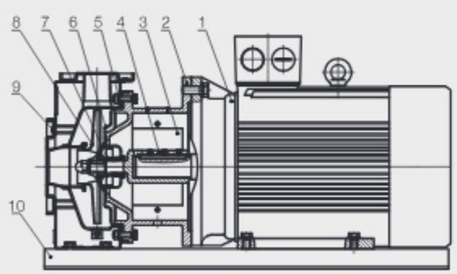
DSTL 65 - 50 - 200 / 11

- Rated power of motor (kW)
- Nominal diameter of impeller
- Outlet diameter(mm)
- Inlet diameter(mm)
- Series code

OPERATING CONDITIONS

- Pipe connection: DN32–DN100
- Max. Flow: 200m³/h
- Max. Head: 70 m
- Power range: 1.1–37kW
- Max. ambient temperature: 40 C
- Liquid temperature range: 20 C –100 C
- Highest Altitude: 1000 m
- Max.operating pressure: 10 bar

MODEL ANALYSIS

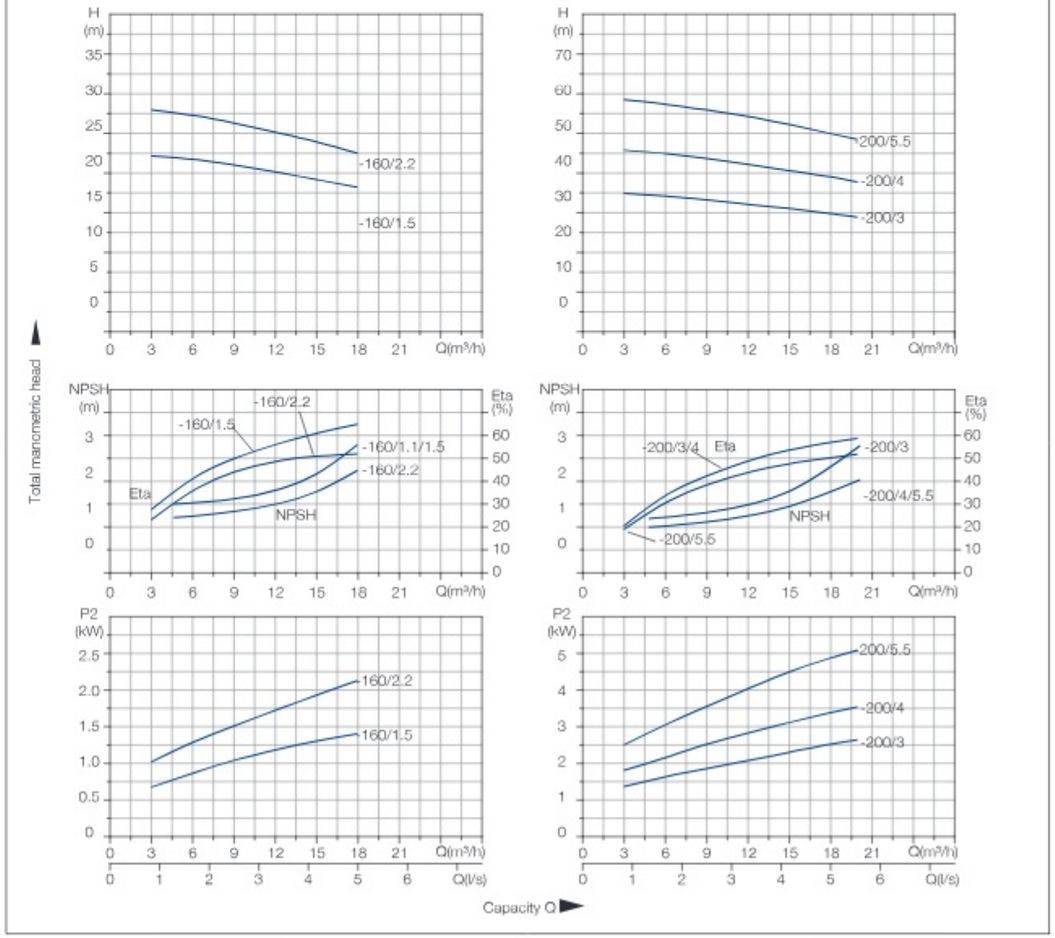


NO.	Name	Materials
1	Motor	-
2	Pump connector	HT200
3	Guard plate	AISI304
4	Shaft	AISI304
5	Gasket	NBR
6	Connector gasket	AISI304
7	Mechanical seal	Graphite silicon carbide
8	Impeller	AISI304
9	Pump body	AISI304
10	Pump base	Q235

TECHNICAL TABLE

Model	Power (kW)	Speed(rpm)	Q[m³/h]	3	6.3	9	12.5	15	18	20
DSTL50-32-160/1.5	1.5	2900	H(m)	22.5	22	21	20	19	18	-
DSTL50-32-160/2.2	2.2			28	27	26.3	25	24	22.5	-
DSTL50-32-200/3	3			34.9	34.1	33.3	32	31	29.8	28.9
DSTL50-32-200/4	4			45.7	44.8	43.7	42	40.7	39	37.7
DSTL50-32-200/5.5	5.5			58.5	57.2	56	54	52.5	50	48.5

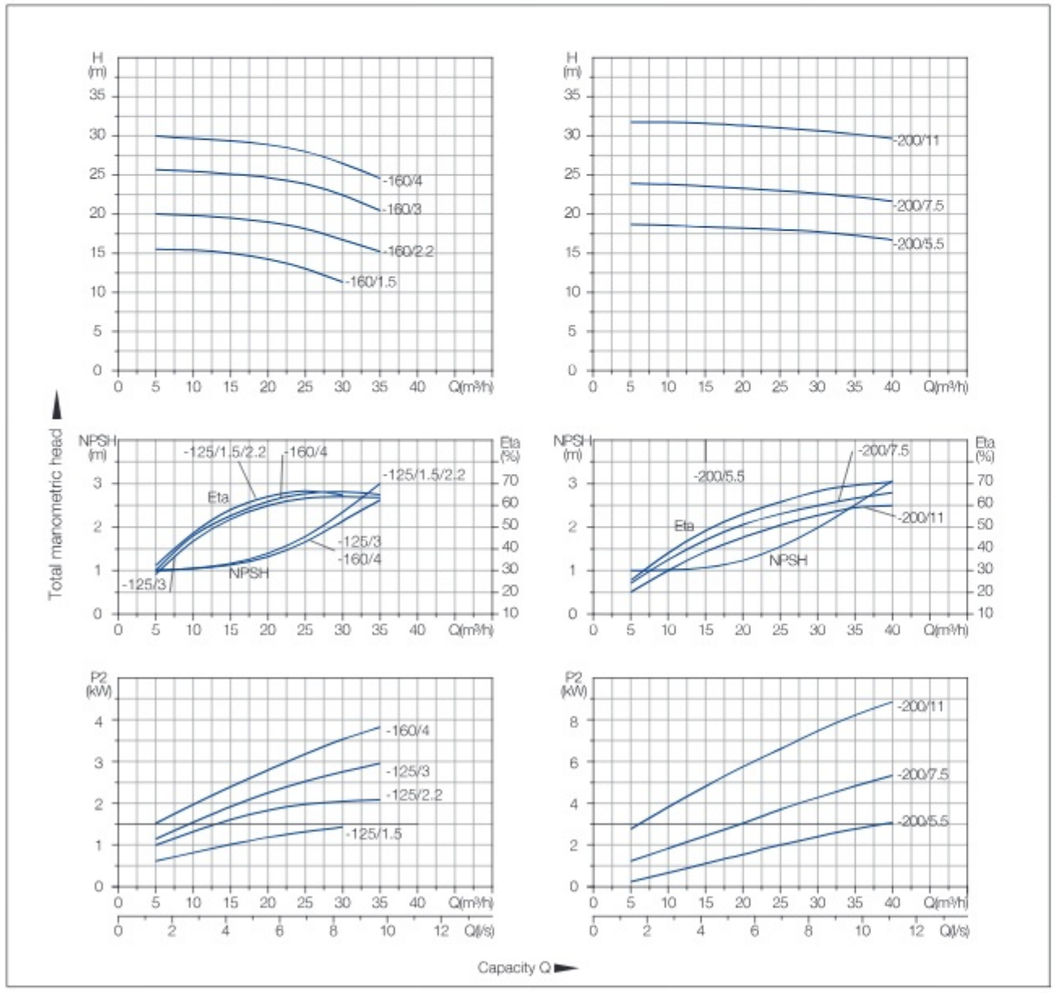
PERFORMANCE CURVES



TECHNICAL TABLE

Model	Power (kW)	Speed(rpm)	Q[m³/h]	5	10	15	20	25	30	35	40
DSTL65-40-125/1.5	1.5	2900	H(m)	15.5	15.4	15	14.4	13	11.3		
DSTL65-40-125/2.2	2.2			20	19.7	19.5	19	18	16.7	15.2	
DSTL65-40-125/3	3			25.7	25.3	25.1	24.8	24	22.3	20.3	
DSTL65-40-160/4	4			30	29.7	29.3	28.9	28	26.5	24.5	
DSTL65-40-200/5.5	5.5			37.4	37.2	36.7	36.4	36	35.5	34.6	33.3
DSTL65-40-200/7.5	7.5			48	47.5	47	46.6	46	45.2	44.5	43.3
DSTL65-40-200/11	11	2950		64	63.5	63	62.5	62	61.5	60.5	59

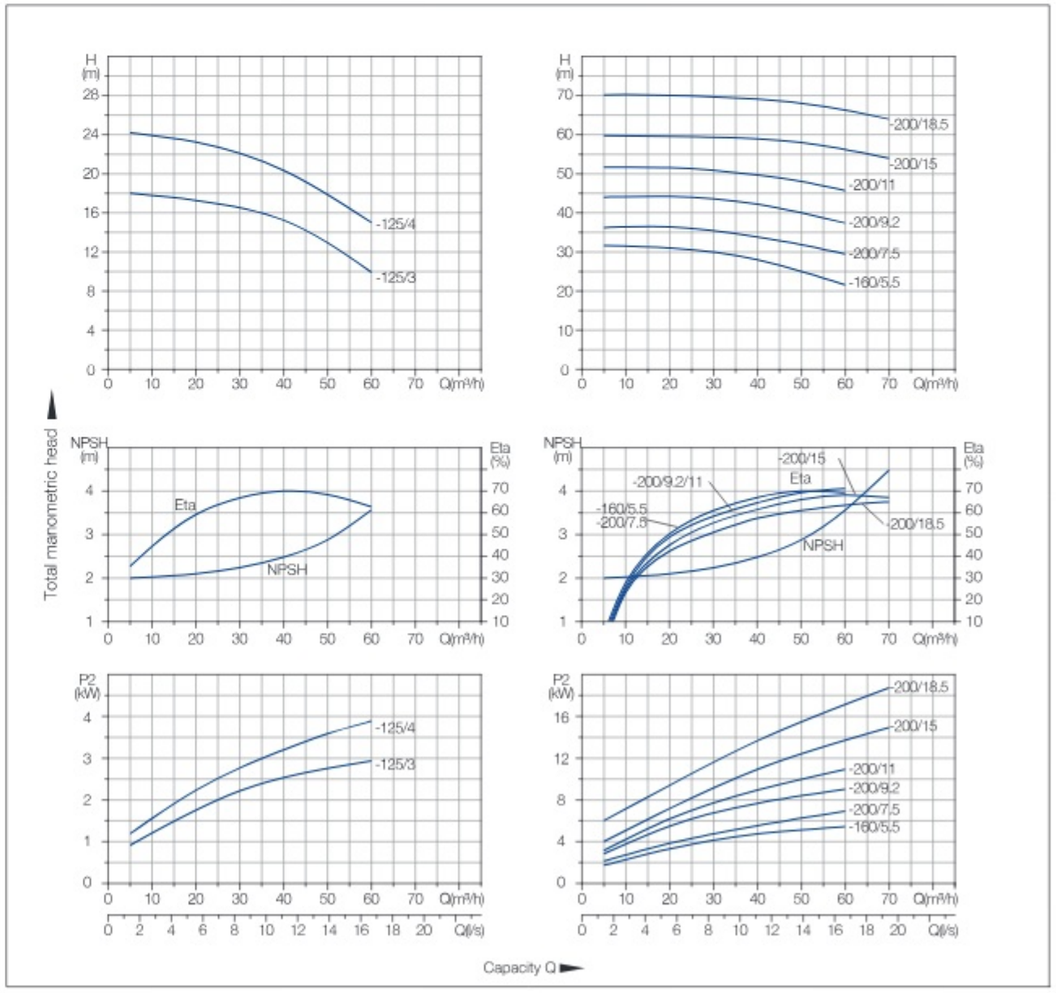
PERFORMANCE CURVES



TECHNICAL TABLE

Model	Power (kW)	Speed(rpm)	Q[m³/h]	5	10	20	30	40	50	60	70
DSTL65-50-125/3	3	2900	H(m)	18	17.8	17.2	16.4	15.1	13	10	
DSTL65-50-125/4	4			24.2	24.2	23.6	22.6	20.7	18	14.8	
DSTL65-50-160/5.5	5.5			31.6	31.5	31	30	28	25	21.5	
DSTL65-50-200/7.5	7.5			36.3	36.6	36.4	35.6	34.1	32	29.6	
DSTL65-50-200/9.2	9.2			43.5	43.5	43.5	43	42	40	37.5	
DSTL65-50-200/11	11	2950		51.5	51.5	51	50	49.3	48	45.6	
DSTL65-50-200/15	15			59.7	59.7	59.6	59.5	59	58	56.2	53
DSTL65-50-200/18.5	18.5			70.2	70.2	70.1	70	69.1	68	66.4	64

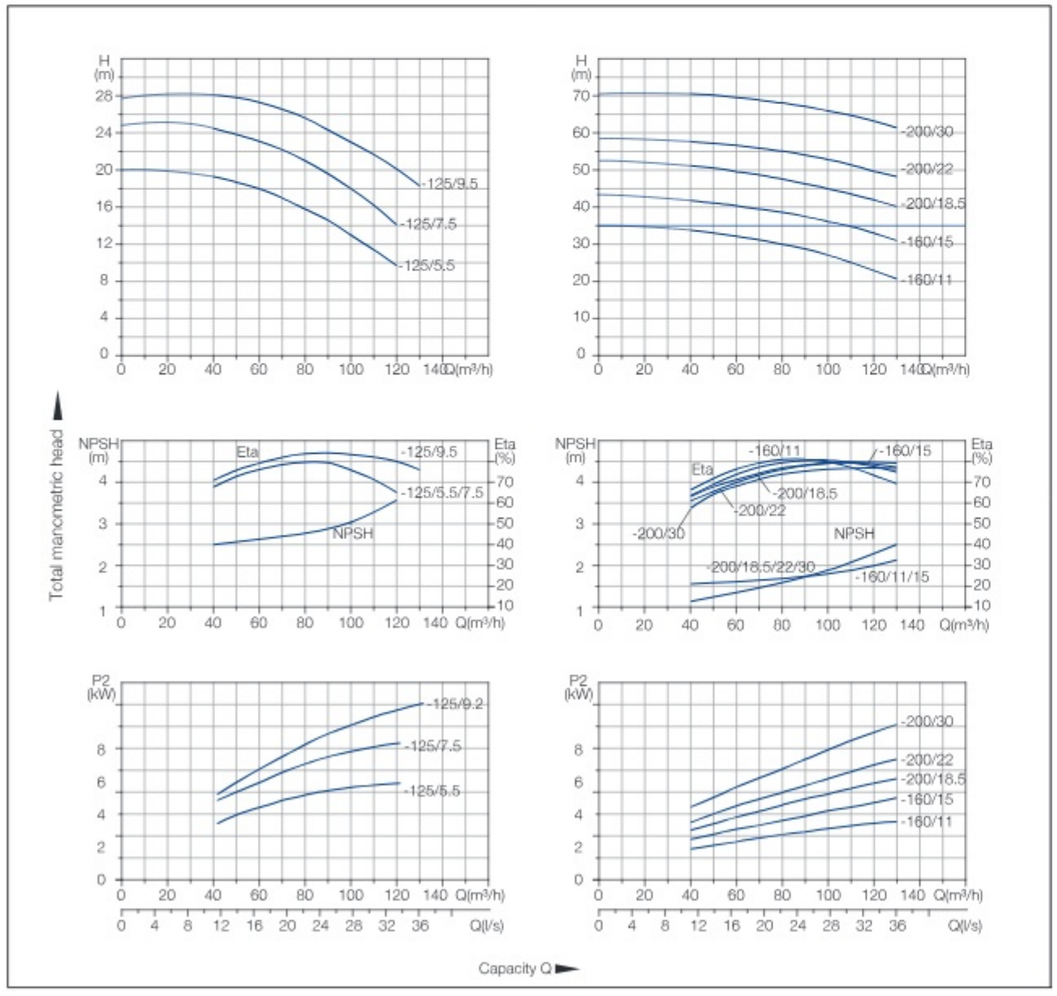
PERFORMANCE CURVES



TECHNICAL TABLE

Model	Power (kW)	Speed(rpm)	Q[m³/h]	40	50	60	70	80	100	110	120	130
DSTL80-65-125/5.5	5.5	2900	H(m)	19.3	18.7	18	17	15.8	13	11.4	9.7	
DSTL80-65-125/7.5	7.5			24.5	23.8	23.1	22.2	21	18	16.2	14.1	
DSTL80-65-125/9.2	9.2			28.1	27.8	27.3	26.6	25.7	23	21.8	20.1	18.3
DSTL80-65-160/11	11	2950		33.9	33	32.2	31.3	29.9	27	25.1	22.9	20.7
DSTL80-65-160/15	15			41.8	41.1	40.4	39.5	38.6	36	34.8	33	31
DSTL80-65-200/18.5	18.5			51	50.5	49.6	48.7	47.6	45	43.5	42.2	40.2
DSTL80-65-200/22	22			57.7	57.2	56.8	55.9	55.1	53	51.6	49.7	48.2
DSTL80-65-200/30	30			70.2	70.2	69.6	68.9t	68.2	66	64.6	63.3	61.4

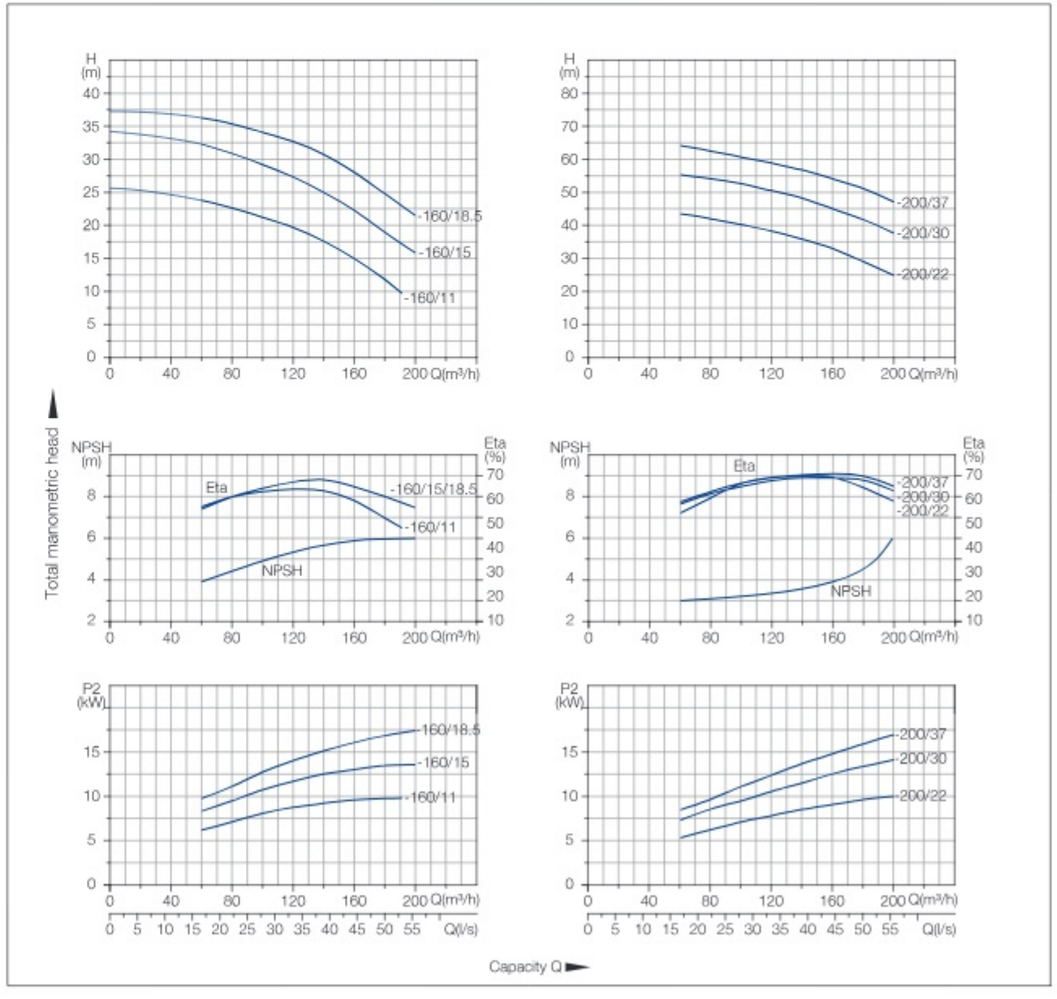
PERFORMANCE CURVES



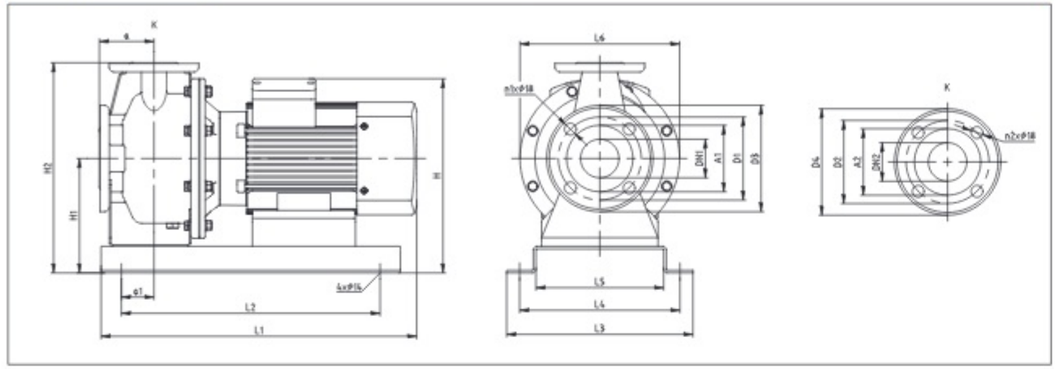
TECHNICAL TABLE

Model	Power (kW)	Speed(rpm)	Q[m³/h]	60	80	100	120	140	160	180	192	200
DSTL100-80-160/11	11	2950	H(m)	23.8	22.7	21.1	19.7	17.6	15	11.8	9.7	
DSTL100-80-160/15	15			32.3	30.8	29.1	27.2	25.1	22	18.8		16.1
DSTL100-80-160/18.5	18.5			36.2	35.2	33.8	32.7	31	28	24.8		21.5
DSTL100-80-200/22	22			43.5	42	39.7	38.3	35.9	33	29		24.9
DSTL100-80-200/30	30			55.4	54.1	52.6	50.5	48.2	45	41.9		37.6
DSTL100-80-200/37	37			64.1	62.5	61	59	57.4	54	51.2		47.1

PERFORMANCE CURVES



DIMENSION DRAWING



SIZE AND WEIGHT

Model	Size[mm]																				Weight
	DN1	DN2	A1	A2	D1	D2	D3	D4	n1	n2	a	a1	H	H1	H2	L1	L2	L3	L4	L5	L6	KG
DSTL50-32-160/1.5	50	32	98	75	125	100	160	139	4	4	80	46	307	152	296	500	430	280	240	192	210	37
DSTL50-32-160/2.2	50	32	98	75	125	100	160	139	4	4	80	46	307	152	296	500	430	280	240	192	210	39
DSTL50-32-200/3	50	32	98	75	125	100	160	139	4	4	84	42	370	200	386	550	460	330	290	242	300	53
DSTL50-32-200/4	50	32	98	75	125	100	160	139	4	4	84	47	393	200	386	560	480	330	290	242	300	58
DSTL50-32-200/5.5	50	32	98	75	125	100	160	139	4	4	84	50	413	200	386	660	580	370	330	280	300	77
DSTL65-40-125/1.5	65	40	118	84	145	110	185	145	4	4	80	45	307	152	294	502	430	280	240	192	210	33
DSTL65-40-125/2.2	65	40	118	84	145	110	185	145	4	4	80	45	307	152	294	502	430	280	240	192	210	35
DSTL65-40-125/3	65	40	118	84	145	110	185	145	4	4	80	45	322	152	294	532	460	300	260	212	250	47
DSTL65-40-160/4	65	40	118	84	145	110	185	145	4	4	80	45	345	152	294	557	480	330	290	242	250	52
DSTL65-40-200/5.5	65	40	118	84	145	110	185	145	4	4	100	50	413	200	380	680	580	370	330	280	300	78
DSTL65-40-200/7.5	65	40	118	84	145	110	185	145	4	4	100	50	413	200	380	680	580	370	330	280	300	82
DSTL65-40-200/11	65	40	118	84	145	110	185	145	4	4	100	50	456	200	380	790	690	420	380	330	350	161
DSTL65-50-125/3	65	50	118	98	145	125	185	160	4	4	86	45	342	172	338	548	468	330	290	242	250	49
DSTL65-50-125/4	65	50	118	98	145	125	185	160	4	4	86	45	365	172	338	570	490	330	290	242	250	54
DSTL65-50-160/5.5	65	50	118	98	145	125	185	160	4	4	100	50	413	200	380	680	580	370	330	280	300	78
DSTL65-50-200/7.5	65	50	118	98	145	125	185	160	4	4	100	50	413	200	380	680	580	370	330	280	300	82
DSTL65-50-200/9.2	65	50	118	98	145	125	185	160	4	4	100	50	413	200	380	680	580	370	330	280	300	85
DSTL65-50-200/11	65	50	118	98	145	125	185	160	4	4	100	50	456	200	380	790	690	420	380	330	350	161
DSTL65-50-200/15	65	50	118	98	145	125	185	160	4	4	100	50	456	200	380	790	690	420	380	330	350	171
DSTL65-50-200/18.5	65	50	118	98	145	125	185	160	4	4	100	50	456	200	380	830	730	420	380	330	350	188
DSTL80-65-125/5.5	80	65	130	118	160	145	200	185	8	4	100	50	413	200	380	690	590	370	330	280	300	79
DSTL80-65-125/5.5	80	65	130	118	160	145	200	185	8	4	100	50	413	200	380	690	590	370	330	280	300	83
DSTL80-65-125/5.5	80	65	130	118	160	145	200	185	8	4	100	50	413	200	380	690	590	370	330	280	300	87
DSTL80-65-160/11	80	65	130	118	160	145	200	185	8	4	100	50	456	200	400	790	690	420	380	330	350	163
DSTL80-65-160/15	80	65	130	118	160	145	200	185	8	4	100	50	456	200	400	790	690	420	380	330	350	173
DSTL80-65-200/18.5	80	65	130	118	160	145	200	185	8	4	100	50	476	220	445	830	730	420	380	330	350	190
DSTL80-65-200/22	80	65	130	118	160	145	200	185	8	4	100	50	500	220	445	880	780	455	415	365	350	220
DSTL80-65-200/30	80	65	130	118	160	145	200	185	8	4	100	50	550	240	465	950	850	495	455	405	400	292

BZ

APPLICATION

- Urban environmental protection
- Domestic water supply
- Fire fighting protection
- Equipment cooling system
- Spray irrigation, etc

OPERATING CONDITIONS

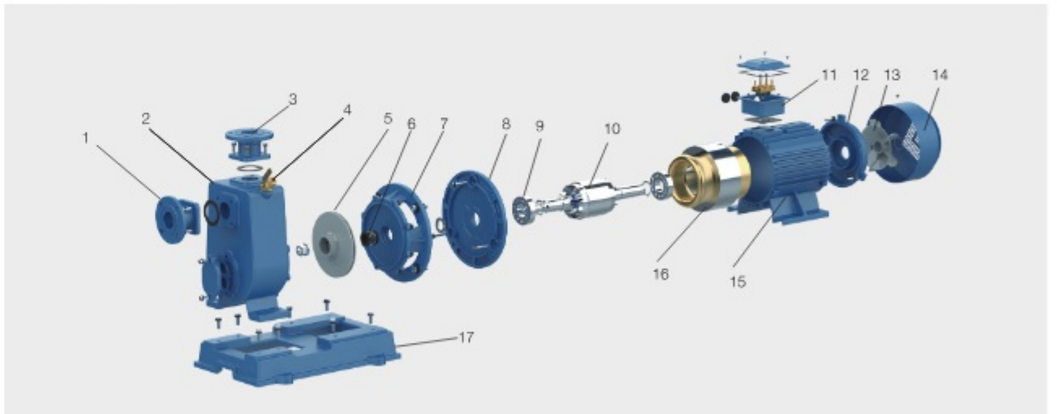
- Max. ambient temperature: 40 C
- Liquid temperature range: 0 C ~70 C
- Max.operating pressure: 10 bar

MODEL INSTRUSTION

BZ 40 - 20 - 1.5

- Rated power of motor (kW)
- Max head(m)
- Inlet and Outlet diameter(mm)
- Series code

MODEL ANALYSIS

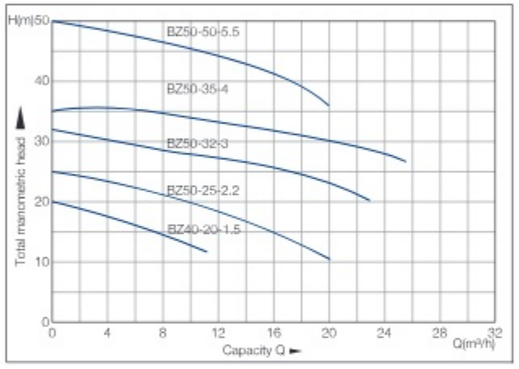


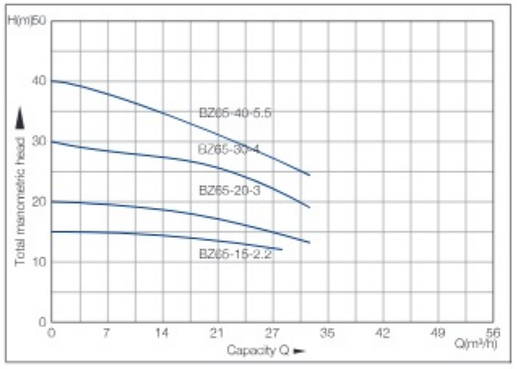
NO.	NAME	Materials	NO.	NAME	Materials	NO.	NAME	Materials
1	Inlet Flange	HT200	7	Connector	HT200	13	Fan:	PP
2	Pump body	HT200	8	Front end cover	HT200	14	Fan cover	Carbon steel
3	Outlet Flange	HT200	9	Bearing	-	15	Motor base	HT200
4	Brass ball valve	-	10	Rotor	-	16	Stator	-
5	Impeller	HT200	11	Terminal box	Carbon steel	17	Pump base	HT200
6	Mechanical seal	Graphite silicon carbide	12	Rear cover	HT200			

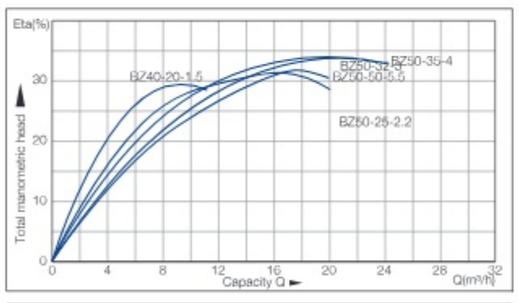
TECHNICAL TABLE

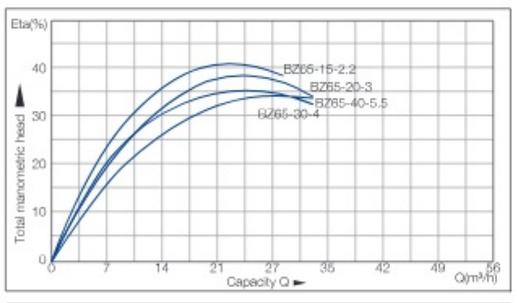
Model	Inlet (mm)	Outlet (mm)	Max. flow (m³/h)	Max. head (m)	Power (kW)	Voltage (V)	Speed (r/min)
BZ40-20-1.5	40	40	11.5	20	1.5	380	2900
BZ50-25-2.2	50	50	20	25	2.2	380	2900
BZ50-32-3	50	50	23	32	3	380	2900
BZ50-35-4	50	50	25	35	4	380	2900
BZ50-50-5.5	50	50	20	50	5.5	380	2900
BZ65-15-2.2	65	65	28	15	2.2	380	2900
BZ65-20-3	65	65	32	20	3	380	2900
BZ65-30-4	65	65	32	30	4	380	2900
BZ65-40-5.5	65	65	32	40	5.5	380	2900
BZ80-30-7.5	80	80	55	36	7.5	380	2900
BZ80-50-11	80	80	60	50	1.1	380	2900
BZ100-20-7.5	100	100	70	27	7.5	380	2900
BZ100-32-15	100	100	120	40	15	380	2900

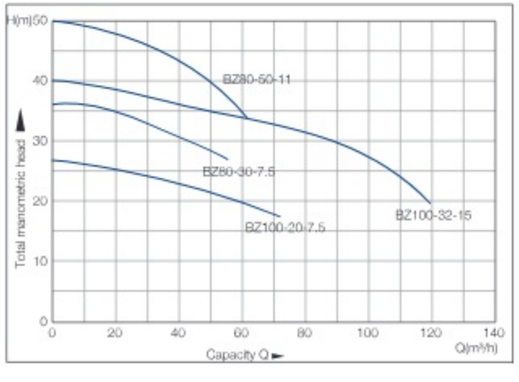
PERFORMANCE CURVES

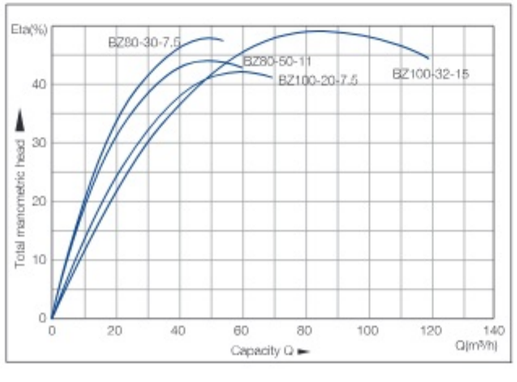




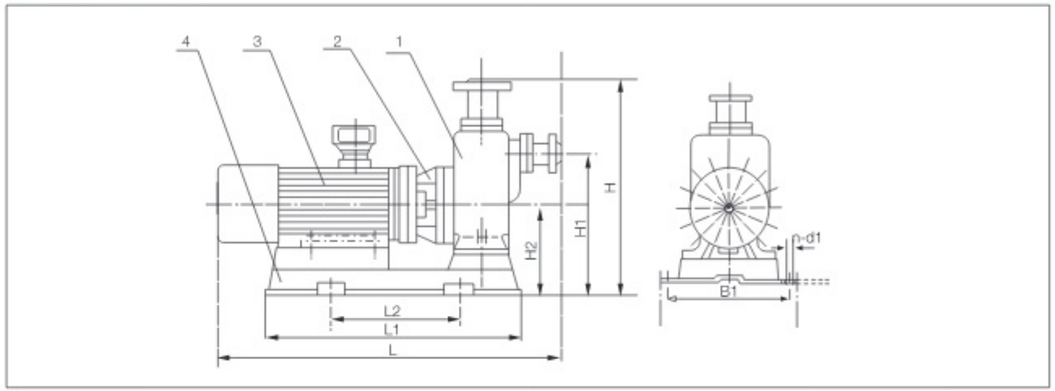








DIMENSION DRAWING



SIZE AND WEIGHT

Model	Size[mm]													Weight
	L	H	B	L1	L2	H1	H2	B1	n-d1	DN	D1	D2	N-D	KG
BZ40-20-1.5	530	430	300	405	224	285	171	260	4×φ12	40	130	100	4×φ14	55
BZ50-25-2.2	575	475	300	435	271	295	183	258	4×φ12	50	140	110	4×φ14	59
BZ65-15-2.2	590	490	300	435	271	305	183	258	4×φ12	65	160	130	4×φ16	62.5
BZ50-32-3	630	475	350	470	258	295	186	303	4×φ12	50	140	110	4×φ14	75
BZ65-20-3	645	510	350	470	258	325	186	303	4×φ12	65	160	130	4×φ16	79
BZ50-35-4	640	515	380	490	300	370	200	340	4×φ14	50	140	110	4×φ14	84
BZ65-30-4	645	530	380	490	300	345	200	340	4×φ14	65	160	130	4×φ16	84
BZ50-50-5.5	690	530	385	530	340	370	223	340	4×φ14	50	140	110	4×φ14	112
BZ65-40-5.5	705	545	385	530	340	355	223	340	4×φ14	65	160	130	4×φ16	115
BZ80-30-7.5	930	585	390	530	340	365	223	340	4×φ14	80	185	150	4×φ18	128
BZ100-20-7.5	945	595	390	530	340	375	223	340	4×φ14	100	205	170	8×φ18	132
BZ80-50-11	885	640	470	680	420	420	244	415	4×φ14	80	185	150	4×φ18	197
BZ100-32-15	900	630	470	680	420	405	244	415	4×φ14	100	205	170	8×φ18	202

ZW

APPLICATION

- Urban environmental protection,
- Domestic water supply
- Fire fighting protection
- Equipment cooling system
- Spray irrigation, etc.

OPERATING CONDITIONS

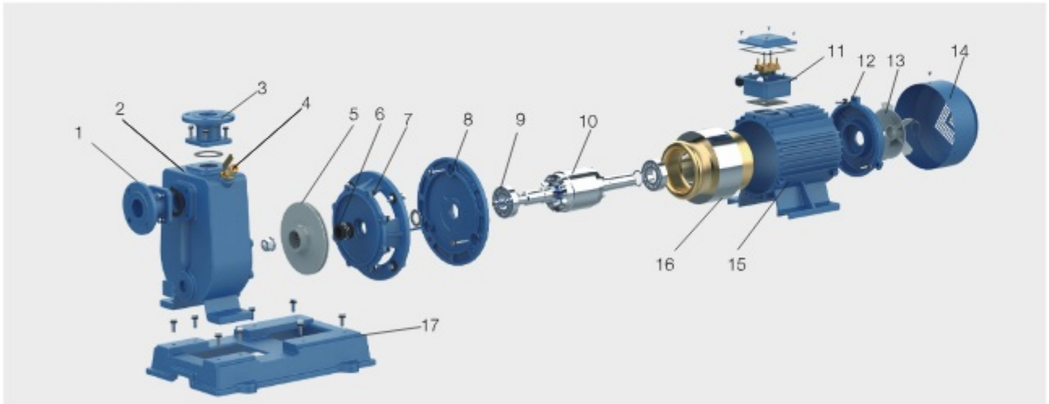
- Max. ambient temperature: 40 C
- Liquid temperature range: 0 C ~70 C
- Max.operating pressure: 10 bar

MODEL INSTRUSTION

40 ZW 8 - 15 - 1.5

- Rated power of motor (kW)
- Max head(m)
- Max Flow(m^3/h)
- Series code
- Inlet and Outlet diameter(mm)

MODEL ANALYSIS



NO.	NAME	Materials	NO.	NAME	Materials	NO.	NAME	Materials
1	Inlet Flange	HT200	7	Connector	HT200	13	Fan:	PP
2	Pump body	HT200	8	Front end cover	HT200	14	Fan cover	Carbon steel
3	Outlet Flange	HT200	9	Bearing	-	15	Motor base	HT200
4	Brass ball valve	-	10	Rotor	-	16	Stator	-
5	Impeller	HT200	11	Terminal box	Carbon steel	17	Pump base	HT200
6	Mechanical seal	Alloy on silicon carbide	12	Rear cover	HT200			

TECHNICAL TABLE

Model	Power		Q[m^3/h]	0	2	4	6	8	10
Three phase 380V/50Hz	(kW)	(HP)	Q[l/min]	0	33.3	66.7	100.0	133.3	166.7
40ZW8-15-1.5	1.5	2	H(m)	14.5	13.8	13.2	12.2	11	9.5

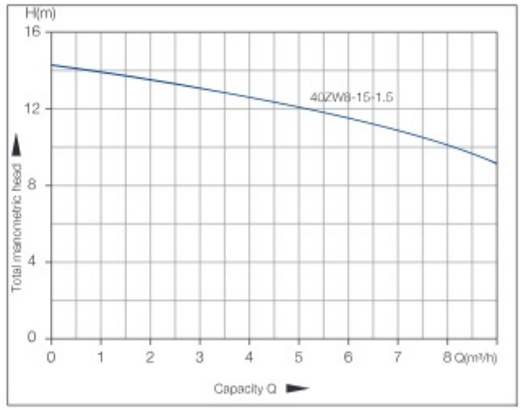
Model	Power		Q[m^3/h]	0	5	10	15	20	25
Three phase 380V/50Hz	(kW)	(HP)	Q[l/min]	0	83.3	166.7	250.0	333.3	416.7
50ZW10-20-2.2	2.2	3	H(m)	20.4	19	17	15	12	8.7

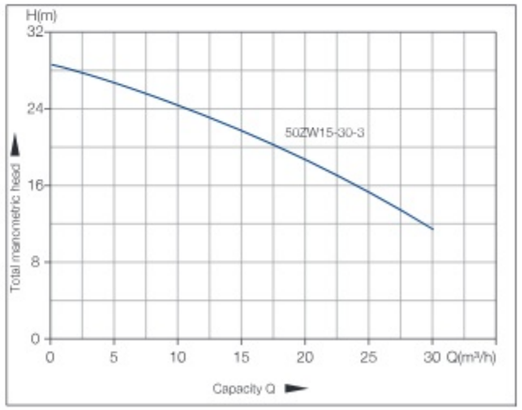
Model	Power		Q[m^3/h]	0	6	12	18	24	30
Three phase 380V/50Hz	(kW)	(HP)	Q[l/min]	0	100	200	300	400	500
50ZW15-30-3	3	4	H(m)	29	26.7	24.5	21.2	18	14

Model	Power		Q[m^3/h]	0	4	8	12	16	20
Three phase 380V/50Hz	(kW)	(HP)	Q[l/min]	0	66.7	133.3	200	266.7	333.3
65ZW20-30-5.5	5.5	7.4	H(m)	32	30.4	29.1	27.4	24.3	18.5

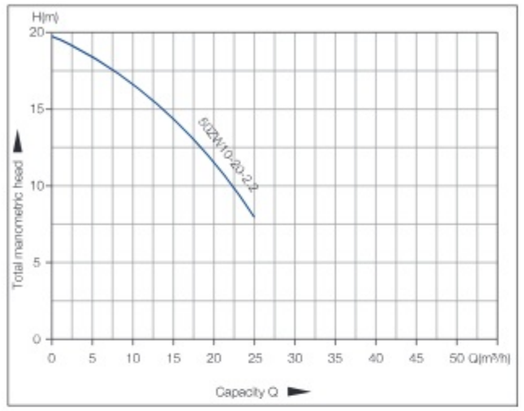
Model	Power		Q[m^3/h]	0	10	20	30	40	50
Three phase 380V/50Hz	(kW)	(HP)	Q[l/min]	0	166.7	333.3	500	666.7	833.3
65ZW40-50-11	11	16	H(m)	46	42.5	40	38	33.5	31

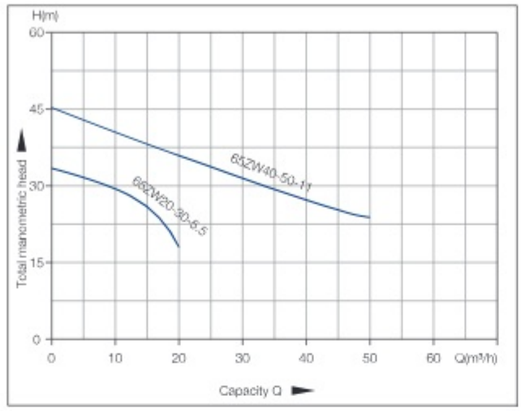
TECHNICAL TABLE



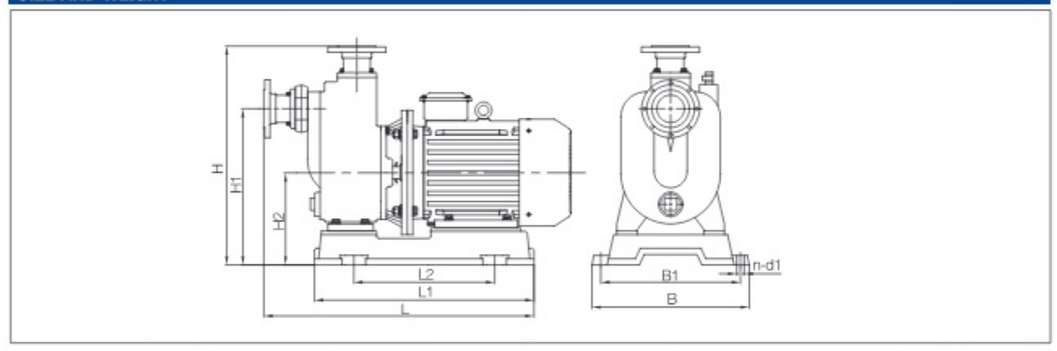


TECHNICAL TABLE





SIZE AND WEIGHT



Model	Size[mm]									Weight
	L	H	B	L1	L2	H1	H2	B1	n×d1	KG
40ZW8-15-1.5	550	465	300	460	240	295	175	260	4×φ16	55
50ZW10-20-2.2	600	475	300	460	240	295	175	260	4×φ16	60
50ZW15-30-3	680	510	350	510	280	340	185	310	4×φ18	71
65ZW20-30-5.5	820	630	400	550	340	450	245	350	4×φ16	127
65ZW40-50-11	930	640	475	680	425	465	245	425	4×φ18	197