

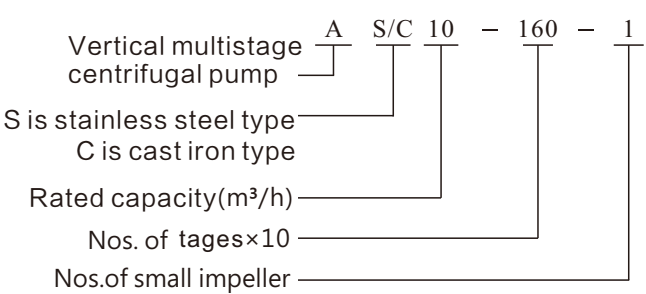
A detailed view of a vertical industrial pump assembly. It features a grey, ribbed motor housing at the top, a central shaft, and a large, cylindrical stainless steel body. The assembly is mounted on a base with four vertical support legs.

CONTENTS

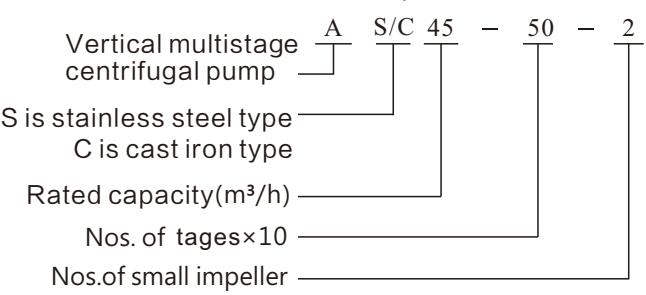
7	AS/AC1	29	AS/AC32
9	AS/AC2	31	AS/AC45
11	AS/AC3	33	AS/AC64
13	AS/AC4	35	AS/AC90
15	AS/AC5	37	AS/AC100
17	AS/AC8	39	AS/AC130
19	AS/AC10	41	AS/AC160
21	AS/AC12	43	AS/AC190
23	AS/AC15	45	AS/AC220
25	AS/AC16	47	AS/AC260
27	AS/AC20	49	AS/AC300
		51	AS/AC350
		53	AS/AC400
		55	AS/AC450

Model specification

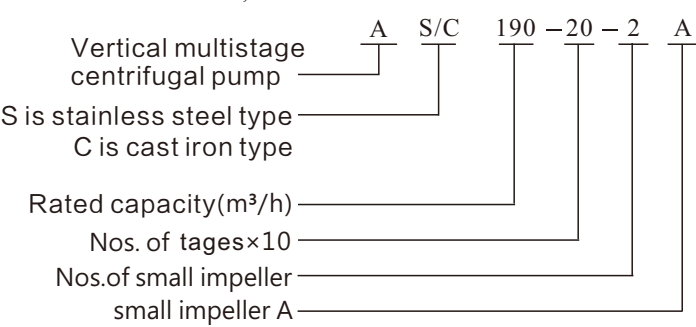
AS,AC1/2/3/4/5/8/10/12/15/16/20



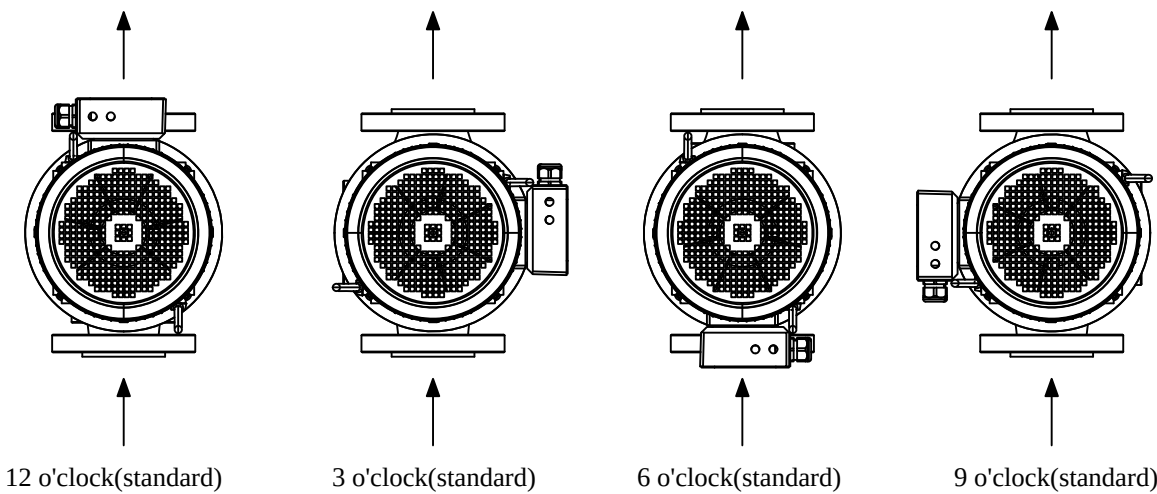
AS,AC32/45/64/90



AS,AC100/130/160/190/220/260



Position of terminal box



Applications

Water supply

- Waterfilter
- Supercharging
- Pressurization of hotels
- Industrial pressurization

Industrial boosting

- Cleaning system
- High pressure flushing system
- Firefighting system
- Car cleaning equipment

Industrial liquid transport

- Cooling air conditioning system
- Boiler feed water
- Condens ing system and cooling tower
- Machine tool cooling lubrication system

Water treatment

- Ultrafiltration system
- Reverse osmosis system
- Distillation system
- Separator
- Swimming pool

Irrigation

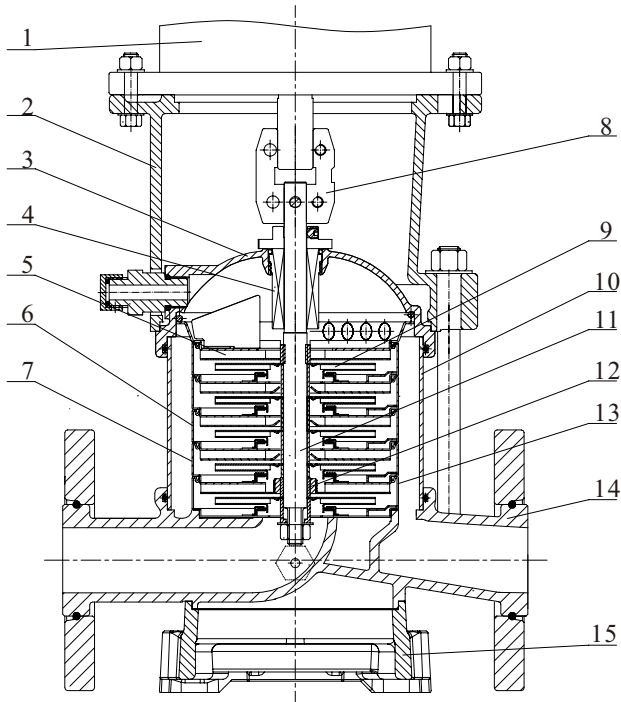
- Regional irrigation
- Sprinkler irrigation

Specification

Parameter	AS/AC1	AS/AC2	AS/AC3	AS/AC4	AS/AC5	AS/AC8	AS/AC10	AS/AC12	AS/AC15	AS/AC16	AS/AC20
m³/h	1	2	3	4	5	8	10	12	15	16	20
l/s	0. 28	0.56	0. 83	1.1	1.39	2.2	2. 78	3.3	4. 17	4.4	5.6
m³/h	0. 4~2.4	1~3.5	1.2~4	1.5~6	2. 5~8. 5	5~12	5~13	7~16	8~23	8~22	10 ~28
l/s	0.11 ~0.66	0.28~0.97	0.33~1.1	0.42~1.63	0.69~2.36	1.39~3.3	1.39~3.61	1.9~4.4	2.22~6.39	2.2~6.1	2.8~7.8
bar	36	32	29	33	33	33	34	32	32	29	25
kW	0. 37~3	0.37~5.5	0.37~5.5	0.55~7.5	0.37~7.5	0.75~15	0.75~15	1.5~18.5	1. 1~22	2.2~22	1.1~22
°C	-15~+115										
%	48	52	57	57	66	62	68	63	68	66	68
AS pipeline											
DIN Flange	DN25	DN25	DN25	DN32	DN32	DN40	DN40	DN50	DN50	DN50	DN50
Thread	R ₁ 1 ¼"	R ₁ 1 ¼"	R ₁ 1 ¼"	R ₁ 1 ¼"	R ₁ 1 ¼"	R ₁ 2"	R ₁ 2"	R ₁ 2"	R ₁ 2"	R ₁ 2"	R ₁ 2"
Victaulic	DN32	DN32	DN32	DN32	DN32	DN50	DN50	DN50	DN50	DN50	DN50
AC pipeline											
DIN Flange	DN25	DN25	DN25	DN32	DN32	DN40	DN40	DN50	DN50	DN50	DN50
Oval flange	R _p 1	R _p 1	R _p 1	R _p 1 ¼	R _p 1 ¼	R _p 1 ½	R _p 1 ½	R _p 1 ½	R _p 1 ½	R _p 1 ½	R _p 1 ½

Parameter	AS/AC32	AS/AC45	AS/AC64	AS/AC90	AS/AC100	AS/AC130	AS/AC160	AS/AC190	AS/AC220	AS/AC260
m³ /h	32	45	64	90	100	130	160	190	220	260
l/s	8.9	12.5	17.8	25	27. 78	36. 11	44.44	52. 78	61.11	72.22
m³ /h	16 ~42	25 ~55	30 ~80	50 ~110	50 ~125	60~160	80~200	90 ~240	105 ~282	125 ~330
l/s	4. 4~11	6. 9~15.3	8~22	14 ~30	14~34. 7	16. 7~44. 4	22. 2~55.6	25~66. 7	29.2~78.3	34.7~91.7
bar	37	37	30	27	30	33	27	34	34	27
kW	2. 2~45	4~55	4~75	7.5~75	5. 5~75	11~110	11~110	18. 5~200	22~200	30~200
°C	-15~+115									
%	75	77	78	79	81	82	82	82	83	84
Pipeline										
DIN Flange	DN65	DN80	DN100	DN100	DN100	DN150	DN150	DN200	DN200	DN200

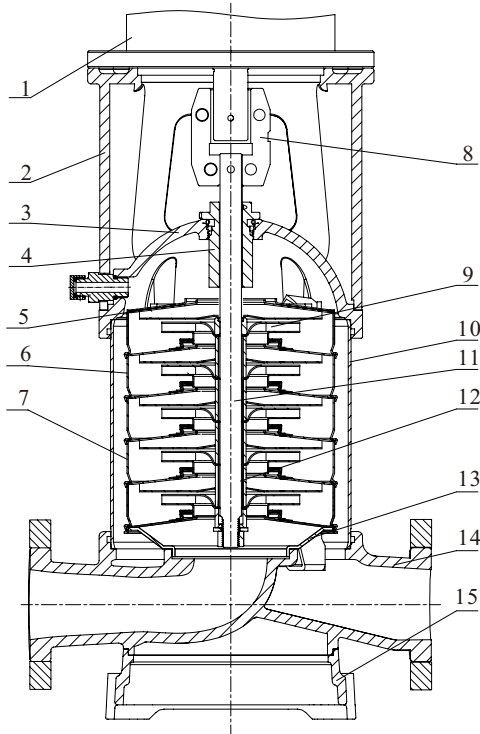
Structure AS/AC1,2,3,4,5



Material AS/AC1,2,3,4,5

No.	Spare part	Material		GB		EN DIN		AISI/ASTM	
		AC	AS	AC	AS	AC	AS	AC	AS
1	Motor	/		/		/		/	
2	Bracket	Ductile CI		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTMA536 65-45-12	
3	Mech.seal seat	Ductile CI/SS		GB 1348-QT500-7/ GB/T20878-06Cr19Ni10		EN 1563 EN-GJS-500-7/ EN 10088-1.4301		ASTMA536 65-45-12/ AISI304	
4	Mech.seal	/		/		/		/	
5	Top diffuser	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
6	Diffuser	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
7	Support diffuser	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
8	Coupling	Ductile CI		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTMA536 65-45-12	
9	Impeller	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
10	Casing	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
11	Shaft	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
12	Bush	Silicon carbide/ Tunsten carbide		/		/		/	
13	Suction diffuser	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
14	Base	Ductile CI/SS		GB 1348-QT500-7/ GB/T20878-06Cr19Ni10		EN 1563 EN-GJS-500-7/ EN 10088-1.4301		ASTMA536 65-45-12/ AISI304	
15	Base plate	Ductile CI		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTMA536 65-45-12	

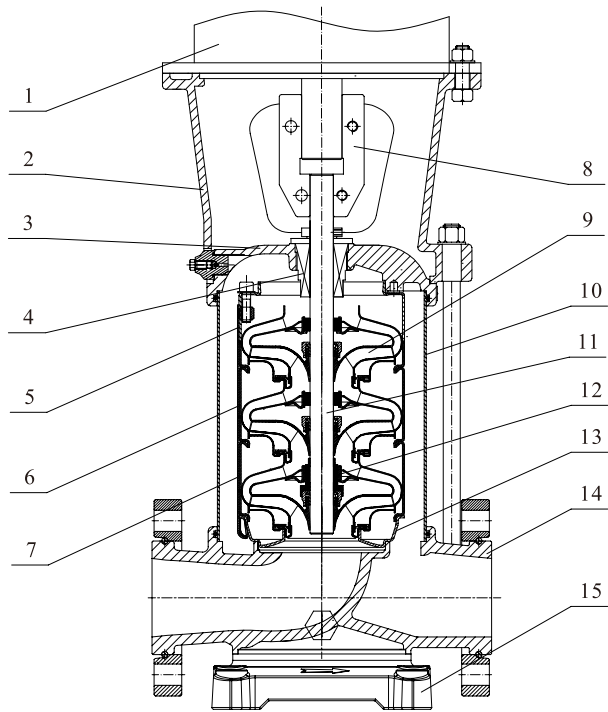
Structure AS/AC8,10,12,15,16,20



Material AS/AC8,10,12,15,16,20

No.	Spare part	Material		GB		EN DIN		AISI/ASTM	
		AC	AS	AC	AS	AC	AS	AC	AS
1	Motor	/		/		/		/	
2	Bracket	Ductile CI		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTMA536 65-45-12	
3	Mech.seal seat	Ductile CI/SS		GB 1348-QT500-7/ GB/T20878-06Cr19Ni10		EN 1563 EN-GJS-500-7/ EN 10088-1.4301		ASTMA536 65-45-12/ AISI304	
4	Mech.seal	/		/		/		/	
5	Top diffuser	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
6	Diffuser	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
7	Support diffuser	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
8	Coupling	Ductile CI		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTMA536 65-45-12	
9	Impeller	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
10	Casing	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
11	Shaft	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
12	Bush	Silicon carbide/ Tunsten carbide		/		/		/	
13	Suction diffuser	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
14	Base	Ductile CI/SS		GB 1348-QT500-7/ GB/T20878-06Cr19Ni10		EN 1563 EN-GJS-500-7/ EN 10088-1.4301		ASTMA536 65-45-12/ AISI304	
15	Base plate	Ductile CI		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTMA536 65-45-12	

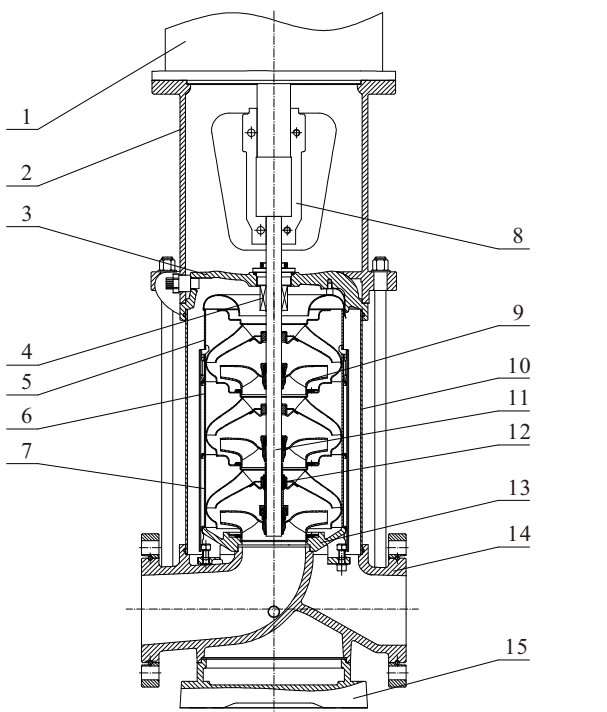
Structure AS/AC32,45,64,90



Material AS/AC32,45,64,90

No.	Spare part	Material		GB		EN DIN		AISI/ASTM	
		AC	AS	AC	AS	AC	AS	AC	AS
1	Motor	/		/		/		/	
2	Bracket	Ductile CI		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTMA536 65-45-12	
3	Mech.seal seat	Ductile CI/SS		GB 1348-QT500-7/ GB/T20878-06Cr19Ni10		EN 1563 EN-GJS-500-7/ EN 10088-1.4301		ASTMA536 65-45-12/ AISI304	
4	Mech.seal	/		/		/		/	
5	Top diffuser	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
6	Diffuser	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
7	Support diffuser	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
8	Coupling	Ductile CI		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTMA536 65-45-12	
9	Impeller	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
10	Casing	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
11	Shaft	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
12	Bush	Silicon carbide/ Tunsten carbide		/		/		/	
13	Suction diffuser	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
14	Base	Ductile CI/SS		GB 1348-QT500-7/ GB/T20878-06Cr19Ni10		EN 1563 EN-GJS-500-7/ EN 10088-1.4301		ASTMA536 65-45-12/ AISI304	
15	Base plate	Ductile CI		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTMA536 65-45-12	

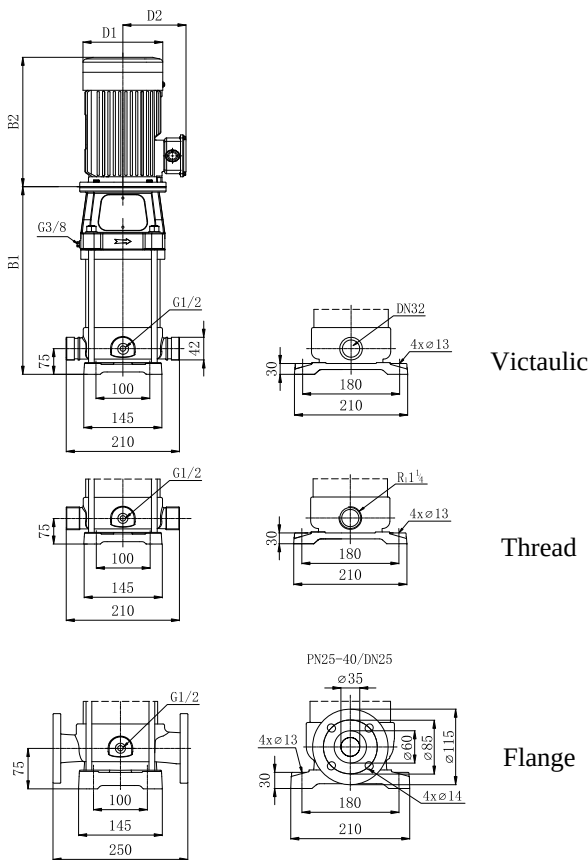
Structure AS/AC100,130,160,190,220,260



Material AS/AC100,130,160,190,220,260

No.	Spare part	Material		GB		EN DIN		AISI/ASTM	
		AC	AS	AC	AS	AC	AS	AC	AS
1	Motor	/		/		/		/	
2	Bracket	Ductile CI		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTMA536 65-45-12	
3	Mech.seal seat	Ductile CI/SS		GB 1348-QT500-7/ GB/T20878-06Cr19Ni10		EN 1563 EN-GJS-500-7/ EN 10088-1.4301		ASTMA536 65-45-12/ AISI304	
4	Mech.seal	/		/		/		/	
5	Top diffuser	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
6	Diffuser	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
7	Support diffuser	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
8	Coupling	Ductile CI		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTMA536 65-45-12	
9	Impeller	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
10	Casing	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
11	Shaft	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
12	Bush	Silicon carbide/ Tunsten carbide		/		/		/	
13	Suction diffuser	SS		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
14	Base	Ductile CI/SS		GB 1348-QT500-7/ GB/T20878-06Cr19Ni10		EN 1563 EN-GJS-500-7/ EN 10088-1.4301		ASTMA536 65-45-12/ AISI304	
15	Base plate	Ductile CI		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTMA536 65-45-12	

Installation dimension and weight

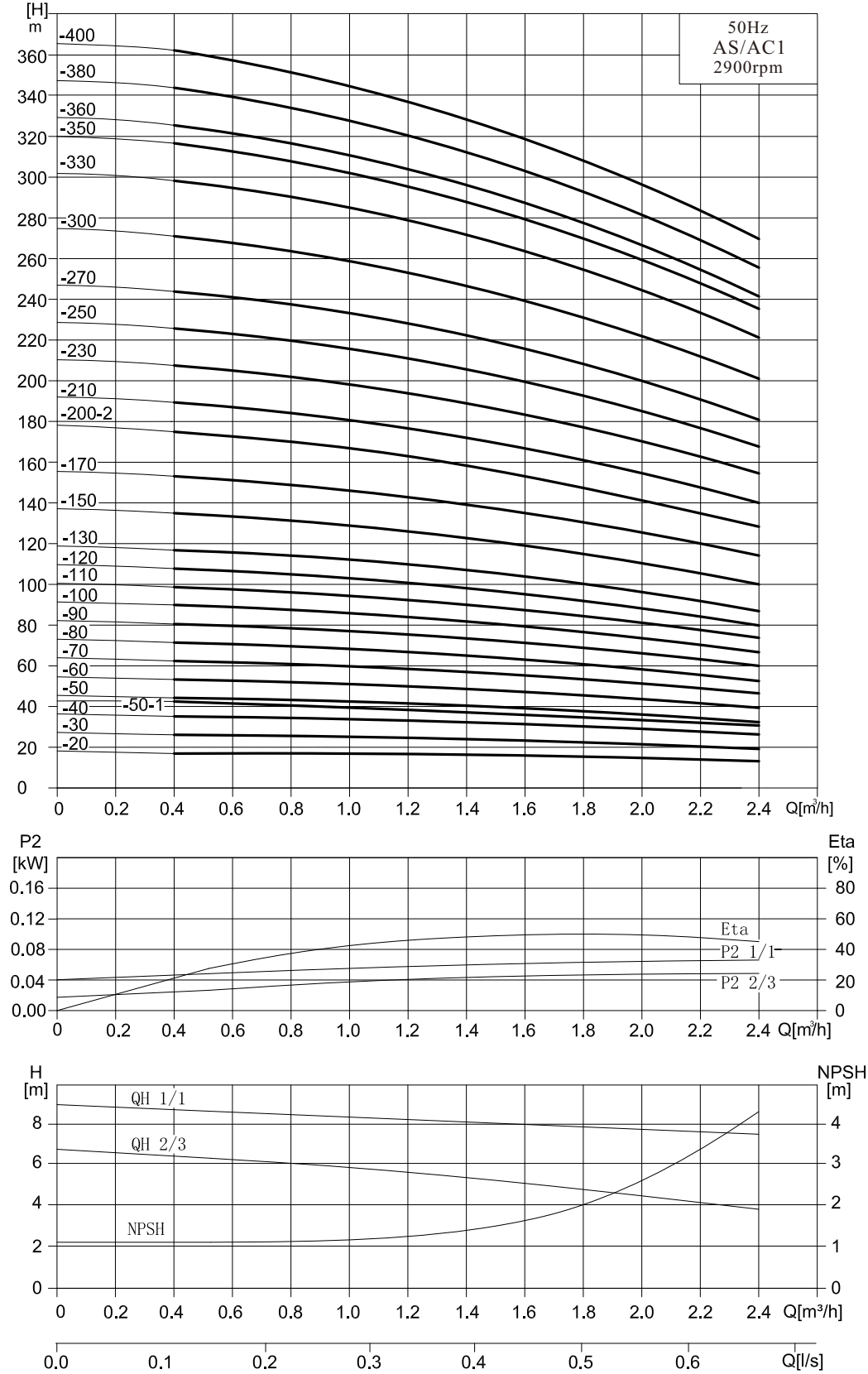


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS1-20	262	249	511	139	116	21
AS1-30	280	249	529	139	116	21
AS1-40	298	249	547	139	116	22
AS1-50-1	316	249	565	139	116	23
AS1-50	316	249	565	139	116	24
AS1-60	334	249	583	139	116	25
AS1-70	352	249	601	139	116	26
AS1-80	380	271	651	154	124	29
AS1-90	398	271	669	154	124	30
AS1-100	416	271	687	154	124	31
AS1-110	434	271	705	154	124	33
AS1-120	452	271	723	154	124	34
AS1-130	470	271	741	154	124	35
AS1-150	506	271	777	154	124	36
AS1-170	552	272	824	166	135	43
AS1-200-2	606	272	878	166	135	45
AS1-210	624	322	946	166	135	48
AS1-230	660	322	982	166	135	49
AS1-250	696	322	1018	166	135	51
AS1-270	732	322	1054	166	135	52
AS1-300	786	322	1108	166	135	54
AS1-330	850	339	1189	193	147	66
AS1-350	886	339	1225	193	147	67
AS1-360	904	339	1243	193	147	68
AS1-380	940	339	1279	193	147	69
AS1-400	976	339	1315	193	147	70

Performance data

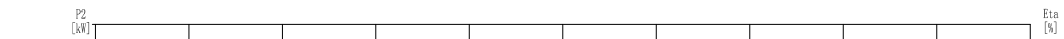
Model	kW	Q (m³/h)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2	2.2	2.4
AS1-20	0.37	H (m)	18	17.7	17.4	17	16.8	16.5	16	15.5	15	14	13
AS1-30	0.37		27	26.7	26.4	26	25	24.5	24	23	22	21	20
AS1-40	0.37		36	35.5	35	34	33.5	33	32	31	30	28	27
AS1-50-1	0.37		43	42	41	39.5	39	38	37	36	34	33	31
AS1-50	0.55		45	44.5	44	43	42	41	40	38.5	37	35	33.5
AS1-60	0.55		54	53.5	53	51	50	49	48	46	44	42	40
AS1-70	0.55		63	62.5	61.5	60	59	58	56	54	52	50	47
AS1-80	0.75		72	71.5	70	69	67	66	64	62	59	57	54
AS1-90	0.75		81	80	79	77	76	74	72	69	67	64	60
AS1-100	0.75		90	89	88	86	84	82	80	77	74	71	67
AS1-110	1.1		99	98	97	94	93	90	88	85	81	78	74
AS1-120	1.1		108	107	105	103	101	99	96	93	89	85	80
AS1-130	1.1		117	116	114	111	110	107	104	100	96	92	87
AS1-150	1.1		135	134	132	129	126	123	120	116	111	106	100
AS1-170	1.5		153	151.5	150	146	143	140	135	131	126	120	114
AS1-200-2	1.5		175	173	170	167	163	158	153	148	142	136	128
AS1-210	2.2		189	187.5	185	180	177	173	167	162	155	149	141
AS1-230	2.2		207	205	202	197	194	189	183	177	170	163	154
AS1-250	2.2		225	223	220	214	211	206	199	193	185	177	167
AS1-270	2.2		243	241	238	231	227	222	215	208	200	191	181
AS1-300	2.2		270	268	264	257	253	247	239	231	222	212	201
AS1-330	3		297	295	290	283	278	271	263	255	244	234	221
AS1-350	3		315	312	308	300	295	288	279	270	259	248	234
AS1-360	3		324	321	317	309	303	296	287	278	266	255	241
AS1-380	3		344	339	334	328	320	312	303	293	281	269	256
AS1-400	3		362	357	351	345	337	328	319	308	296	284	270

Performance curve

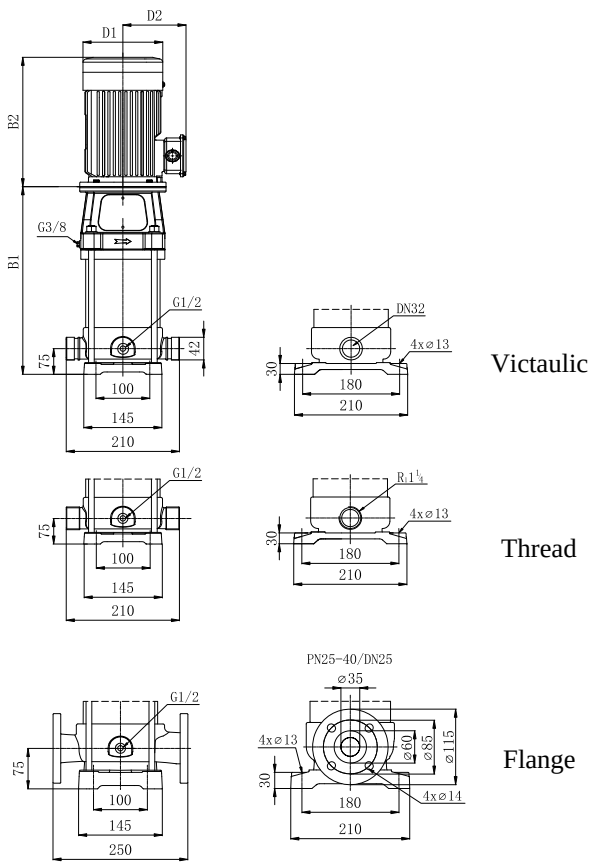


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Installation dimension and weight

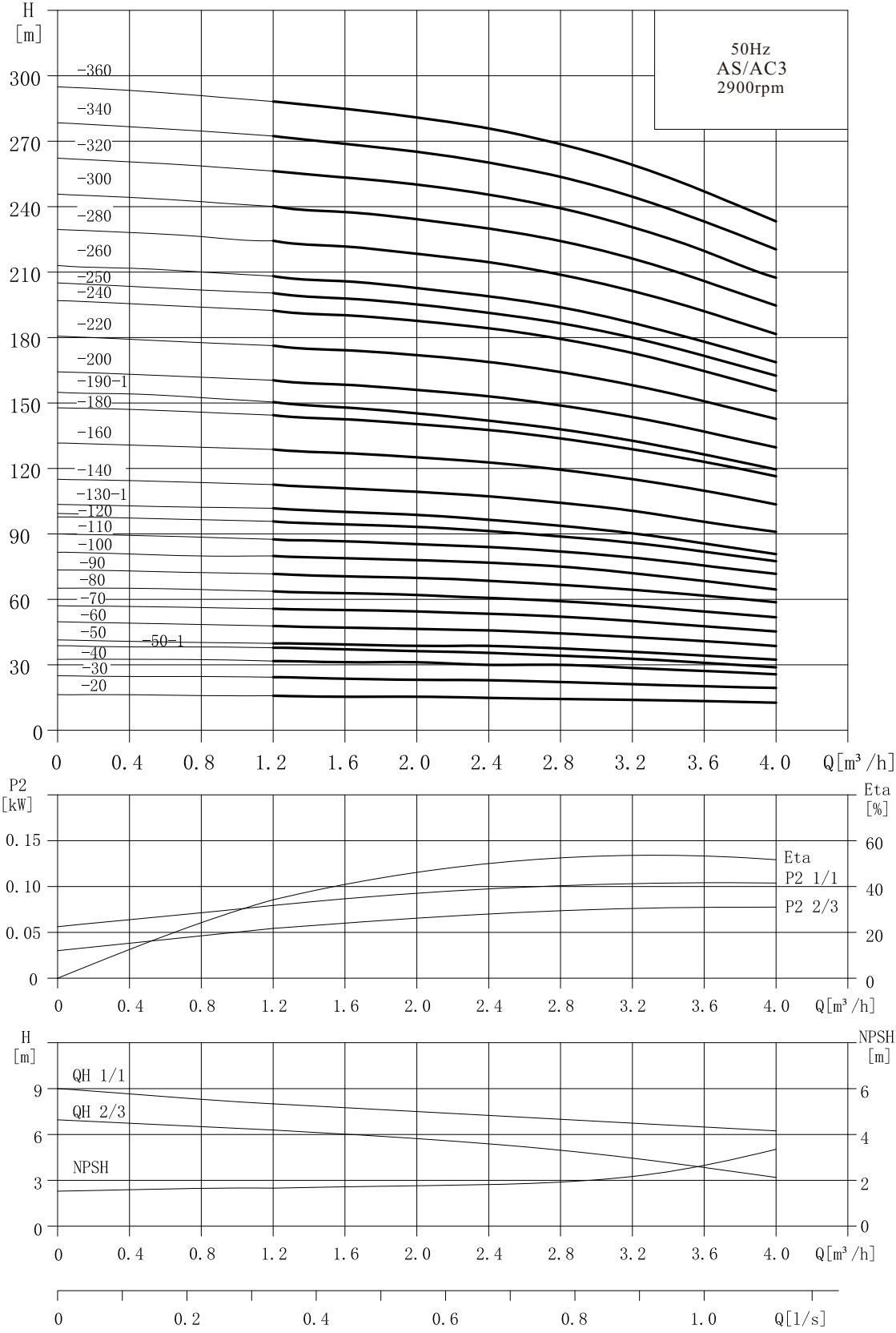


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS3-20	262	249	511	139	116	21
AS3-30	280	249	529	139	116	22
AS3-40	298	249	547	139	116	24
AS3-50-1	316	249	565	139	116	25
AS3-50	326	271	597	154	124	28
AS3-60	344	271	615	154	124	29
AS3-70	362	271	633	154	124	31
AS3-80	380	271	651	154	124	32
AS3-90	398	271	669	154	124	33
AS3-100	426	272	698	166	135	39
AS3-110	444	272	716	166	135	40
AS3-120	462	272	734	166	135	40
AS3-130-1	480	272	752	166	135	41
AS3-140	498	322	820	166	135	44
AS3-160	534	322	856	166	135	44
AS3-180	570	322	892	166	135	45
AS3-190-1	588	322	910	166	135	46
AS3-200	616	339	955	193	147	56
AS3-220	652	339	991	193	147	58
AS3-240	688	339	1027	193	147	59
AS3-250	706	339	1045	193	147	60
AS3-260	724	354	1078	220	172	69
AS3-280	760	354	1114	220	172	70
AS3-300	796	354	1150	220	172	71
AS3-320	832	354	1186	220	172	73
AS3-340	888	414	1302	259	192	90
AS3-360	924	414	1338	259	192	92

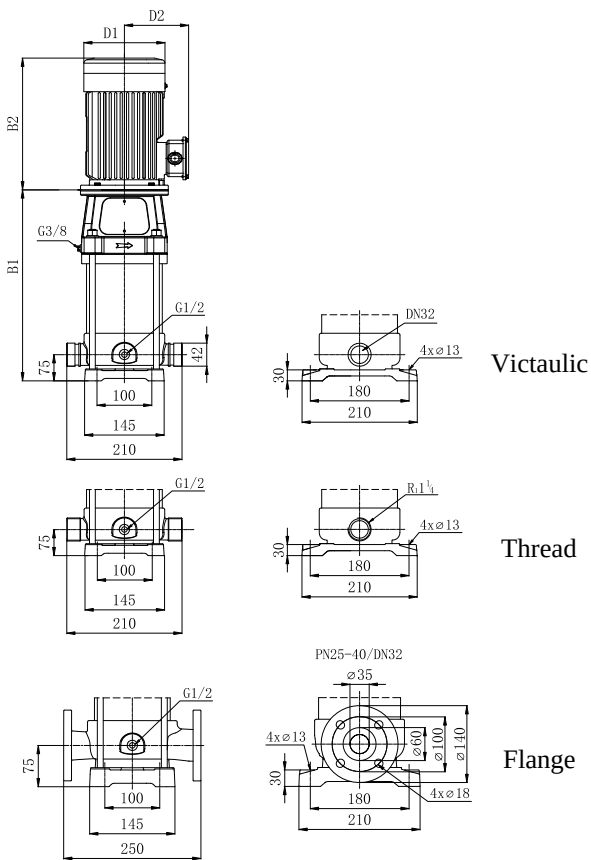
Performance data

Model	kW	Q (m³/h)	H (m)									
			1.2	1.6	2	2.4	2.8	3	3.2	3.6	4	
AS3-20	0.37	H (m)	16	15.8	15.5	15.2	14.8	14.5	14	13.5	13	
AS3-30	0.37		24.5	24	23.5	23	22.5	22	21.5	20.5	19.5	
AS3-40	0.55		32	31.5	31	30.5	30	29.5	28.5	27.5	26	
AS3-50-1	0.55		38	37	37	36	35	34	33	31	29	
AS3-50	0.75		40	39.5	39	38	37	37	36	34	32.5	
AS3-60	0.75		48	47.5	47	45.5	44.5	44	43	41	39	
AS3-70	1.1		56	55	54.5	53	52	51.5	50	48	45.5	
AS3-80	1.1		64	63	62.5	60.5	59	58.5	57	54.5	52	
AS3-90	1.1		72	71	70	68	67	66	65	61	59	
AS3-100	1.5		80	79	78	76	74	74	72	68	65	
AS3-110	1.5		88	87	86	83	81	81	79	75	72	
AS3-120	1.5		96	95	94	91	89	88	86	82	78	
AS3-130-1	1.5		102	101	100	96	94	93	91	86	81	
AS3-140	2.2		113	110	110	106	103	103	100	95	91	
AS3-160	2.2		129	126	125	121	118	118	115	109	104	
AS3-180	2.2		145	142	141	136	133	132	129	123	117	
AS3-190-1	2.2		151	148	147	141	138	137	134	127	120	
AS3-200	3		161	158	157	152	148	147	143	136	130	
AS3-220	3		177	173	172	167	163	162	158	150	143	
AS3-240	3		193	189	188	182	177	177	172	164	156	
AS3-250	3		201	197	196	190	185	184	179	170	163	
AS3-260	4		209	205	204	197	192	191	186	177	169	
AS3-280	4		225	221	219	212	207	206	201	191	182	
AS3-300	4		241	236	235	227	222	221	215	205	195	
AS3-320	4		257	252	251	243	236	236	229	218	208	
AS3-340	5.5		273	268	266	258	251	250	244	232	221	
AS3-360	5.5		289	284	282	273	266	265	258	245	234	

Performance curve



Installation dimension and weight



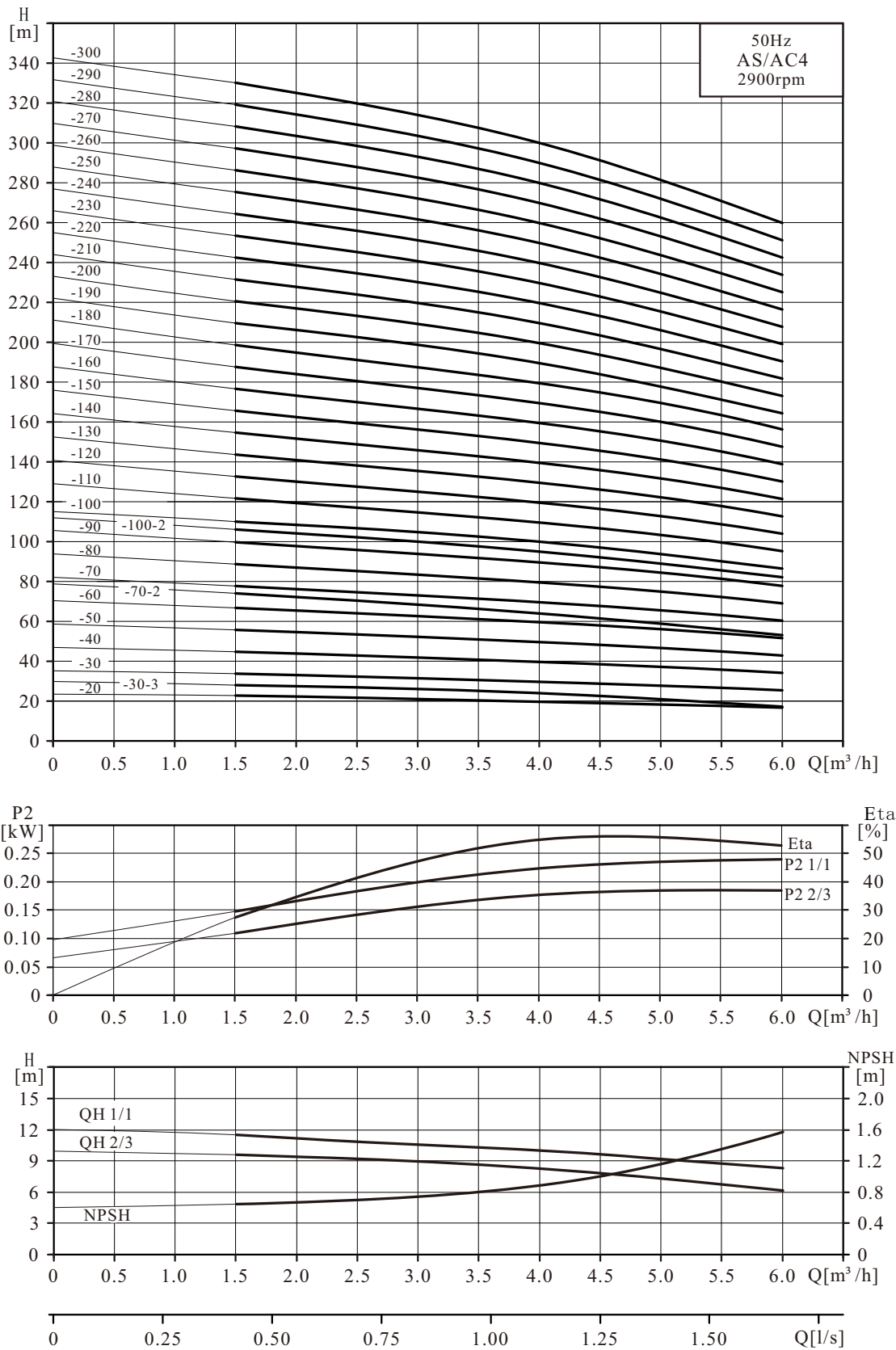
Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS4-20	280	249	520	139	116	23
AS4-30-3	307	249	547	139	116	25
AS4-30	317	271	597	154	124	27
AS4-40	344	271	624	154	124	30
AS4-50	371	271	651	154	124	30
AS4-60	408	272	758	166	135	37
AS4-70-2	435	272	785	166	135	38
AS4-70	435	322	785	166	135	40
AS4-80	462	322	812	166	135	41
AS4-90	489	322	839	166	135	41
AS4-100-2	516	322	866	166	135	42
AS4-100	526	339	936	193	147	50
AS4-110	553	339	963	193	147	53
AS4-120	580	339	990	193	147	54
AS4-130	607	339	1017	193	147	54
AS4-140	634	354	1044	220	172	63
AS4-150	661	354	1071	220	172	64
AS4-160	688	354	1098	220	172	64
AS4-170	715	354	1125	220	172	65
AS4-180	742	354	1152	220	172	68
AS4-190	789	414	1254	259	192	83
AS4-200	816	414	1281	259	192	83
AS4-210	843	414	1308	259	192	84
AS4-220	870	414	1335	259	192	85
AS4-230	897	414	1362	259	192	91
AS4-240	924	414	1389	259	192	92
AS4-250	951	414	1416	259	192	93
AS4-260	978	414	1443	259	192	93
AS4-270	1005	414	1470	259	192	94
AS4-280	1032	414	1497	259	192	95
AS4-290	1059	414	1524	259	192	96
AS4-300	1086	414	1551	259	192	96

Performance data

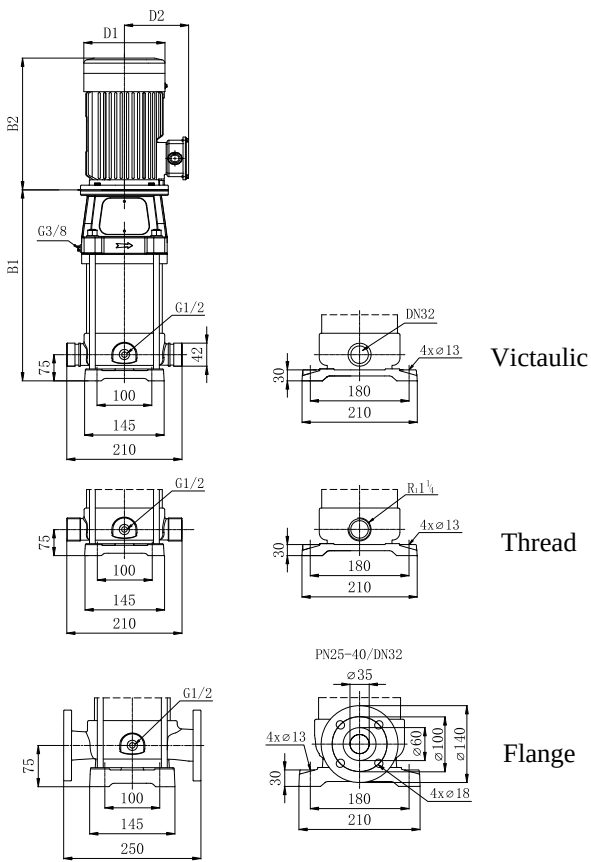
Model	kW	Q (m³/h)	1.5	2.0	3.0	4.0	5.0	6.0
AS4-20	0.55	H (m)	23	22	21	20	18	17
AS4-30-3	0.55		28	27	26	24	20	18
AS4-30	0.75		33	32	31	30	28	26
AS4-40	1.1		44	43	41	40	38	35
AS4-50	1.1		55	54	52	50	47	44
AS4-60	1.5		66	65	62	60	56	53
AS4-70-2	1.5		74	72	68	64	59	53
AS4-70	2.2		77	75	73	70	66	61
AS4-80	2.2		88	86	83	80	75	70
AS4-90	2.2		98	97	93	90	85	79
AS4-100-2	2.2		106	104	100	95	90	84
AS4-100	3		110	108	104	100	95	88
AS4-110	3		121	119	114	110	104	97
AS4-120	3		132	130	125	120	113	106
AS4-130	3		143	140	135	130	123	114
AS4-140	4		154	152	145	140	132	123

Model	kW	Q (m³/h)	1.5	2.0	3.0	4.0	5.0	6.0
AS4-150	4	H (m)	165	162	156	150	142	132
AS4-160	4		176	173	166	160	151	141
AS4-170	4		187	184	177	170	161	150
AS4-180	4		198	195	187	180	170	159
AS4-190	5.5		210	206	199	190	178	164
AS4-200	5.5		220	217	209	200	187	173
AS4-210	5.5		231	228	220	210	197	182
AS4-220	5.5		242	238	230	220	206	190
AS4-230	7.5		253	249	240	230	215	199
AS4-240	7.5		264	260	251	240	225	208
AS4-250	7.5		275	271	261	250	234	216
AS4-260	7.5		286	282	272	260	244	225
AS4-270	7.5		297	292	282	270	253	234
AS4-280	7.5		308	303	293	280	263	242
AS4-290	7.5		319	314	303	290	272	251
AS4-300	7.5		330	325	314	300	282	260

Performance curve



Installation dimension and weight

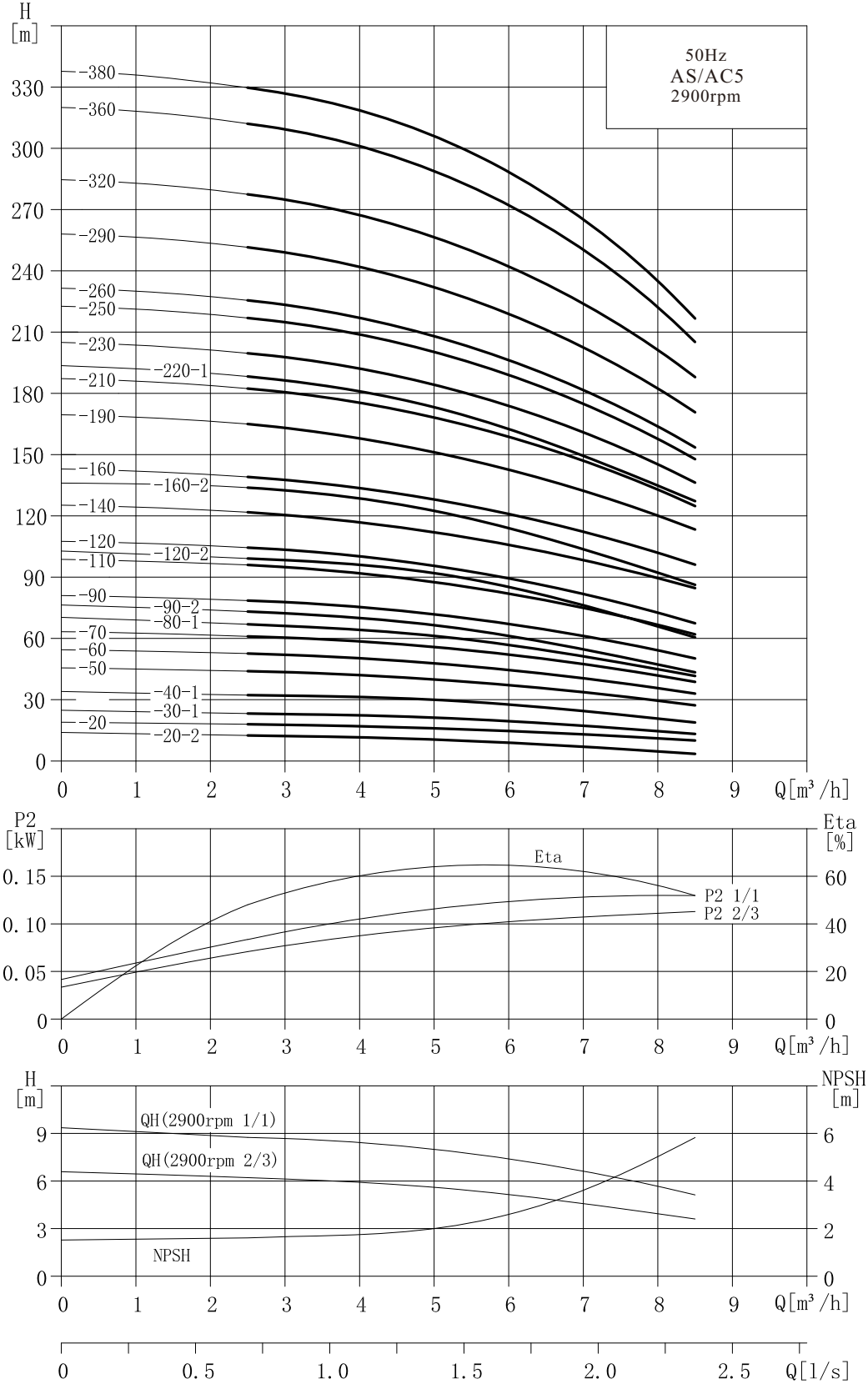


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS5-20-2	280	249	529	139	116	21
AS5-20	280	249	529	139	116	23
AS5-30-1	307	249	556	139	116	23
AS5-40-1	344	271	615	154	124	27
AS5-50	371	271	642	154	124	29
AS5-60	398	271	669	154	124	30
AS5-70	435	272	707	166	135	36
AS5-80-1	462	272	734	166	135	37
AS5-90-2	489	272	761	166	135	38
AS5-90	489	322	811	166	135	40
AS5-110	543	322	865	166	135	40
AS5-120-2	570	322	892	166	135	41
AS5-120	570	322	892	166	135	42
AS5-140	634	339	973	193	147	52
AS5-160-2	688	339	1027	193	147	54
AS5-160	688	339	1027	193	147	54
AS5-190	769	354	1123	220	172	64
AS5-210	823	354	1177	220	172	66
AS5-220-1	850	354	1204	220	172	66
AS5-230	897	414	1311	259	192	83
AS5-250	951	414	1365	259	192	84
AS5-260	978	414	1392	259	192	85
AS5-290	1059	414	1473	259	192	93
AS5-320	1140	414	1554	259	192	95
AS5-360	1248	414	1662	259	192	99
AS5-380	1302	414	1716	259	192	101

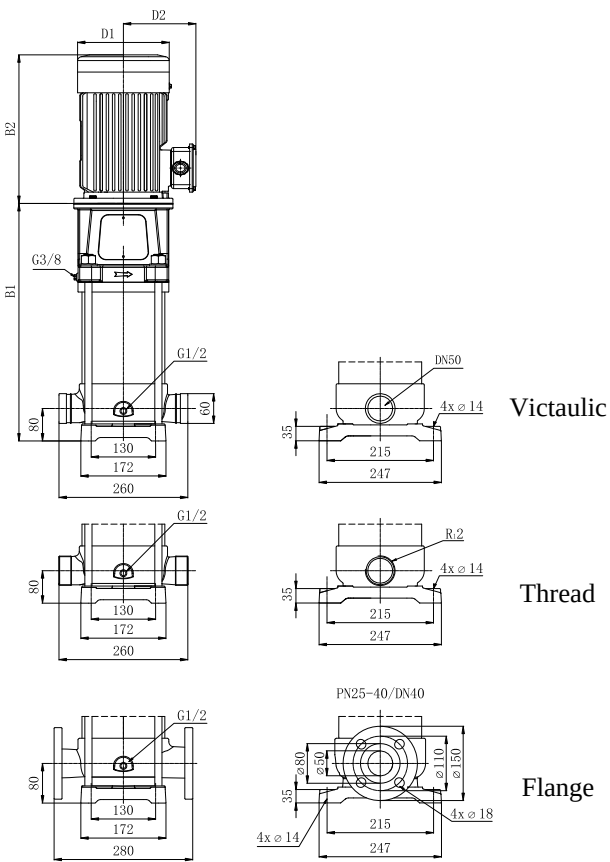
Performance data

Model	kW	Q (m³/h)	2.5	4	5	6	7	8.5
AS5-20-2	0.37	H (m)	12.5	11.5	10.5	9	7	3.5
AS5-20	0.55		17	16.5	16	15	14	12
AS5-30-1	0.55		23	22	21	20	17	13
AS5-40-1	0.75		32	31	30	27	24	19
AS5-50	1.1		43	42	40	38	35	29
AS5-60	1.1		52	50	48	45	42	34
AS5-70	1.5		61	59	56	53	49	40
AS5-80-1	1.5		67	64	61	57	52	42
AS5-90-2	1.5		73	70	67	62	56	43
AS5-90	2.2		78	75	72	68	62	51
AS5-110	2.2		95	92	88	83	76	63
AS5-120-2	2.2		99	95	92	85	76	61
AS5-120	2.2		104	101	96	91	83	68
AS5-140	3		121	117	112	106	97	80
AS5-160-2	3		134	129	123	115	104	83
AS5-160	3		139	134	128	121	111	91
AS5-190	4		165	159	152	143	132	108
AS5-210	4		182	176	168	159	146	120
AS5-220-1	4		188	182	173	163	149	121
AS5-230	5.5		199	193	184	174	160	131
AS5-250	5.5		217	210	200	189	174	143
AS5-260	5.5		225	218	208	196	181	148
AS5-290	7.5		251	243	232	219	201	165
AS5-320	7.5		277	268	256	242	222	182
AS5-360	7.5		312	302	288	272	250	205
AS5-380	7.5		330	319	306	289	265	217

Performance curve



Installation dimension and weight

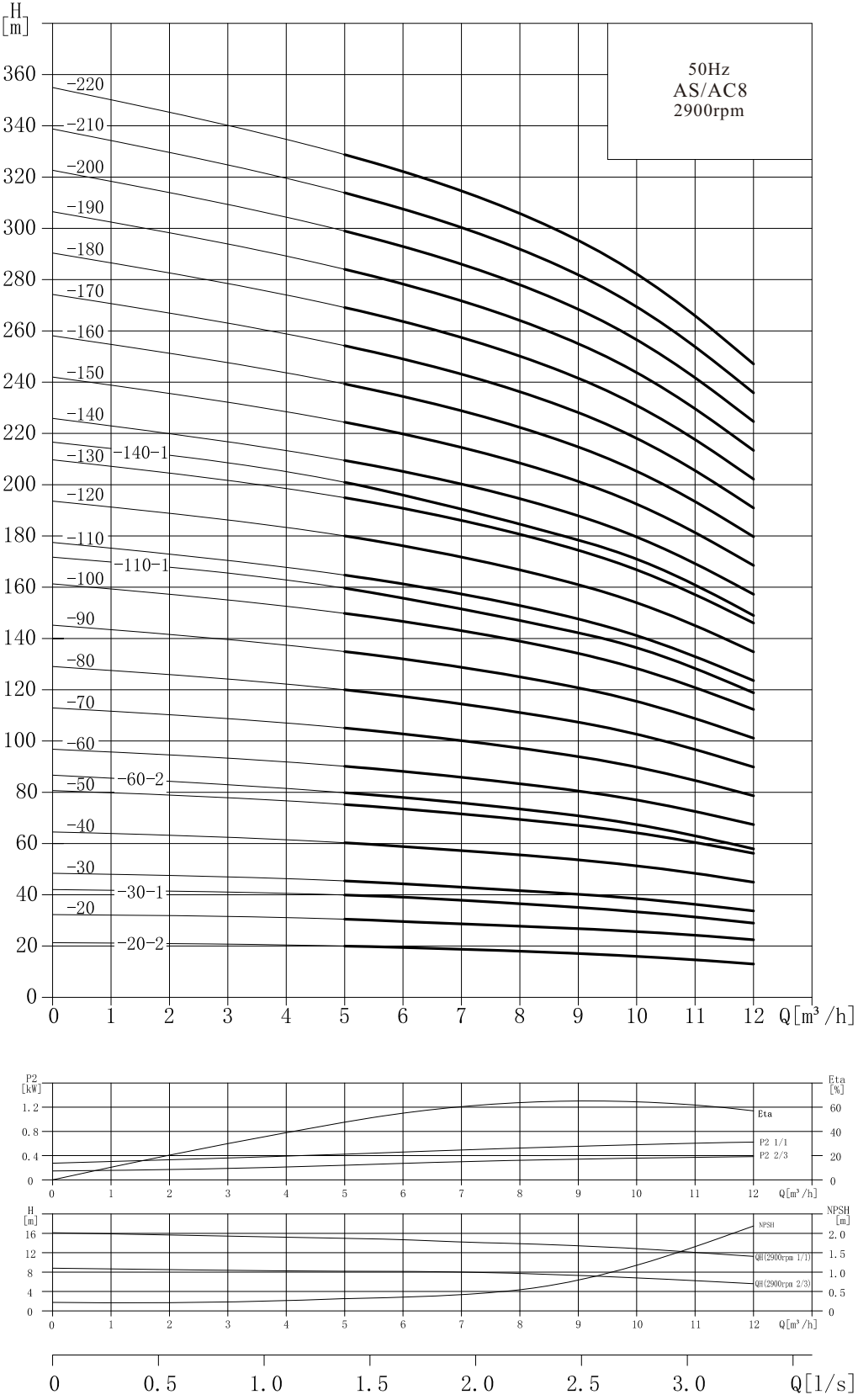


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS8-20-2	355	271	626	154	124	27
AS8-20	355	271	626	154	124	29
AS8-30-1	395	272	667	166	135	36
AS8-30	395	322	717	166	135	38
AS8-40	425	322	747	166	135	39
AS8-50	465	339	804	193	147	49
AS8-60-2	495	339	834	193	147	50
AS8-60	495	354	849	220	172	58
AS8-70	525	354	879	220	172	59
AS8-80	555	354	909	220	172	63
AS8-90	605	414	1019	259	192	78
AS8-100	635	414	1049	259	192	79
AS8-110-1	665	414	1079	259	192	80
AS8-110	665	414	1079	259	192	86
AS8-120	695	414	1109	259	192	87
AS8-130	725	414	1139	259	192	88
AS8-140-1	755	414	1169	259	192	89
AS8-140	843	523	1366	311	235	159
AS8-150	873	523	1396	311	235	160
AS8-160	903	523	1426	311	235	161
AS8-170	933	523	1456	311	235	162
AS8-180	963	523	1486	311	235	163
AS8-190	993	523	1516	311	235	171
AS8-200	1023	523	1546	311	235	172
AS8-210	1053	523	1576	311	235	173
AS8-220	1083	523	1606	311	235	174

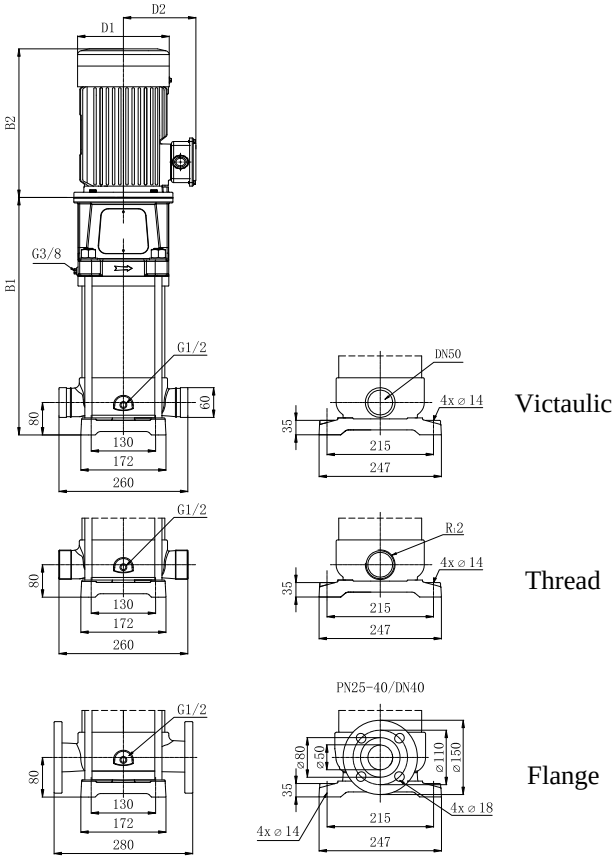
Performance data

Model	kW	Q (m³/h)	5	6	7	8	9	10	11	12
AS8-20-2	0.75	H (m)	20	19.5	19	18	17	16	14	13
AS8-20	1.1		30	29	28	27	26	25.5	24	22
AS8-30-1	1.5		40	39	38	36	35	34	31	29
AS8-30	2.2		45	44	42.5	41	40.5	38.5	36	34
AS8-40	2.2		60	58.5	56.5	55	54	51	48	45
AS8-50	3		75	73	71	68	68	64	60	56
AS8-60-2	3		80	78	76	73	71	67	62	58
AS8-60	4		90	88	85	82	81	77	72	67
AS8-70	4		105	103	99	96	95	90	84	79
AS8-80	4		120	117	113	110	108	103	96	90
AS8-90	5.5		135	132	127	124	122	116	108	101
AS8-100	5.5		150	147	142	137	135	128	121	112
AS8-110-1	5.5		160	156	151	147	144	136	128	119
AS8-110	7.5		165	161	156	151	149	141	133	124
AS8-120	7.5		180	176	170	165	162	154	145	135
AS8-130	7.5		195	191	184	179	176	167	157	146
AS8-140-1	7.5		201	196	190	185	180	171	160	149
AS8-140	11		210	205	198	193	189	180	169	157
AS8-150	11		224	220	212	206	203	193	181	168
AS8-160	11		239	235	226	220	216	205	193	180
AS8-170	11		254	249	241	234	230	218	205	191
AS8-180	11		269	264	255	248	244	231	217	202
AS8-190	15		284	279	269	262	257	244	229	213
AS8-200	15		299	294	283	276	271	257	241	224
AS8-210	15		314	309	297	287	284	270	253	235
AS8-220	15		329	324	311	300	297	283	265	246

Performance curve



Installation dimension and weight

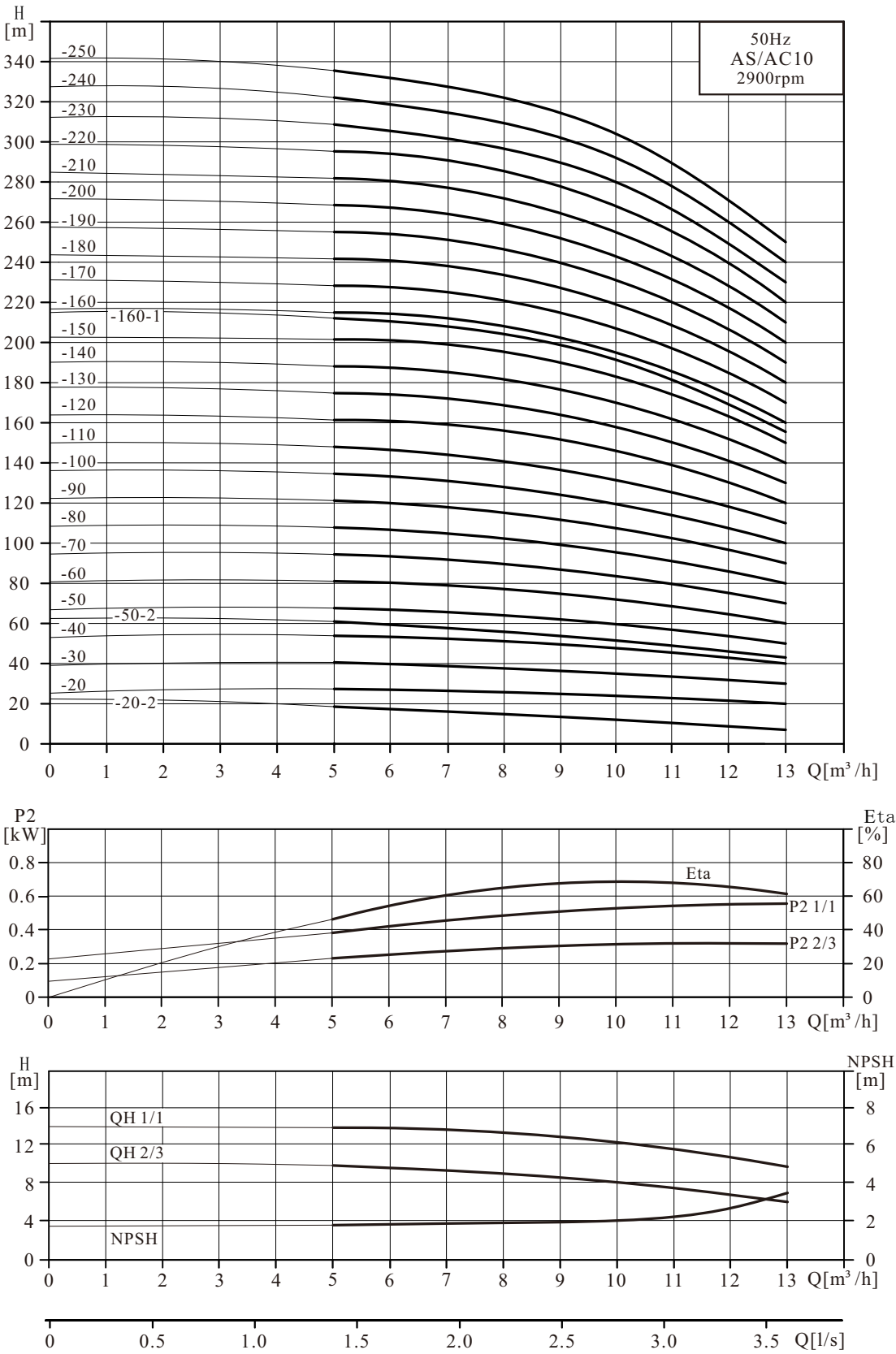


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS10-20-2	355	271	626	154	124	28
AS10-20	355	271	626	154	124	30
AS10-30	395	272	667	166	135	37
AS10-40	425	322	747	166	135	40
AS10-50-2	455	322	777	166	135	42
AS10-50	465	339	804	193	147	50
AS10-60	495	339	834	193	147	51
AS10-70	525	354	879	220	172	60
AS10-80	555	354	909	220	172	60
AS10-90	605	414	1019	259	192	80
AS10-100	635	414	1049	259	192	81
AS10-110	665	414	1079	259	192	82
AS10-120	695	414	1109	259	192	89
AS10-130	725	414	1139	259	192	90
AS10-140	755	414	1169	259	192	91
AS10-150	785	414	1199	259	192	100
AS10-160-1	815	414	1229	259	192	101
AS10-160	904	523	1427	311	235	164
AS10-170	934	523	1457	311	235	165
AS10-180	964	523	1487	311	235	166
AS10-190	994	523	1517	311	235	167
AS10-200	1024	523	1547	311	235	168
AS10-210	1054	523	1577	311	235	170
AS10-220	1084	523	1607	311	235	178
AS10-230	1114	523	1637	311	235	179
AS10-240	1144	523	1667	311	235	180
AS10-250	1174	523	1697	311	235	181

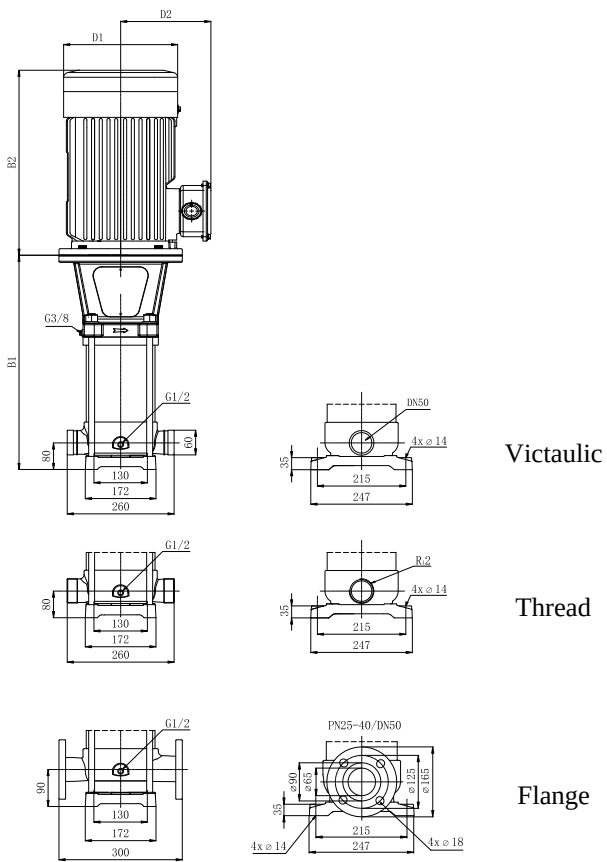
Performance data

Model	kW	Q (m³/h)	5	6	7	8	9	10	11	12	13
AS10-20-2	0.75	H (m)	18.5	17	16	14	13	12	10	8.5	7
AS10-20	1.1		28	27	26	25.5	25	24	23	22	20
AS10-30	1.5		41	40	39.5	38	37	35	34	32	30
AS10-40	2.2		55	53	52	51	49.5	48	46	43	40
AS10-50-2	2.2		61	59	58	56	54	51.5	49	47	43
AS10-50	3		68	67	66	64	62	60	57	54	50
AS10-60	3		82	79	78	77	74	72	69	65	60
AS10-70	4		96	93	92	90	87	84	80	75	70
AS10-80	4		109	107	105	103	99	96	91	86	80
AS10-90	5.5		123	120	118	115	111	108	103	97	90
AS10-100	5.5		137	134	131	128	124	120	114	108	100
AS10-110	5.5		150	147	144	141	136	132	126	118	110
AS10-120	7.5		164	160	157	154	149	144	137	129	120
AS10-130	7.5		177	174	170	167	161	156	149	140	130
AS10-140	7.5		191	187	183	179	173	168	160	151	140
AS10-150	7.5		205	200	197	192	186	180	171	162	150
AS10-160-1	7.5		214	208	205	199	192	186	176	166	153
AS10-160	11		218	214	210	205	198	192	183	172	160
AS10-170	11		232	227	223	218	210	204	194	183	170
AS10-180	11		246	240	236	231	223	216	206	194	180
AS10-190	11		259	254	249	244	235	228	217	205	190
AS10-200	11		273	267	262	256	248	240	229	215	200
AS10-210	11		287	280	275	269	260	252	240	226	210
AS10-220	15		300	294	288	282	272	264	251	237	220
AS10-230	15		309	305	301	297	290	280	266	249	230
AS10-240	15		322	319	314	309	302	292	278	260	240
AS10-250	15		335	332	327	322	314	304	289	271	250

Performance curve



Installation dimension and weight

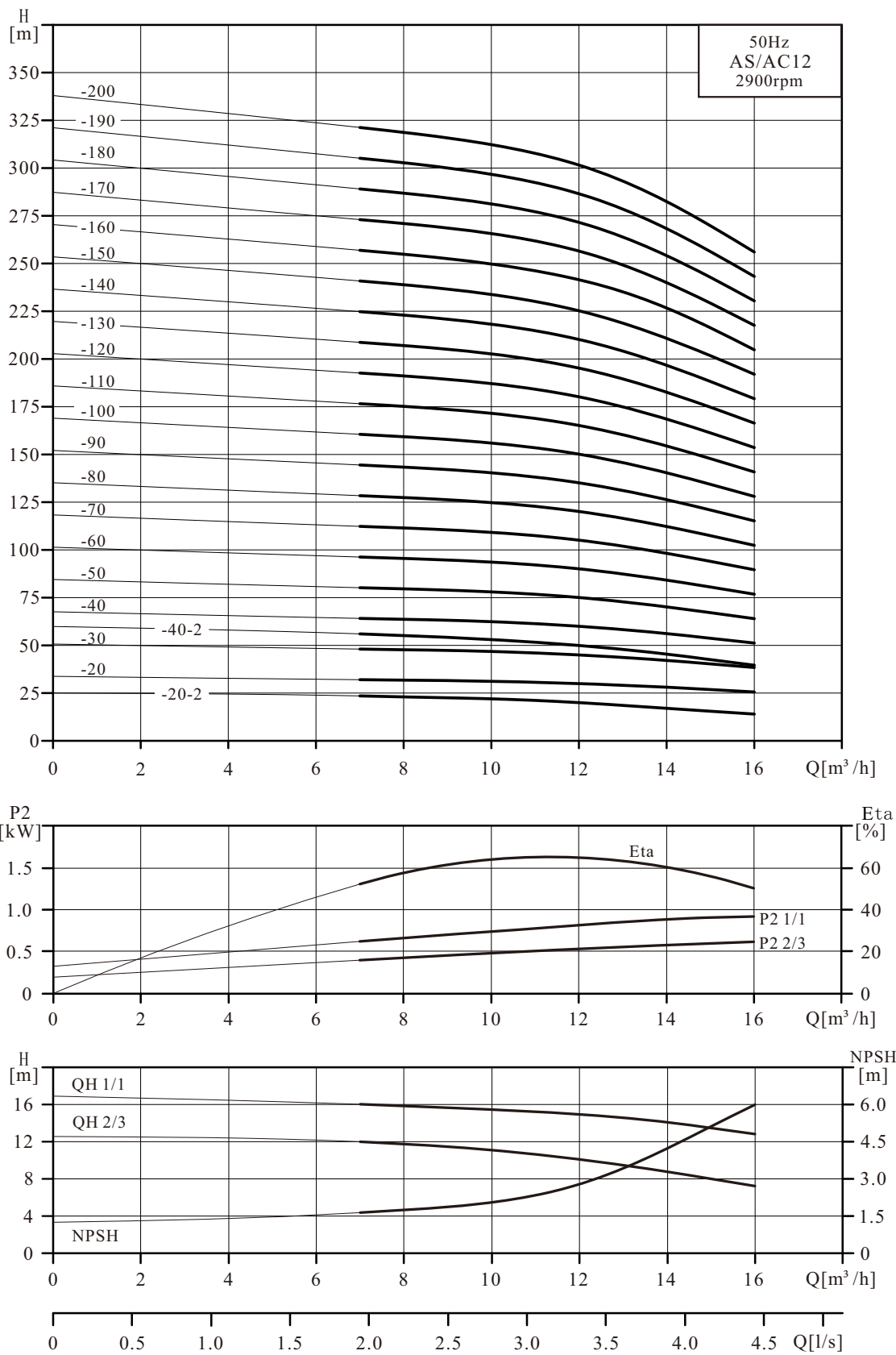


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS12-20-2	365	272	637	166	135	37
AS12-20	365	322	687	166	135	39
AS12-30	405	339	744	193	147	49
AS12-40-2	435	339	774	193	147	50
AS12-40	435	354	789	220	172	59
AS12-50	485	414	899	259	192	76
AS12-60	515	414	929	259	192	77
AS12-70	545	414	959	259	192	84
AS12-80	575	414	989	259	192	85
AS12-90	694	523	1217	311	235	156
AS12-100	724	523	1247	311	235	157
AS12-110	754	523	1277	311	235	158
AS12-120	784	523	1307	311	235	160
AS12-130	814	523	1337	311	235	168
AS12-140	844	523	1367	311	235	169
AS12-150	874	523	1397	311	235	170
AS12-160	904	523	1427	311	235	171
AS12-170	934	523	1457	311	235	169
AS12-180	964	578	1542	311	235	195
AS12-190	994	578	1572	311	235	195
AS12-200	1024	578	1602	311	235	197

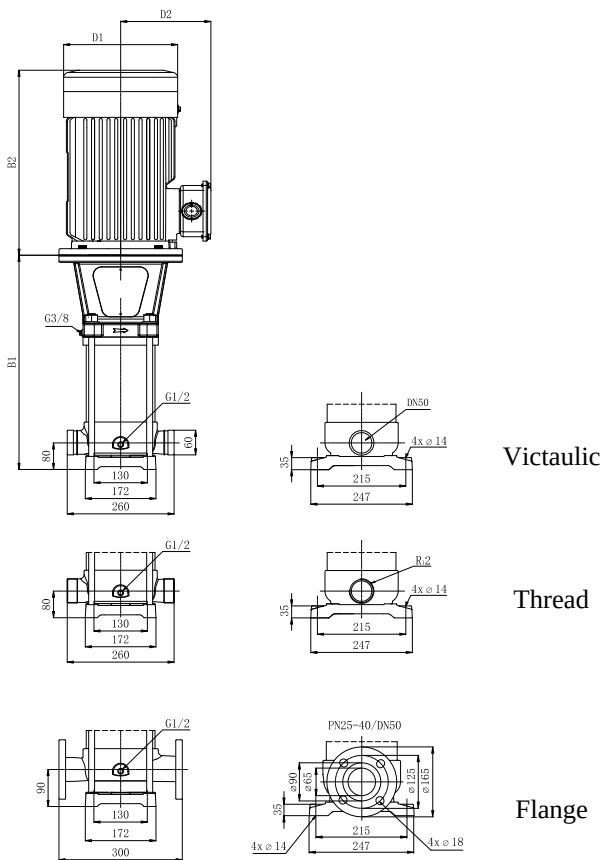
Performance data

Model	kW	Q (m³/h)	7	8	9	10	11	12	13	14	15	16
AS12-20-2	1.5	H (m)	24	23	23	22	21	20	19	17	16	14
AS12-20	2.2		32.5	32	31.5	31	30.5	30	29	28	27	26
AS12-30	3		48	47.5	47	46.5	46	45	44	42	41	38
AS12-40-2	3		56	55	54	53	52	50	48	45	43	40
AS12-40	4		64	63.5	63	62	61	60	59	56	54	51
AS12-50	5.5		80	79.5	79	78	77	75	74	71	68	64
AS12-60	5.5		96	95	94	93	92	90	88	85	81	77
AS12-70	7.5		112	111	110	109	107	105	103	99	95	90
AS12-80	7.5		128	127	126	124	122	120	118	113	108	102
AS12-90	11		144	143	141	140	138	135	132	127	122	115
AS12-100	11		160	159	157	155	153	150	147	141	135	128
AS12-110	11		176	175	173	171	168	165	162	155	149	141
AS12-120	11		192	191	188	186	184	180	176	169	162	154
AS12-130	15		208	207	204	202	199	195	191	183	176	166
AS12-140	15		224	223	220	217	214	210	206	197	189	179
AS12-150	15		240	239	236	233	230	225	221	212	203	192
AS12-160	15		256	254	251	248	245	240	235	226	216	205
AS12-170	15		272	270	267	264	260	255	250	240	230	217
AS12-180	18.5		288	286	283	279	276	270	265	254	243	230
AS12-190	18.5		304	302	298	295	291	285	279	268	257	243
AS12-200	18.5		320	318	314	310	306	300	294	282	270	256

Performance curve



Installation dimension and weight

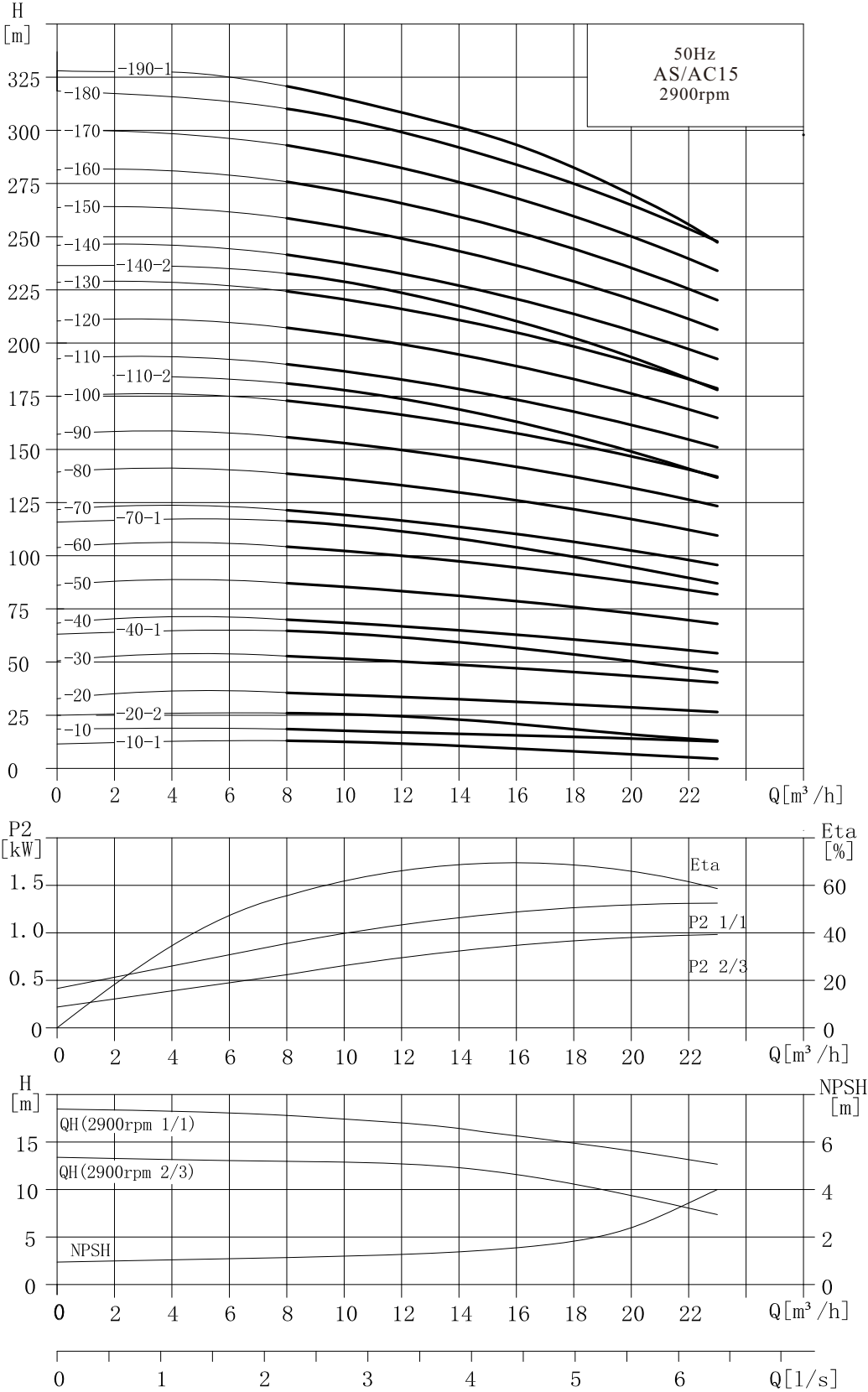


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS15-10-1	346	271	617	154	124	30
AS15-10	356	272	628	166	135	35
AS15-20-2	401	322	723	166	135	39
AS15-20	411	339	750	193	147	49
AS15-30	456	354	810	220	172	58
AS15-40-1	501	354	855	220	172	59
AS15-40	521	414	935	259	192	75
AS15-50	566	414	980	259	192	76
AS15-60	611	414	1025	259	192	83
AS15-70-1	656	414	1070	259	192	84
AS15-70	744	523	1267	311	235	155
AS15-80	789	523	1312	311	235	156
AS15-90	834	523	1357	311	235	157
AS15-100	879	523	1402	311	235	160
AS15-110-2	924	523	1447	311	235	161
AS15-110	924	523	1447	311	235	168
AS15-120	969	523	1492	311	235	169
AS15-130	1014	523	1537	311	235	170
AS15-140-2	1059	523	1582	311	235	171
AS15-140	1059	578	1637	311	235	193
AS15-150	1104	578	1682	311	235	194
AS15-160	1149	578	1727	311	235	195
AS15-170	1194	578	1772	311	235	229
AS15-180	1239	578	1817	311	235	230
AS15-190-1	1284	578	1862	311	235	231

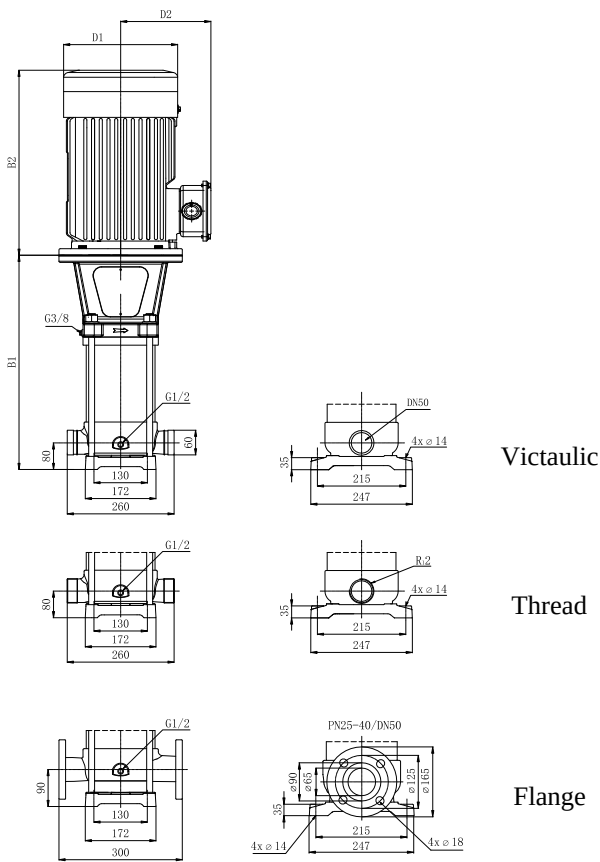
Performance data

Model	kW	Q (m³/h)	8	10	12	14	15	16	18	20	23
AS15-10-1	1.1	H (m)	13	12	11.5	10.5	10	9	7.5	6	4.5
AS15-10	1.5		17.5	17	16.6	16.3	16	15.5	15	14.5	14
AS15-20-2	2.2		26	25	24	23	22	20.5	18	16	13
AS15-20	3		34.5	34	33	32.5	32	31.5	30.5	29.5	28
AS15-30	4		52	51	50	49	48	47.5	46	44.5	41
AS15-40-1	4		65	63	61	59	58	57	54	51	46
AS15-40	5.5		69	68	66.5	65	64	63	61	59	55
AS15-50	5.5		86	85	83	81	80	79	77	74	69
AS15-60	7.5		103	102	100	98	96	95	92	89	83
AS15-70-1	7.5		116	114	111	108	106	104	99	95	87
AS15-70	11		121	119	116	114	112	111	107	104	96
AS15-80	11		138	136	133	130	128	127	122	118	110
AS15-90	11		155	153	149	146	144	143	138	133	124
AS15-100	11		172	170	166	163	160	158	153	148	138
AS15-110-2	11		181	178	173	169	166	163	156	149	137
AS15-110	15		190	187	183	179	176	174	168	163	151
AS15-120	15		207	204	199	195	192	190	184	177	165
AS15-130	15		224	221	216	212	208	206	199	192	179
AS15-140-2	15		233	229	223	218	214	211	202	193	178
AS15-140	18.5		241	238	232	228	224	222	214	207	193
AS15-150	18.5		258	255	249	244	240	238	230	222	206
AS15-160	18.5		276	272	266	260	256	253	245	237	220
AS15-170	22		293	288	282	277	272	269	260	251	234
AS15-180	22		310	305	299	293	288	285	275	266	248
AS15-190-1	22		321	315	309	302	298	293	283	270	247

Performance curve



Installation dimension and weight

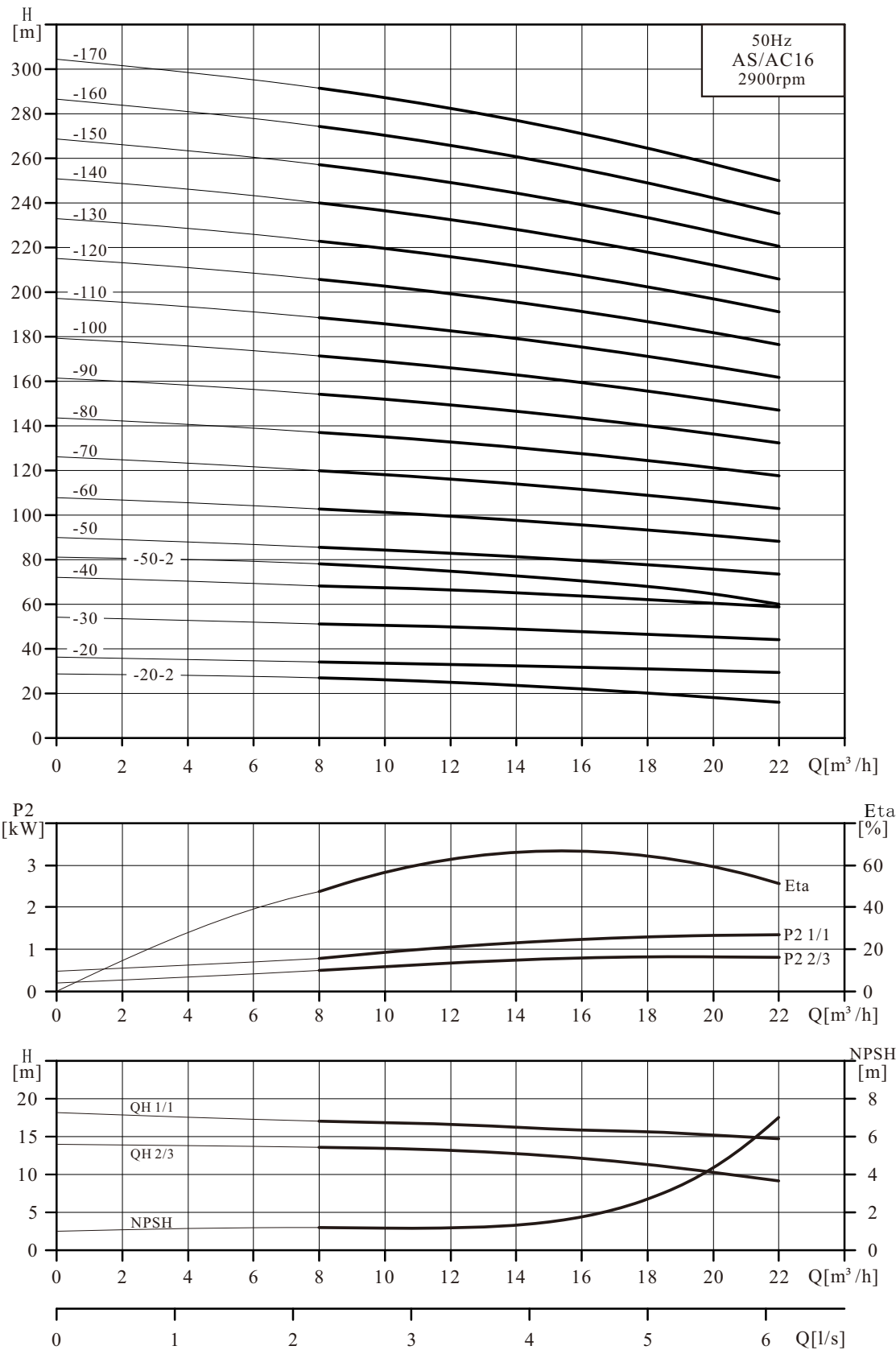


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS16-20-2	401	322	723	166	135	39
AS16-20	411	339	750	193	147	49
AS16-30	456	354	810	220	172	58
AS16-40	521	414	935	259	192	75
AS16-50-2	566	414	980	259	192	76
AS16-50	566	414	980	259	192	82
AS16-60	611	414	1025	259	192	83
AS16-70	745	523	1268	311	235	156
AS16-80	790	523	1313	311	235	156
AS16-90	835	523	1358	311	235	157
AS16-100	880	523	1403	311	235	165
AS16-110	925	523	1448	311	235	166
AS16-120	970	523	1493	311	235	168
AS16-130	1015	578	1593	311	235	191
AS16-140	1060	578	1638	311	235	192
AS16-150	1105	578	1683	311	235	225
AS16-160	1150	578	1728	311	235	226
AS16-170	1195	578	1773	311	235	228

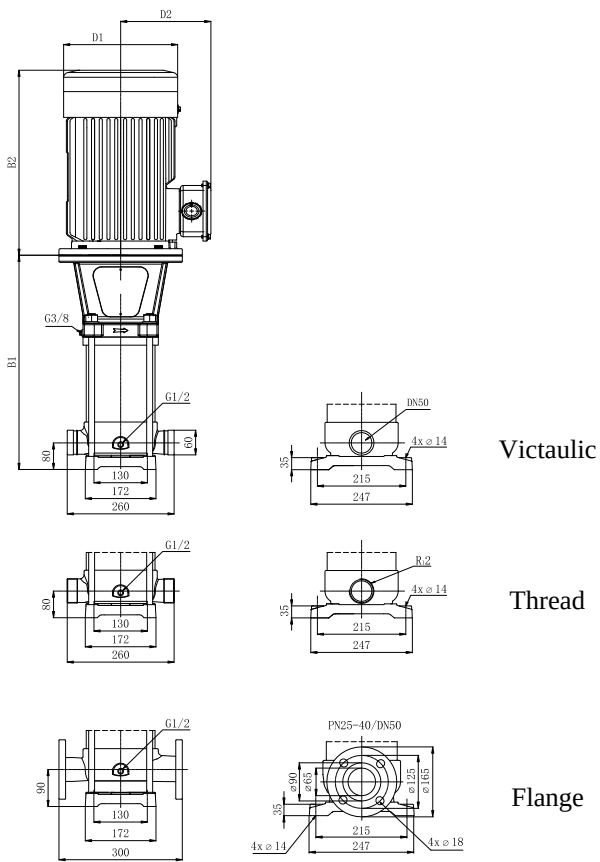
Performance data

Model	kW	Q (m³/h)	H (m)							
			8	10	12	14	16	18	20	22
AS16-20-2	2.2	H (m)	27	26	25	24	22	21	19	16
AS16-20	3		34	33.5	33	32.5	32	31	30	29
AS16-30	4		51	50.5	50	48.5	48	47	46	44
AS16-40	5.5		68	67	66	64.5	63.5	63	61	59
AS16-50-2	5.5		78	77	75	73	70	68	65	60
AS16-50	7.5		85	84	83	81	79	78	76	74
AS16-60	7.5		102	101	100	97	95	94	91	88
AS16-70	11		119	118	116	113	110	109	106	103
AS16-80	11		136	135	133	129	126	125	122	118
AS16-90	11		153	152	149	145	142	141	137	132
AS16-100	15		170	168	166	161	158	156	152	147
AS16-110	15		187	185	183	178	173	172	167	162
AS16-120	15		204	202	199	194	189	188	183	176
AS16-130	18.5		222	219	216	210	205	203	198	191
AS16-140	18.5		239	236	233	226	221	219	213	206
AS16-150	22		256	253	250	242	237	235	229	220
AS16-160	22		273	270	267	258	253	250	244	235
AS16-170	22		290	287	284	274	269	266	259	250

Performance curve



Installation dimension and weight

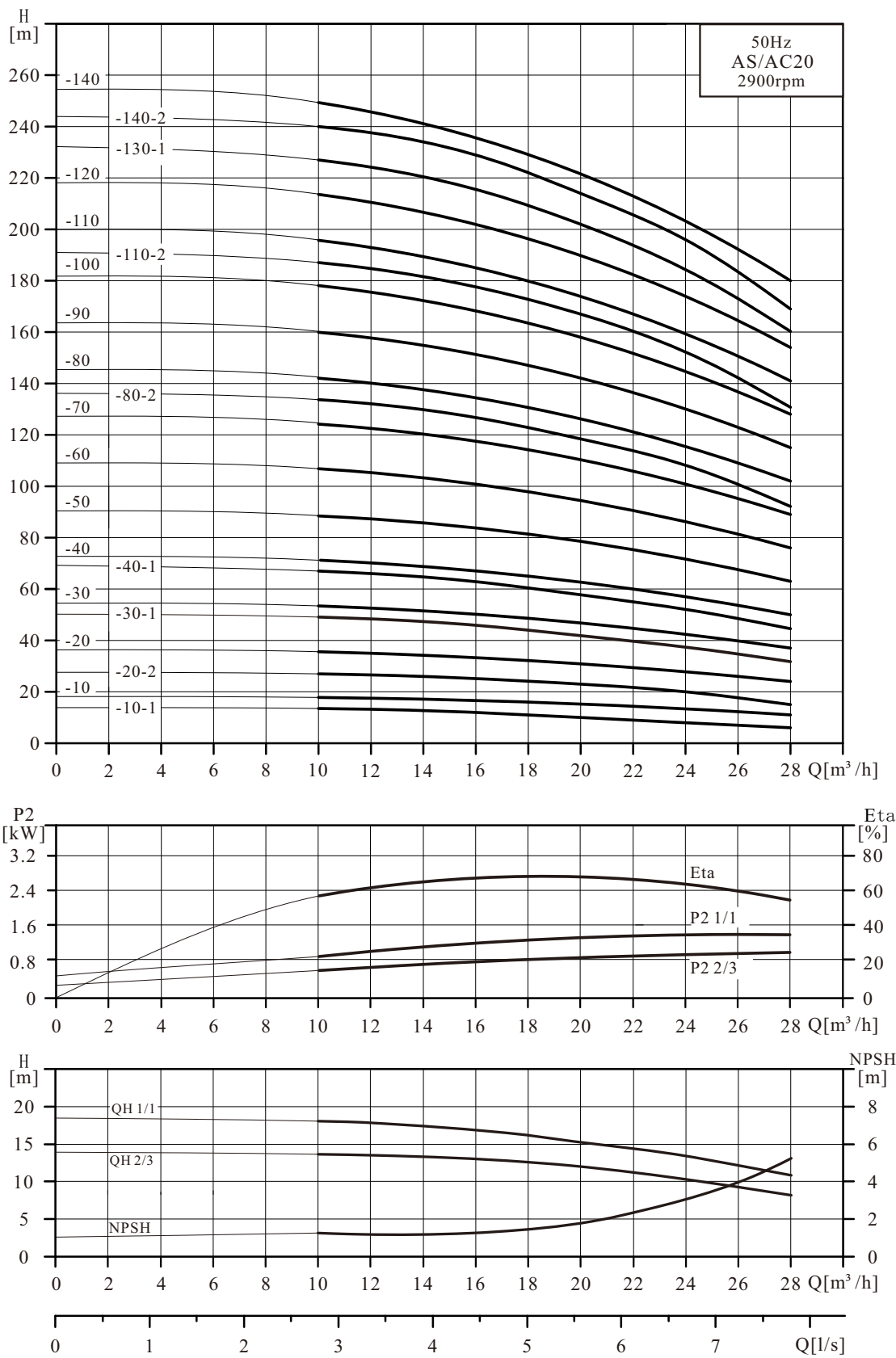


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS20-10-1	346	271	617	154	124	31
AS20-10	356	272	628	166	135	37
AS20-20-2	401	322	723	166	135	40
AS20-20	411	339	750	193	147	49
AS20-30-1	456	354	810	220	172	59
AS20-30	476	414	890	259	192	76
AS20-40-1	521	414	935	259	192	77
AS20-40	521	414	935	259	192	84
AS20-50	566	414	980	259	192	86
AS20-60	699	523	1222	311	235	157
AS20-70	744	523	1267	311	235	158
AS20-80-2	790	523	1313	311	235	159
AS20-80	790	523	1313	311	235	166
AS20-90	835	523	1358	311	235	168
AS20-100	880	523	1403	311	235	169
AS20-110-2	925	523	1448	311	235	170
AS20-110	925	578	1503	311	235	194
AS20-120	970	578	1548	311	235	195
AS20-130-1	1015	578	1593	311	235	196
AS20-140-2	1060	578	1638	311	235	230
AS20-140	1060	578	1638	311	235	231

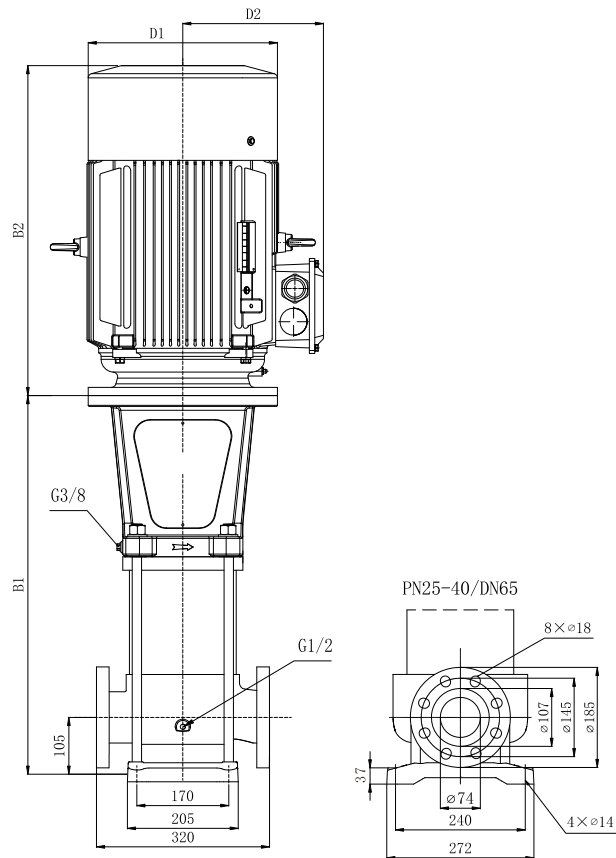
Performance data

Model	kW	Q (m ³ /h)	H (m)									
			10	12	14	16	18	20	22	24	26	28
AS20-10-1	1.1	H (m)	13.5	13	12.5	12	11	10	9	8	7	6
AS20-10	1.5		18	17.5	17	16.5	16	15.5	15	14.5	14	13
AS20-20-2	2.2		27	26.5	26	25	24	23	22	20	18	15
AS20-20	3		36	35	34.5	34	33	32	31	29	28	26
AS20-30-1	4		49	48	47	46	44	42	40	37	35	32
AS20-30	5.5		53.5	53	52	51	49	48	46	44	41	39
AS20-40-1	5.5		67	66	64	63	60	58	55	52	48	45
AS20-40	7.5		71	70	69	68	66	64	62	59	55	51
AS20-50	7.5		89	88	86	85	82	80	77	74	69	64
AS20-60	11		107	105	104	102	98	95	92	88	83	77
AS20-70	11		125	123	121	119	115	111	108	103	96	90
AS20-80-2	11		134	132	130	127	122	118	114	108	101	92
AS20-80	15		142	140	138	136	131	127	123	118	110	103
AS20-90	15		160	158	155	153	148	143	138	132	124	116
AS20-100	15		178	176	173	170	164	159	154	147	138	129
AS20-110-2	15		187	185	181	178	172	167	160	152	142	131
AS20-110	18.5		196	193	190	187	180	175	169	162	151	141
AS20-120	18.5		213	211	207	204	197	191	185	176	165	154
AS20-130-1	18.5		227	224	220	216	208	202	194	184	172	160
AS20-140-2	22		240	237	233	229	221	214	207	196	183	169
AS20-140	22		249	246	242	237	230	223	215	206	193	180

Performance curve



Installation dimension and weight



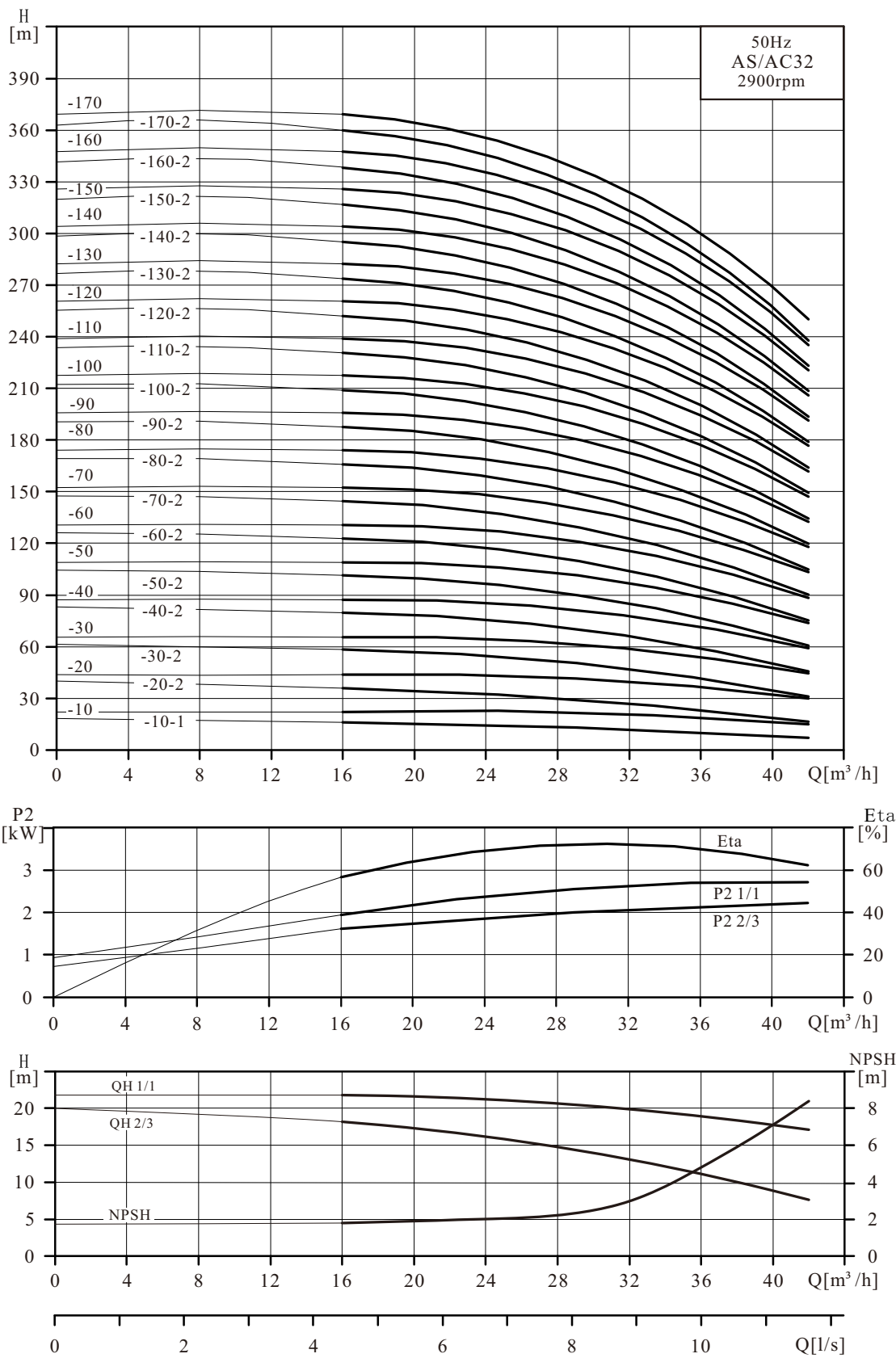
Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS32-10-1	444	322	766	166	135	47
AS32-10	454	339	793	193	147	56
AS32-20-2	524	354	878	220	172	66
AS32-20	530	414	944	259	192	82
AS32-30-2/AS32-30	600	414	1014	259	192	90
AS32-40-2/AS32-40	770	523	1293	311	235	164
AS32-50-2	840	523	1363	311	235	166
AS32-50	840	523	1363	311	235	173
AS32-60-2/AS32-60	910	523	1433	311	235	175
AS32-70-2/AS32-70	980	578	1558	311	235	199
AS32-80-2	1050	578	1628	311	235	201
AS32-80	1050	578	1628	311	235	235
AS32-90-2/AS32-90	1120	578	1698	311	235	237
AS32-100-2/AS32-100	1190	666	1856	397	305	311
AS32-110-2/AS32-110	1260	666	1926	397	305	313
AS32-120-2/AS32-120	1330	666	1996	397	305	315
AS32-130-2/AS32-130	1400	666	2066	397	305	331
AS32-140-2/AS32-140	1470	666	2136	397	305	333
AS32-150-2	1540	666	2206	397	305	335
AS32-150	1540	704	2244	442	324	406
AS32-160-2/AS32-160	1610	704	2314	442	324	408
AS32-170-2/AS32-170	1680	704	2384	442	324	410

Performance data

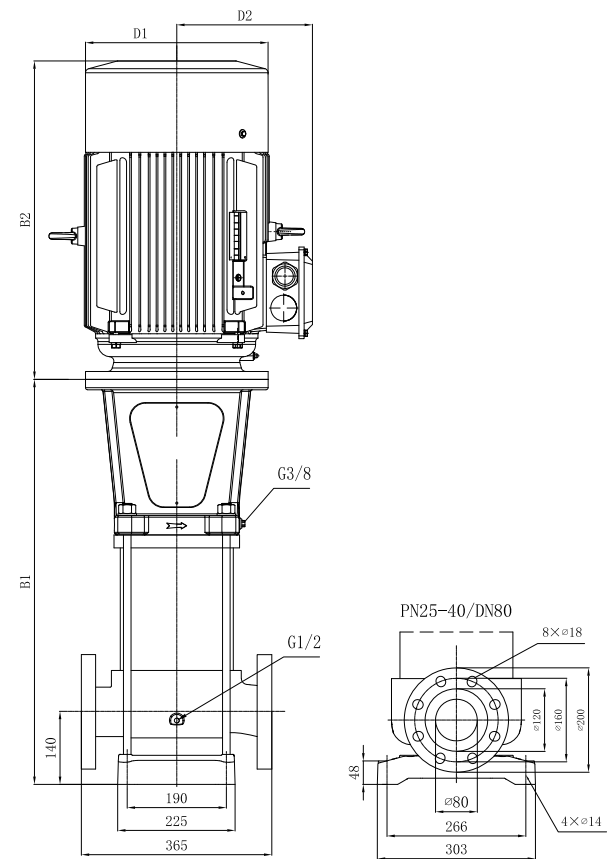
Model	kW	Q (m³/h)	H (m)									
			16	20	24	28	32	36	40	42		
AS32-10-1	2.2	H (m)	18	17	15	14	13	11	8	7		
AS32-10	3		22	21.5	21	20	19	18	16	15		
AS32-20-2	4		36	34	32	29	27	23	18	17		
AS32-20	5.5		43	42.5	42	40	38	35	32	29		
AS32-30-2	7.5		58	55	53	49	46	41	34	31		
AS32-30	7.5		65	64	63	61	57	53	48	44		
AS32-40-2	11		79	77	74	69	65	58	50	46		
AS32-40	11		86	85	83	81	77	71	63	59		
AS32-50-2	11		101	98	95	90	84	76	66	61		
AS32-50	15		108	107	104	101	96	88	79	74		
AS32-60-2	15		122	119	115	110	104	94	81	75		
AS32-60	15		129	128	125	121	115	106	95	88		
AS32-70-2	18.5		144	141	136	130	123	111	97	90		
AS32-70	18.5		151	149	146	141	134	124	111	103		
AS32-80-2	18.5		165	162	157	150	142	129	113	105		
AS32-80	22		172	171	167	162	153	142	127	118		
AS32-90-2	22		187	183	178	170	161	147	129	120		
AS32-90	22		194	192	188	182	172	159	143	133		
AS32-100-2	30		208	205	199	191	180	165	145	134		

Model	kW	Q (m³/h)	H (m)									
			16	20	24	28	32	36	40	42		
AS32-100	30	H (m)	215	214	208	202	191	177	159	147		
AS32-110-2	30		230	226	220	211	199	182	161	149		
AS32-110	30		237	235	229	222	210	195	174	162		
AS32-120-2	30		251	248	240	231	218	200	177	164		
AS32-120	30		258	256	250	242	230	212	190	177		
AS32-130-2	37		273	269	261	251	237	218	192	179		
AS32-130	37		280	278	271	263	249	230	206	192		
AS32-140-2	37		294	290	282	271	257	235	208	193		
AS32-140	37		301	299	292	283	268	248	222	206		
AS32-150-2	37		316	312	303	292	276	253	224	208		
AS32-150	45		323	320	313	303	287	265	238	221		
AS32-160-2	45		337	333	324	312	295	271	240	223		
AS32-160	45		345	342	333	323	306	283	254	236		
AS32-170-2	45		359	354	345	332	314	288	256	238		
AS32-170	45		366	363	354	343	325	301	270	251		

Performance curve



Installation dimension and weight

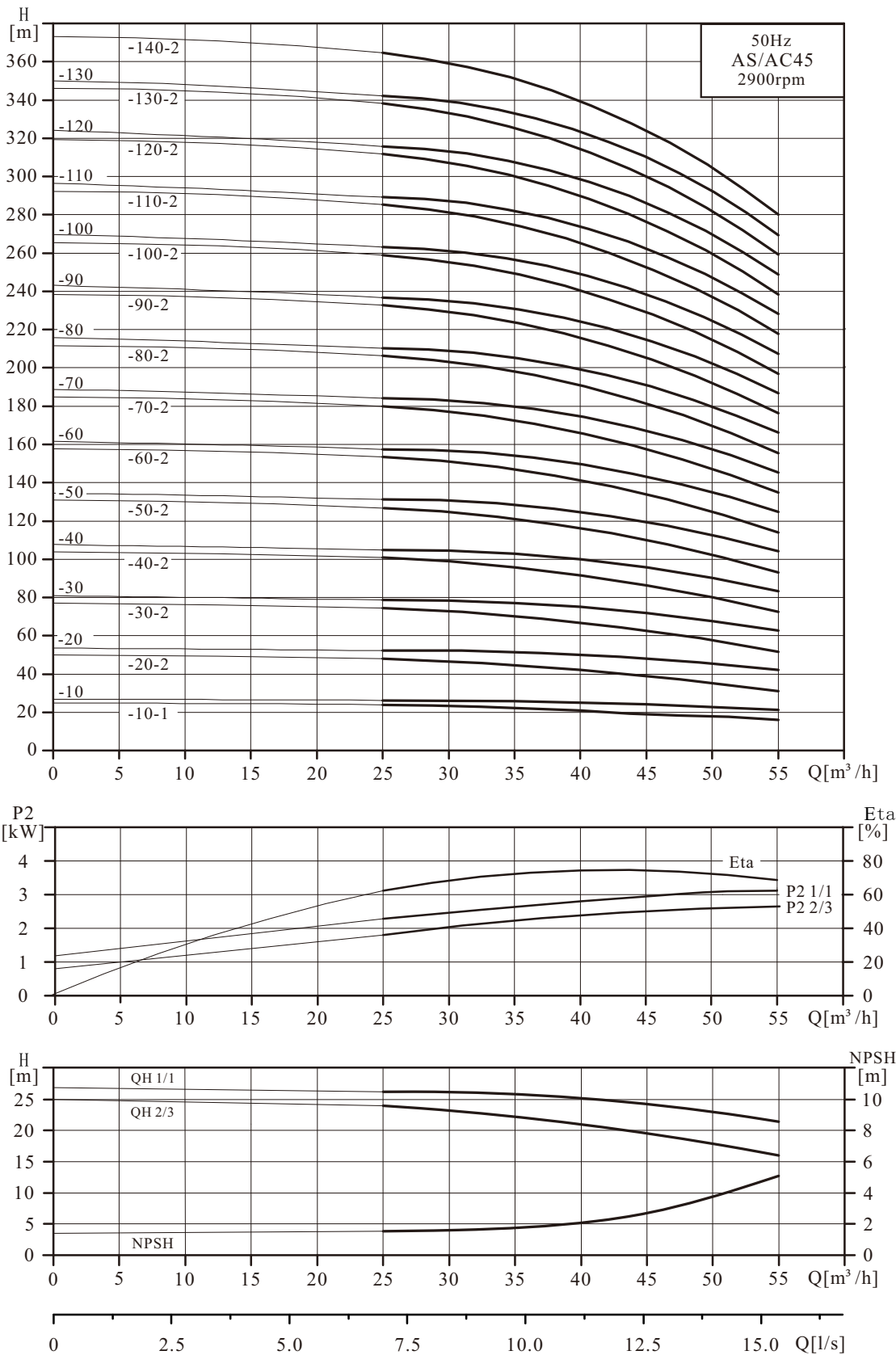


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS45-10-1	507	354	861	220	172	71
AS45-10	516	414	930	259	192	87
AS45-20-2	596	414	1010	259	192	96
AS45-20	696	523	1219	311	235	168
AS45-30-2	776	523	1299	311	235	171
AS45-30	776	523	1299	311	235	180
AS45-40-2	856	523	1379	311	235	183
AS45-40	856	578	1434	311	235	204
AS45-50-2	936	578	1514	311	235	207
AS45-50	936	578	1514	311	235	238
AS45-60-2	1016	666	1682	397	305	316
AS45-60	1016	666	1682	397	305	316
AS45-70-2	1096	666	1762	397	305	318
AS45-70	1096	666	1762	397	305	318
AS45-80-2	1176	666	1842	397	305	335
AS45-80	1176	666	1842	397	305	335
AS45-90-2	1256	666	1922	442	324	338
AS45-90	1256	666	1922	442	324	338
AS45-100-2	1336	704	2040	442	324	411
AS45-100	1336	704	2040	442	324	412
AS45-110-2	1416	704	2120	484	365	414
AS45-110	1416	704	2120	484	365	414
AS45-120-2	1526	785	2311	484	365	521
AS45-120	1526	785	2311	484	365	521
AS45-130-2	1606	849	2455	548	388	523
AS45-130	1606	849	2455	548	388	523
AS45-140-2	1686	849	2535	548	388	526

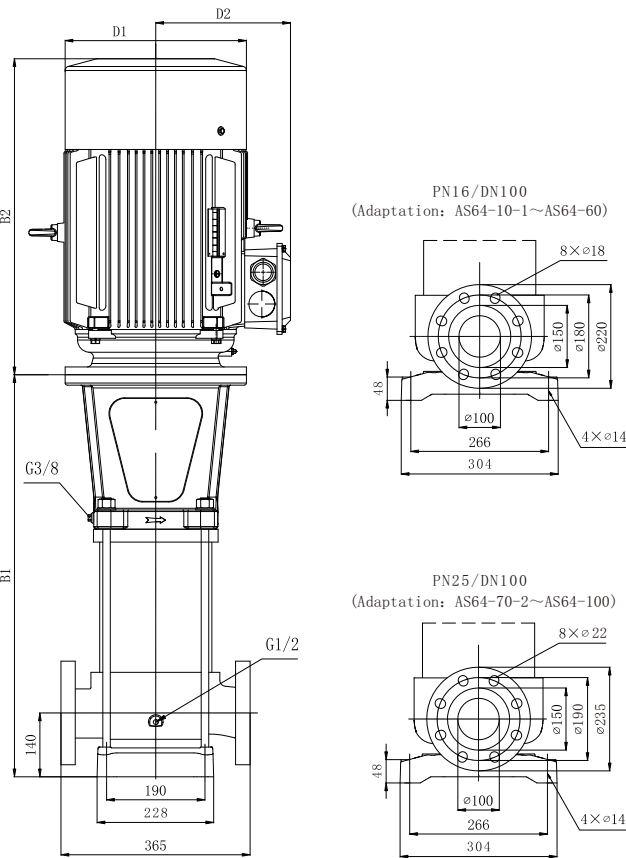
Performance data

Model	kW	Q (m³/h)	25	30	35	40	45	50	55
AS45-10-1	4	H (m)	24	23	22	21	19	18	16
AS45-10	5.5		26.5	26	25.5	25	23.5	22	21
AS45-20-2	7.5		48	46	44	42	39	35	31
AS45-20	11		53	52	51	49	48	45	41
AS45-30-2	11		74	72	69	67	63	57	52
AS45-30	15		79	78	76	74	71	67	62
AS45-40-2	15		101	98	95	91	87	80	72
AS45-40	18.5		105	104	102	99	95	90	83
AS45-50-2	18.5		127	124	120	116	110	102	93
AS45-50	22		132	130	127	124	119	112	104
AS45-60-2	30		153	150	146	141	134	125	114
AS45-60	30		158	156	153	148	143	134	124
AS45-70-2	30		180	176	171	166	158	147	135
AS45-70	30		184	182	178	173	166	157	145
AS45-80-2	37		206	202	197	190	182	169	155
AS45-80	37		210	208	204	198	190	179	166
AS45-90-2	37		232	228	222	215	205	192	176
AS45-90	37		237	234	229	222	214	202	186
AS45-100-2	45		258	254	248	240	229	214	197
AS45-100	45		263	260	255	247	238	224	207
AS45-110-2	45		285	280	273	264	253	237	217
AS45-110	45		289	285	280	272	261	246	228
AS45-120-2	55		311	306	299	289	277	259	238
AS45-120	55		316	311	305	296	285	269	248
AS45-130-2	55		337	331	324	314	300	281	259
AS45-130	55		342	337	331	321	309	291	269
AS45-140-2	55		364	357	349	338	324	304	279

Performance curve



Installation dimension and weight

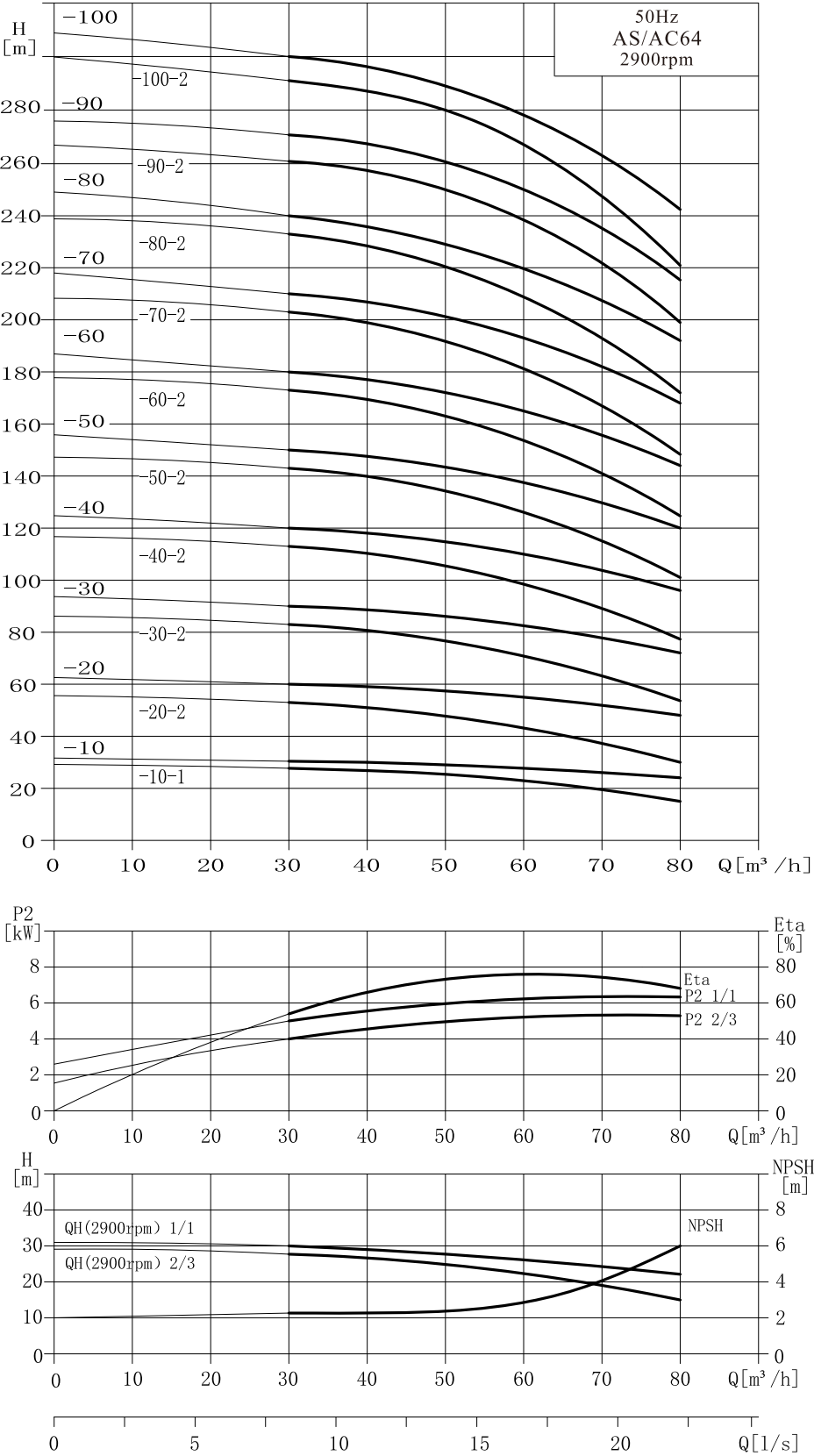


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS64-10-1	519	414	933	259	192	89
AS64-10	519	414	933	259	192	98
AS64-20-2	702	523	1225	311	235	171
AS64-20	702	523	1225	311	235	178
AS64-30-2	785	578	1363	311	235	203
AS64-30	785	578	1363	311	235	237
AS64-40-2	868	666	1534	397	305	312
AS64-40	868	666	1534	397	305	312
AS64-50-2	951	666	1617	397	305	329
AS64-50	951	666	1617	397	305	329
AS64-60-2	1034	704	1738	442	324	403
AS64-60	1034	704	1738	442	324	403
AS64-70-2	1147	785	1932	484	365	510
AS64-70	1147	785	1932	484	365	510
AS64-80-2	1230	785	2015	484	365	513
AS64-80	1230	785	2015	484	365	513
AS64-90-2	1313	849	2162	548	388	630
AS64-90	1313	849	2162	548	388	630
AS64-100-2	1396	849	2245	548	388	633
AS64-100	1396	849	2245	548	388	633

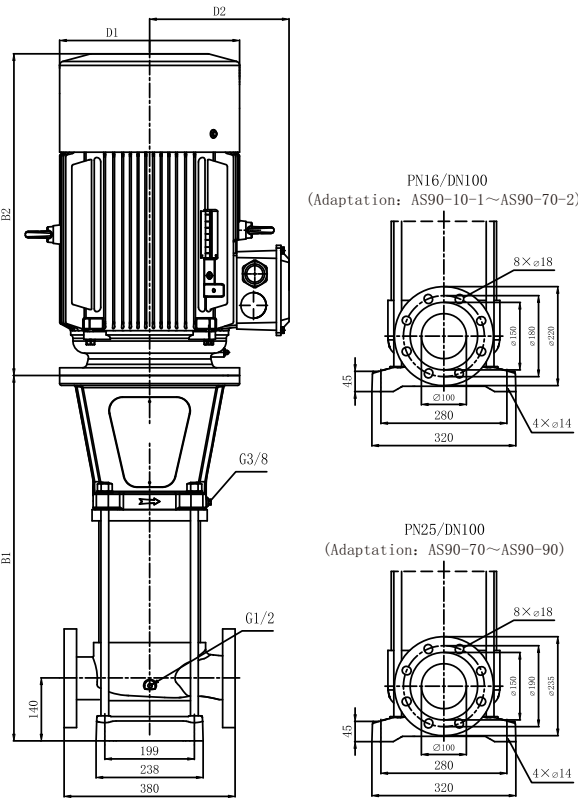
Performance data

Model	kW	Q (m³/h)	30	40	50	60	64	70	80
AS64-10-1	5.5	H (m)	27	25	23	21	20	18	15
AS64-10	7.5		30	29.5	29	28	27	26	24
AS64-20-2	11		53	51	47	43	41	37	30
AS64-20	15		60	59	58	55	54	52	48
AS64-30-2	18.5		83	81	76	71	68	63	54
AS64-30	22		90	89	86	83	81	78	72
AS64-40-2	30		113	110	105	98	95	89	78
AS64-40	30		128	124	119	114	111	108	102
AS64-50-2	37		143	140	133	126	122	115	102
AS64-50	37		160	155	149	143	140	135	128
AS64-60-2	45		173	170	162	153	149	141	126
AS64-60	45		180	178	173	165	162	156	144
AS64-70-2	55		203	199	191	181	176	167	150
AS64-70	55		210	207	201	193	189	182	168
AS64-80-2	55		233	229	220	208	203	193	174
AS64-80	55		240	237	230	220	216	208	192
AS64-90-2	75		261	258	250	239	233	222	199
AS64-90	75		271	268	261	250	245	235	216
AS64-100-2	75		292	288	280	268	260	248	221
AS64-100	75		301	298	291	279	272	261	240

Performance curve



Installation dimension and weight

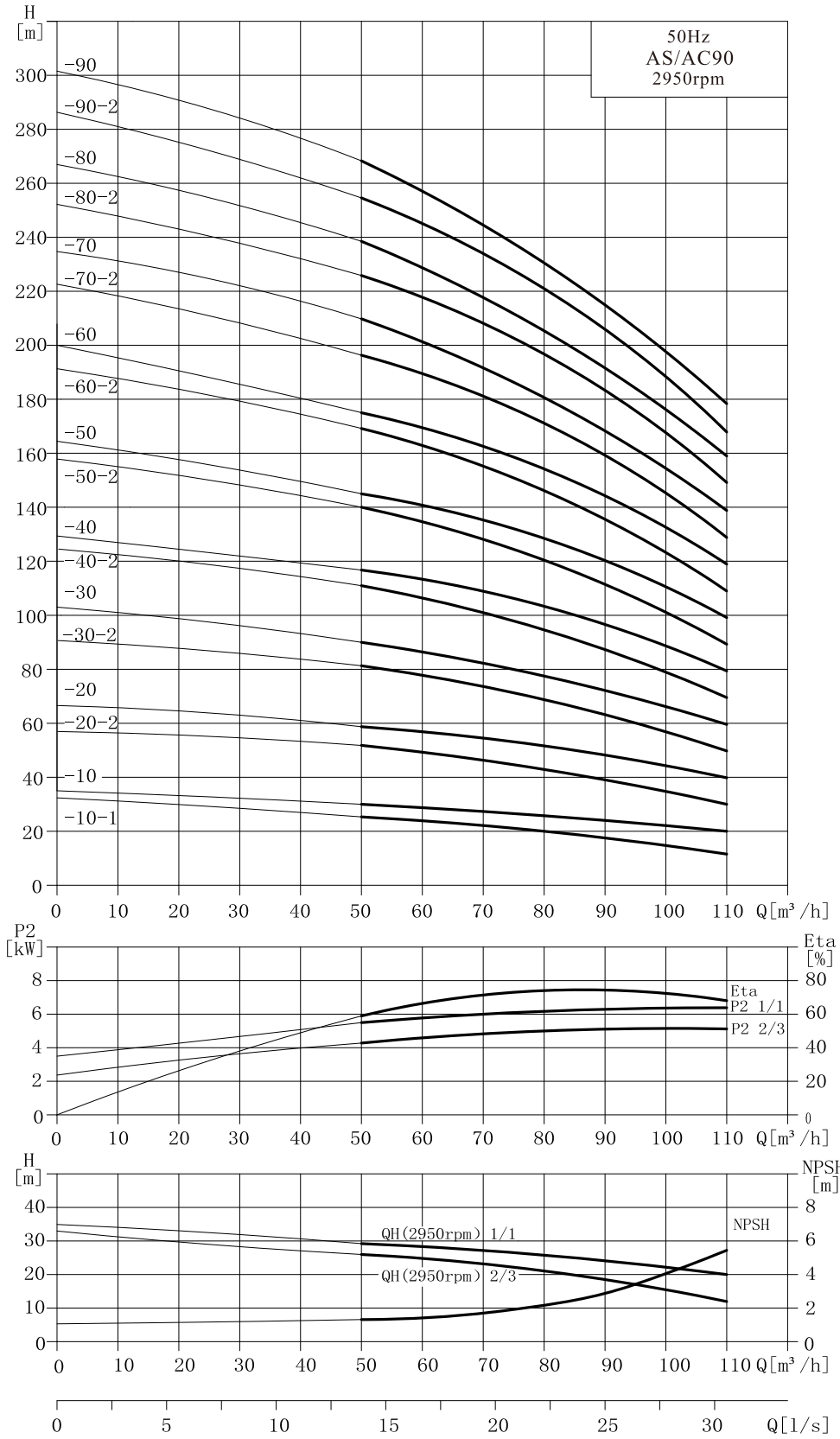


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS90-10-1	598	414	1012	259	192	103
AS90-10	628	523	1151	311	235	173
AS90-20-2	720	523	1243	311	235	183
AS90-20	720	578	1298	311	235	206
AS90-30-2	812	578	1390	311	235	242
AS90-30	812	666	1478	397	305	313
AS90-40-2	904	666	1570	397	305	316
AS90-40	904	666	1570	397	305	330
AS90-50-2	996	666	1662	397	305	333
AS90-50	996	704	1700	442	324	406
AS90-60-2	1088	704	1792	442	324	409
AS90-60	1118	785	1903	484	365	513
AS90-70-2	1210	785	1995	484	365	516
AS90-70	1302	849	2151	548	388	630
AS90-80-2	1394	849	2243	548	388	633
AS90-80	1486	849	2335	548	388	633
AS90-90-2	1578	849	2427	548	388	636
AS90-90	1670	849	2519	548	388	636

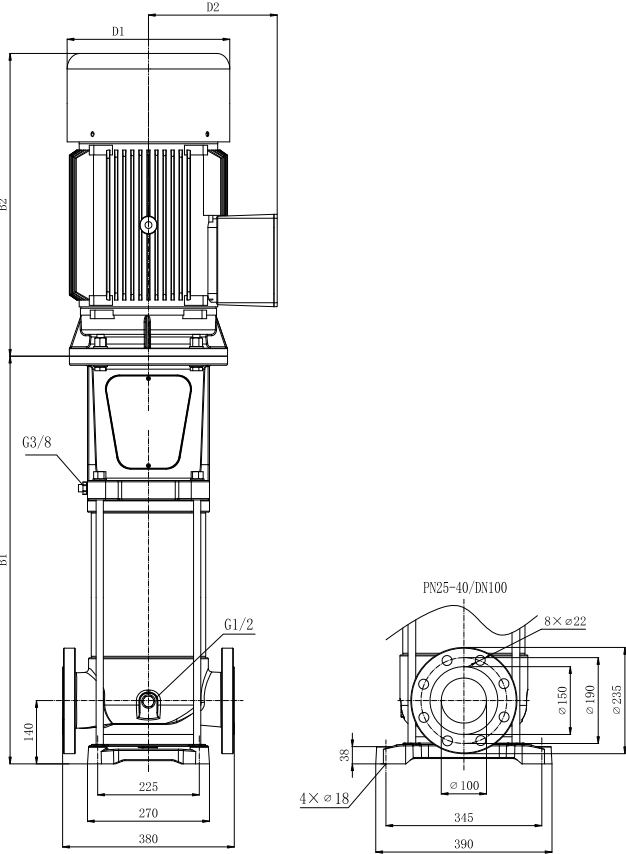
Performance data

Model	kW	Q (m³/h)	50	60	70	80	90	100	110
AS90-10-1	7.5	H (m)	26	23	22	20	18	15	12
AS90-10	11		30	29	27	26	24	22	20
AS90-20-2	15		53	50	47	44	40	36	30
AS90-20	18.5		59	58	55	51	48	44	39
AS90-30-2	22		82	78	74	70	64	58	50
AS90-30	30		90	86	82	77	72	66	59
AS90-40-2	30		112	106	102	95	88	80	69
AS90-40	37		118	115	109	103	96	88	79
AS90-50-2	37		140	135	129	121	112	102	89
AS90-50	45		145	142	137	128	120	110	98
AS90-60-2	45		169	162	156	147	136	124	109
AS90-60	55		175	173	164	154	144	132	118
AS90-70-2	55		197	190	184	172	160	146	128
AS90-70	75		209	201	191	181	167	153	138
AS90-80-2	75		226	217	208	197	183	166	148
AS90-80	75		238	228	217	205	191	175	158
AS90-90-2	75		255	246	235	222	206	188	167
AS90-90	75		268	257	244	230	214	196	177

Performance curve



Installation dimension and weight

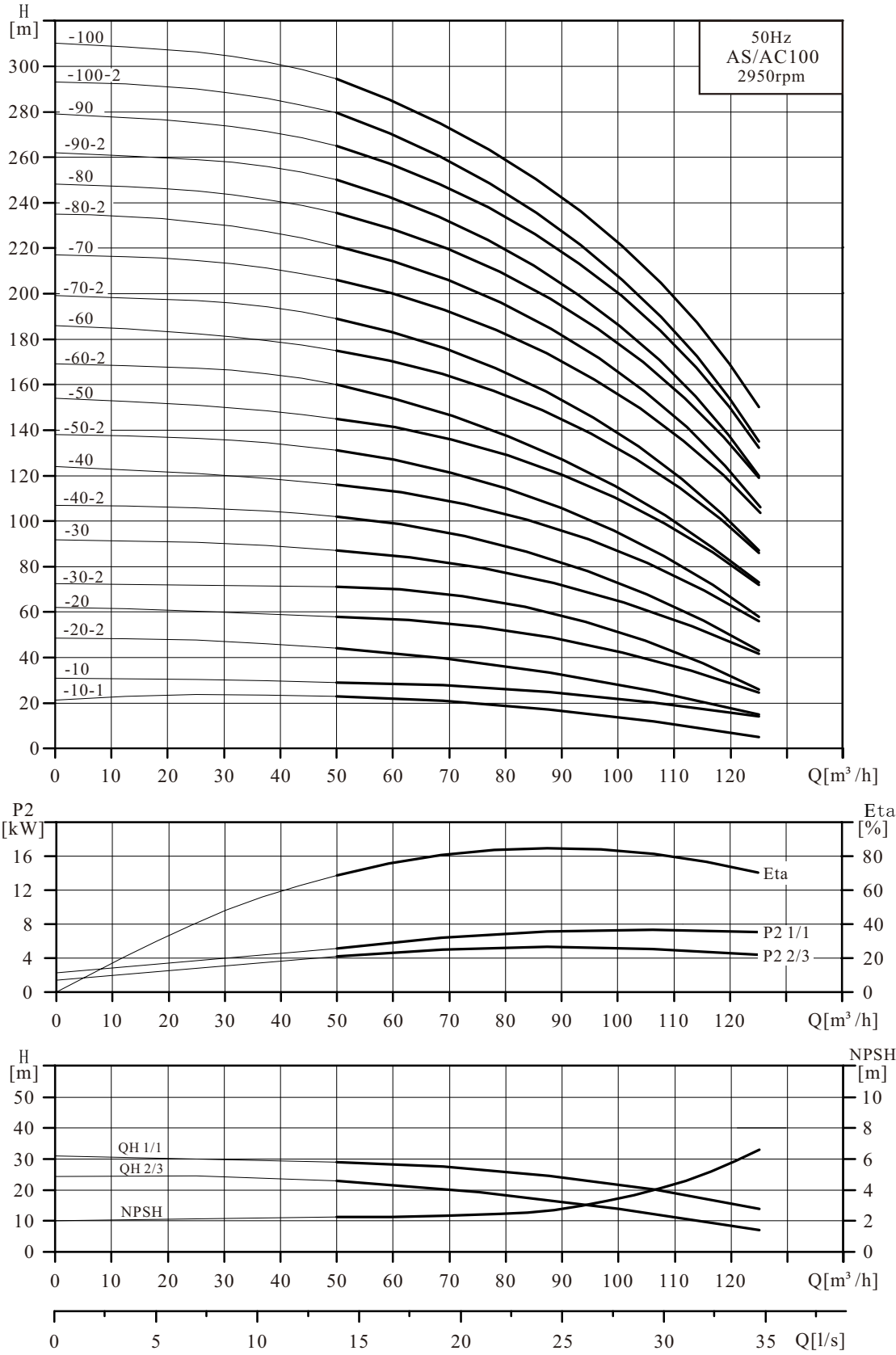


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS100-10-1	592	414	1006	259	192	95
AS100-10	592	414	1006	259	192	101
AS100-20-2	797	523	1320	311	235	178
AS100-20	797	523	1320	311	235	185
AS100-30-2	902	578	1480	311	235	213
AS100-30	902	578	1480	311	235	246
AS100-40-2	1007	666	1673	397	305	322
AS100-40	1007	666	1673	397	305	322
AS100-50-2	1112	666	1778	397	305	341
AS100-50	1112	666	1778	397	305	341
AS100-60-2	1217	704	1921	442	324	421
AS100-60	1217	704	1921	442	324	421
AS100-70-2	1352	785	2137	484	365	530
AS100-70	1352	785	2137	484	365	530
AS100-80-2	1457	785	2242	484	365	535
AS100-80	1457	849	2306	548	388	650
AS100-90-2	1562	849	2411	548	388	655
AS100-90	1562	849	2411	548	388	655
AS100-100-2	1667	849	2516	548	388	661
AS100-100	1667	849	2516	548	388	661

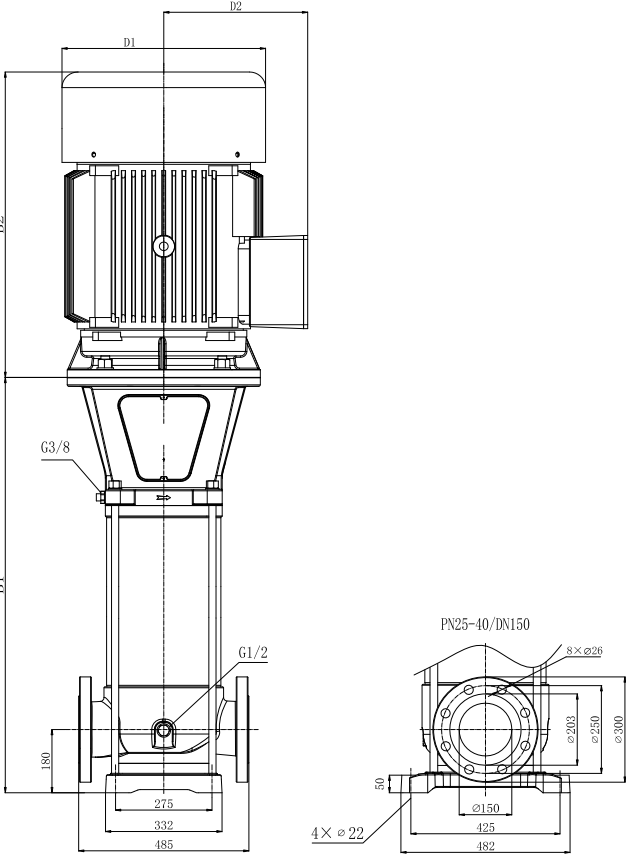
Performance data

Model	kW	Q (m³/h)	50	60	70	80	90	100	110	120	125
AS100-10-1	5.5	H (m)	23	22	20	18	16	14	11	8	7
AS100-10	7.5		29	28	27	26	24	22	18	16	14
AS100-20-2	11		44	43	41	38	34	28	23	17	15
AS100-20	15		58	56	54	52	49	43	37	31	28
AS100-30-2	18.5		71	68	66	62	57	52	42	31	26
AS100-30	22		87	84	81	78	73	65	56	48	43
AS100-40-2	30		102	99	95	90	83	71	60	48	43
AS100-40	30		116	113	109	104	97	87	76	64	58
AS100-50-2	37		131	127	122	116	107	93	79	65	58
AS100-50	37		145	141	136	130	122	109	96	80	72
AS100-60-2	45		160	156	150	142	131	115	99	81	73
AS100-60	45		175	170	164	157	146	132	115	96	89
AS100-70-2	55		189	184	177	168	156	137	119	97	87
AS100-70	55		206	202	193	183	172	156	138	114	105
AS100-80-2	55		221	215	207	197	182	165	142	115	103
AS100-80	75		235	231	221	209	197	178	158	130	120
AS100-90-2	75		250	245	234	221	206	184	161	131	120
AS100-90	75		265	260	248	235	221	201	177	147	135
AS100-100-2	75		279	274	262	247	231	206	181	147	135
AS100-100	75		294	289	279	261	246	223	197	163	150

Performance curve



Installation dimension and weight

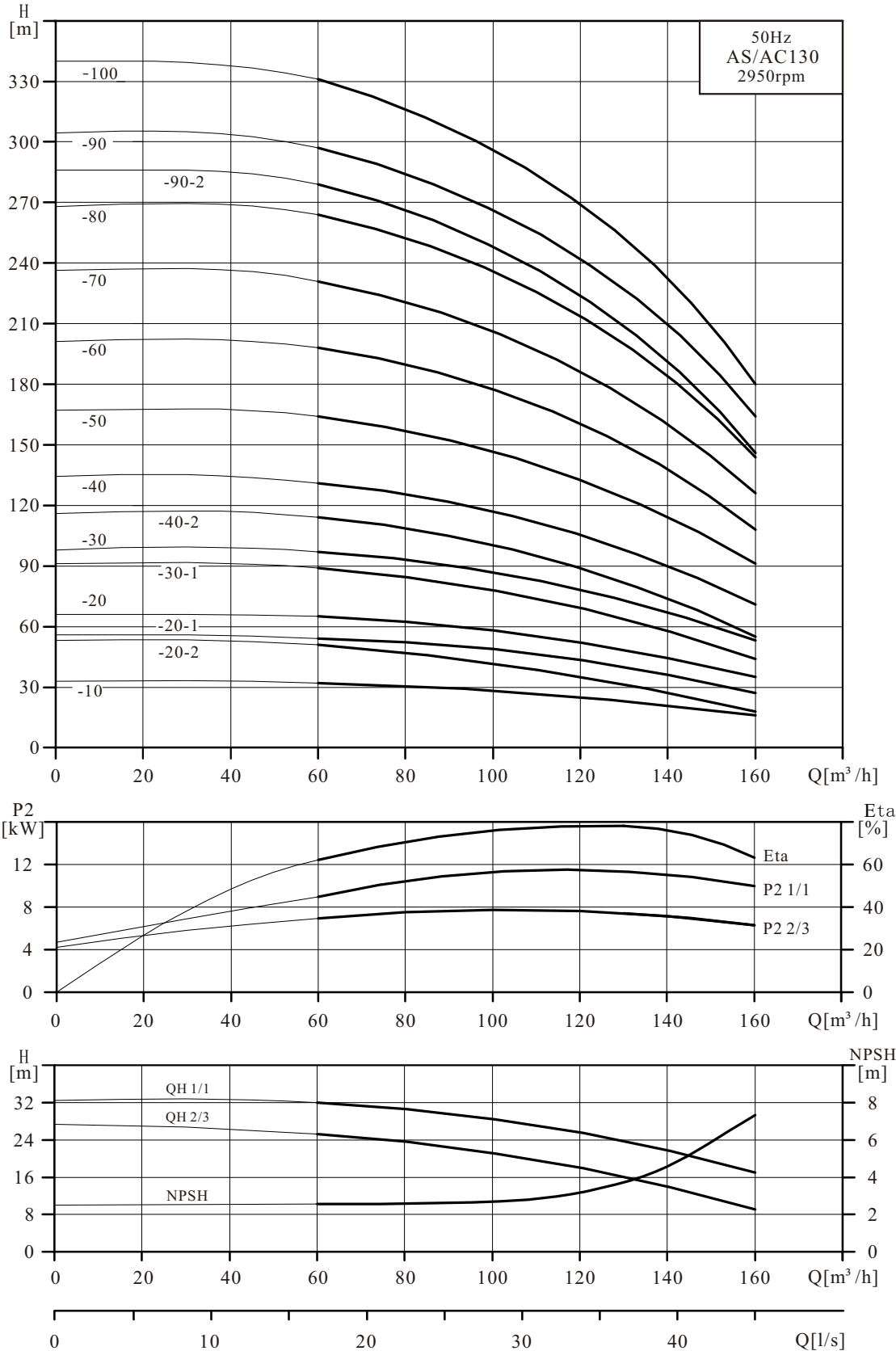


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS130-10	787	523	1310	311	235	206
AS130-20-2	909	523	1432	311	235	222
AS130-20-1	909	578	1487	311	235	244
AS130-20	909	578	1487	311	235	276
AS130-30-1	1031	666	1697	397	305	355
AS130-30	1031	666	1697	397	305	369
AS130-40-2	1153	666	1819	397	305	378
AS130-40	1153	704	1857	442	324	449
AS130-50	1305	785	2090	484	365	565
AS130-60	1427	849	2276	548	388	688
AS130-70	1549	849	2398	548	388	697
AS130-80	1671	900	2571	548	388	752
AS130-90-2	1793	900	2693	548	388	762
AS130-90	1793	1190	2983	630	525	1098
AS130-100	1915	1190	3105	630	525	1107

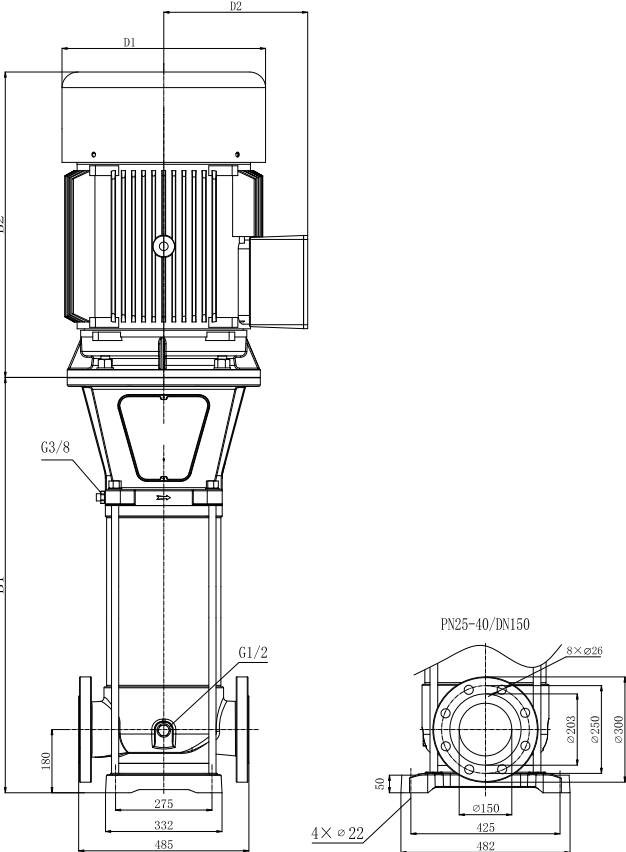
Performance data

Model	kW	Q (m³/h)	H (m)											
			60	70	80	90	100	110	120	130	140	150	160	
AS130-10	11	H (m)	32	31	30	29	28	27	25	23	22	20	17	
AS130-20-2	15		51	48	46	43	40	37	34	31	27	23	18	
AS130-20-1	18.5		54	52	51	50	49	47	45	40	35	31	27	
AS130-20	22		65	64	62	60	58	56	52	48	44	40	35	
AS130-30-1	30		89	87	85	82	78	74	70	64	58	51	44	
AS130-30	37		97	96	94	91	87	83	77	73	67	61	53	
AS130-40-2	37		114	111	108	104	98	94	89	81	74	64	55	
AS130-40	45		131	129	125	121	117	113	105	97	89	82	71	
AS130-50	55		164	162	158	152	147	142	133	124	114	103	91	
AS130-60	75		198	196	189	182	178	170	161	150	137	122	108	
AS130-70	75		231	227	222	218	209	199	187	174	159	144	126	
AS130-80	90		264	260	254	248	238	228	213	200	182	164	144	
AS130-90-2	90		279	274	269	261	250	239	224	208	188	168	146	
AS130-90	110		297	293	287	279	268	257	243	227	207	187	164	
AS130-100	110		331	325	318	311	298	284	270	250	230	207	182	

Performance curve



Installation dimension and weight

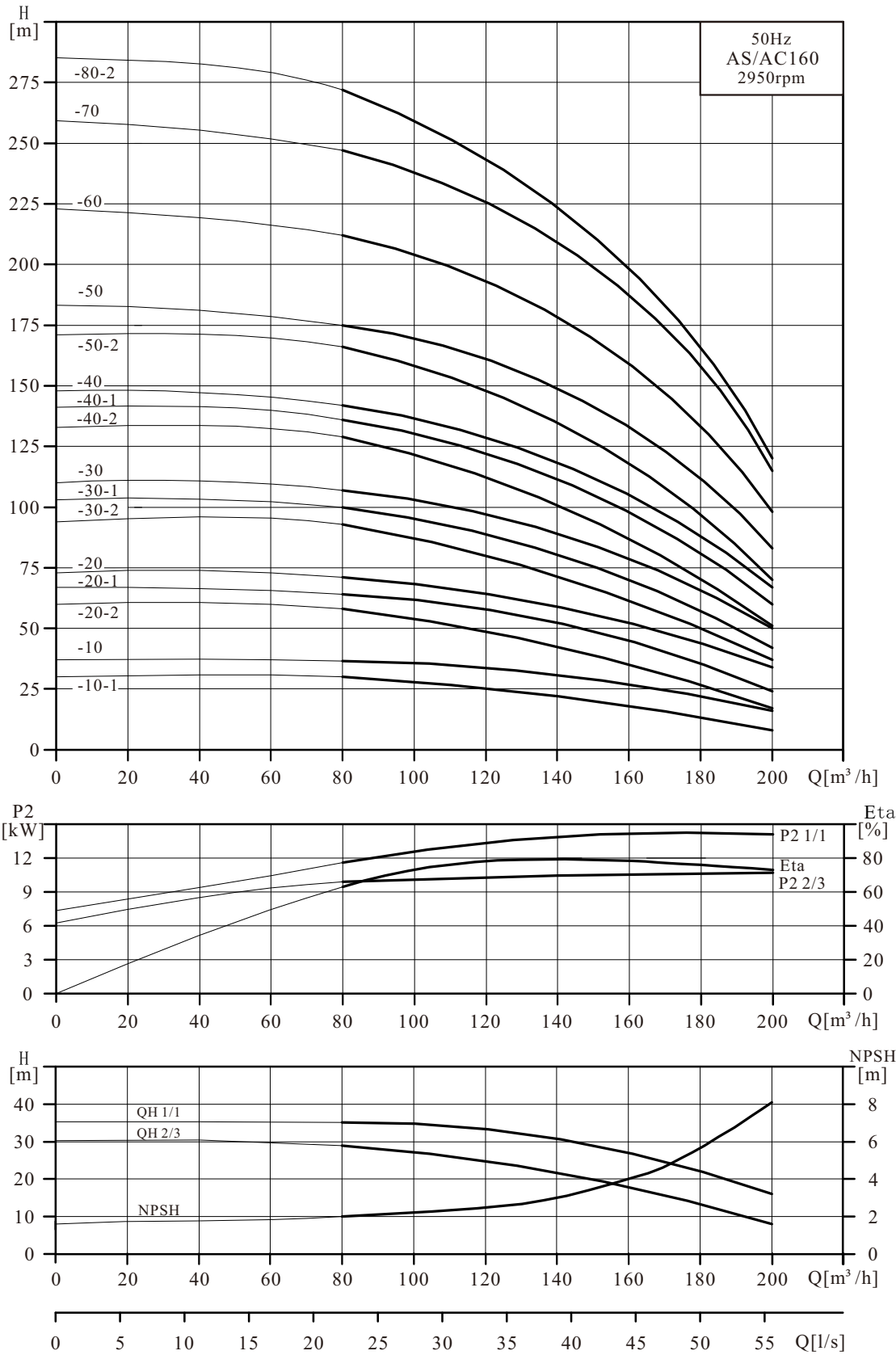


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS160-10-1	787	523	1310	311	235	206
AS160-10	787	523	1310	311	235	213
AS160-20-2	909	578	1487	311	235	276
AS160-20-1	909	666	1575	397	305	346
AS160-20	909	666	1575	397	305	346
AS160-30-2	1031	666	1697	397	305	369
AS160-30-1	1031	704	1735	442	324	441
AS160-30	1031	704	1735	442	324	441
AS160-40-2	1183	785	1968	484	365	561
AS160-40-1	1183	785	1968	484	365	561
AS160-40	1183	849	2032	548	388	675
AS160-50-2	1305	849	2154	548	388	680
AS160-50	1305	849	2154	548	388	680
AS160-60	1427	900	2327	548	388	736
AS160-70	1549	1190	2739	630	525	1081
AS160-80-2	1671	1190	2861	630	525	1090

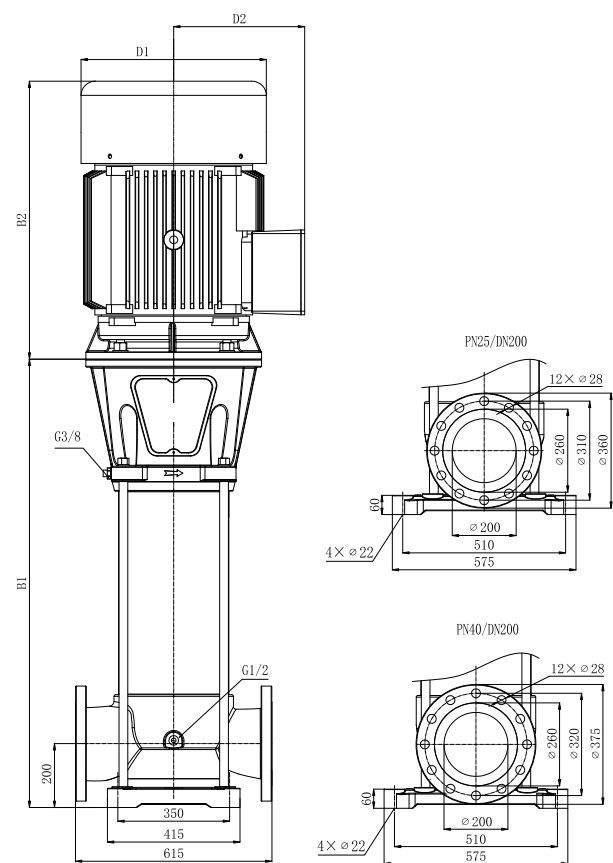
Performance data

Model	kW	Q (m³/h)	80	90	100	110	120	130	140	150	160	170	180	190	200
AS160-10-1	11	H (m)	29	28	27	26	25	23	21	20	18	16	14	11	8
AS160-10	15		35	34	33	32	31	30	29	28	27	24	21	19	16
AS160-20-2	22		58	56	54	51	48	45	42	39	35	31	27	22	17
AS160-20-1	30		64	62	60	58	56	53	50	48	45	40	35	30	24
AS160-20	30		71	68	67	66	64	61	58	55	52	48	44	39	34
AS160-30-2	37		93	91	89	85	81	77	72	67	61	55	49	43	37
AS160-30-1	45		100	96	94	92	89	84	79	75	70	64	58	50	42
AS160-30	45		107	103	101	99	96	93	90	85	79	73	66	58	50
AS160-40-2	55		129	124	121	117	112	106	100	94	87	79	71	61	51
AS160-40-1	55		136	133	130	126	122	117	112	105	98	90	81	70	60
AS160-40	75		142	137	134	131	128	123	118	112	105	97	88	78	67
AS160-50-2	75		166	163	159	154	148	142	135	127	118	108	96	83	70
AS160-50	75		175	173	171	168	164	158	151	142	133	122	111	97	83
AS160-60	90		212	209	205	201	196	190	181	171	159	147	133	115	98
AS160-70	110		247	244	241	236	231	222	212	200	188	171	154	135	115
AS160-80-2	110		272	267	262	256	249	238	226	213	198	180	161	141	120

Performance curve



Installation dimension and weight

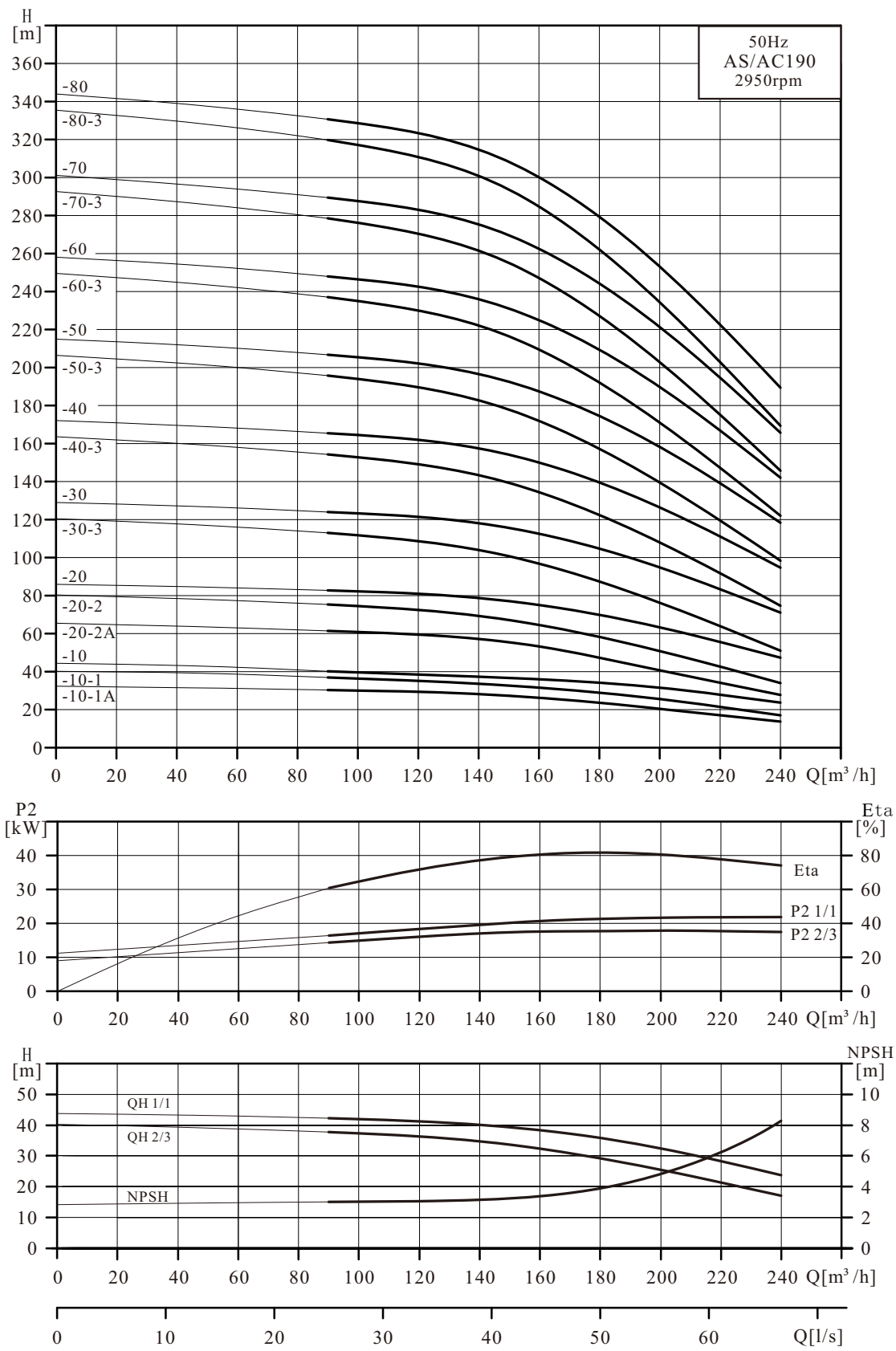


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS190-10-1A	861	523	1384	311	235	261
AS190-10-1	861	578	1439	311	235	283
AS190-10	861	578	1439	311	235	315
AS190-20-2A	989	666	1655	397	305	397
AS190-20-2	989	666	1655	397	305	411
AS190-20	989	704	1693	442	324	481
AS190-30-3	1147	785	1932	484	365	604
AS190-30	1147	849	1996	548	388	718
AS190-40-3	1275	849	2124	548	388	730
AS190-40	1275	900	2175	548	388	776
AS190-50-3	1403	1190	2593	630	525	1119
AS190-50	1403	1190	2593	630	525	1121
AS190-60-3	1531	1190	2721	630	525	1273
AS190-60	1531	1190	2721	630	525	1275
AS190-70-3	1659	1190	2849	630	525	1275
AS190-70	1659	1190	2849	630	525	1277
AS190-80-3	1787	1190	2977	630	525	1559
AS190-80	1787	1190	2977	630	525	1561

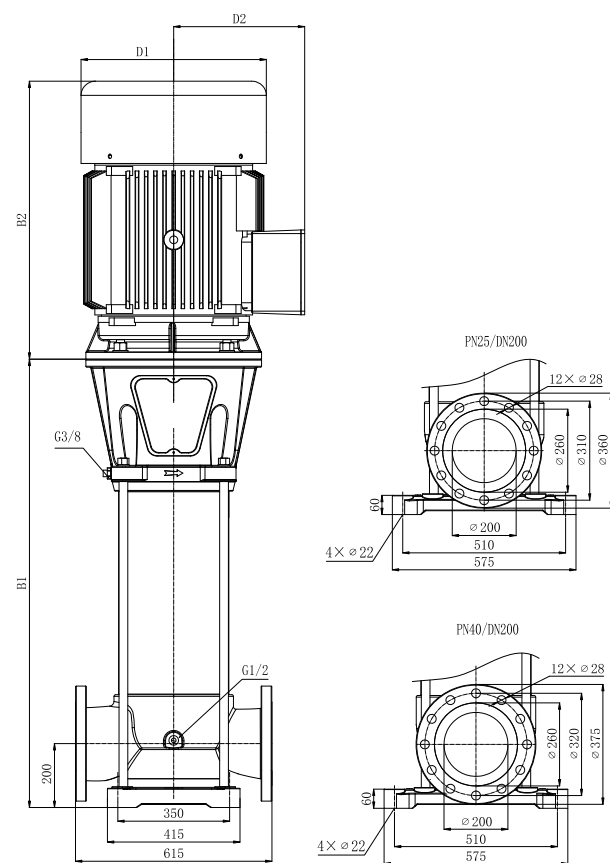
Performance data

Model	kW	Q (m³/h)	90	120	140	160	180	190	200	220	240
AS190-10-1A	15	H (m)	30	29	28	26	24	22	20	17	14
AS190-10-1	18.5		38	36	35	33	29	27	25	21	17
AS190-10	22		40	38	37	36	34	33	31	28	24
AS190-20-2A	30		61	59	56	53	48	44	41	34	28
AS190-20-2	37		75	72	69	65	59	55	51	42	34
AS190-20	45		83	81	79	76	70	67	63	55	47
AS190-30-3	55		113	109	104	98	88	82	76	64	51
AS190-30	75		124	121	118	114	105	100	95	82	71
AS190-40-3	75		154	149	143	136	123	115	108	91	75
AS190-40	90		165	161	157	152	140	133	127	109	95
AS190-50-3	110		196	189	183	174	158	149	139	118	98
AS190-50	110		207	202	197	190	175	167	158	137	118
AS190-60-3	132		237	230	222	212	193	182	171	146	122
AS190-60	132		248	242	236	228	210	200	190	164	142
AS190-70-3	160		278	270	261	250	228	215	203	173	146
AS190-70	160		289	282	275	266	245	233	222	191	166
AS190-80-3	200		320	310	301	288	263	249	234	200	169
AS190-80	200		331	323	315	304	280	267	253	219	189

Performance curve



Installation dimension and weight

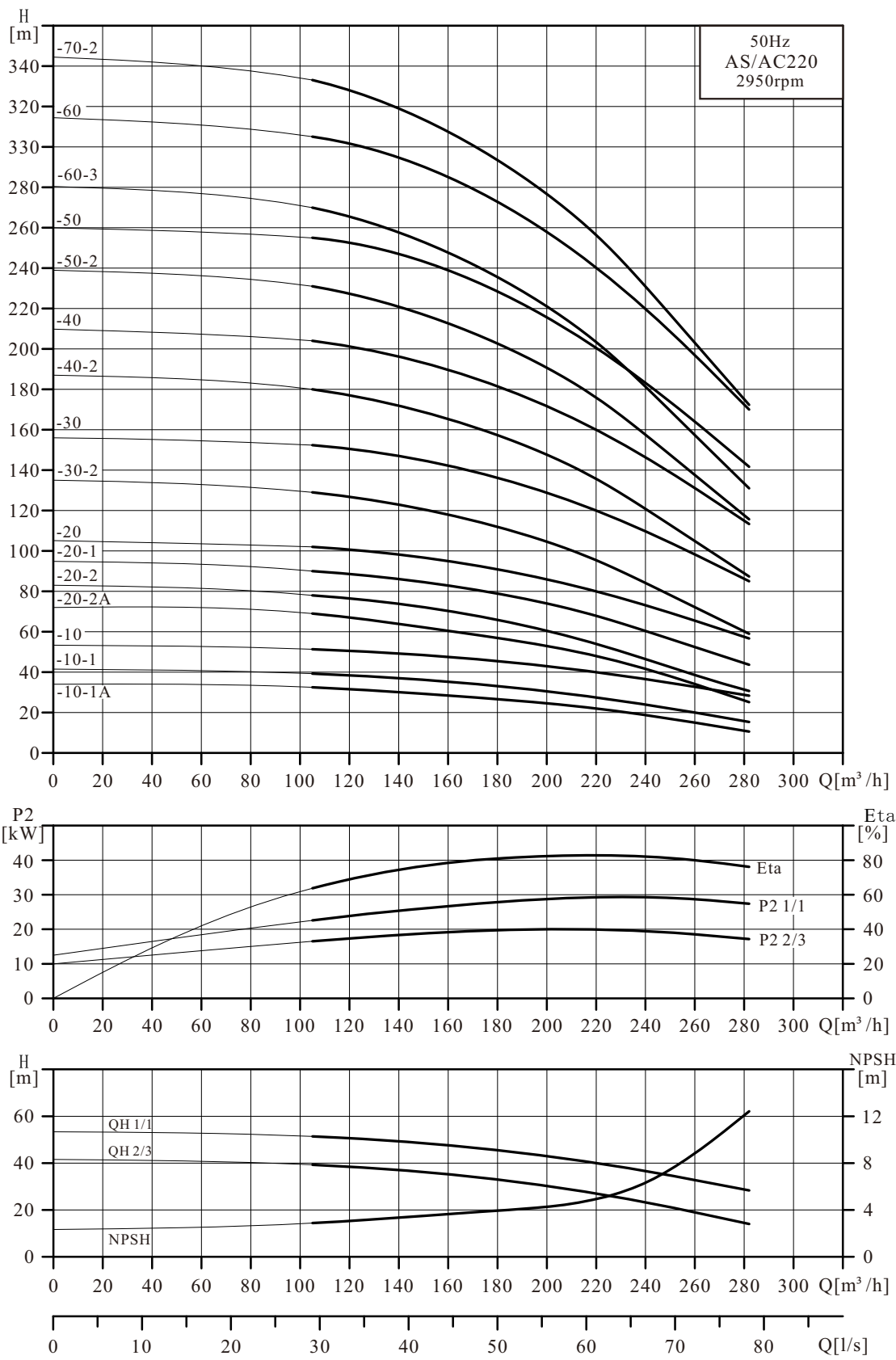


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS220-10-1A	861	578	1439	311	235	284
AS220-10-1	861	578	1439	311	235	316
AS220-10	861	666	1527	397	305	400
AS220-20-2A	989	666	1655	397	305	413
AS220-20-2	989	704	1693	442	324	483
AS220-20-1	1019	785	1804	484	365	596
AS220-20	1019	849	1868	548	388	712
AS220-30-2	1147	849	1996	548	388	722
AS220-30	1147	900	2047	548	388	769
AS220-40-2	1275	1190	2465	630	525	1106
AS220-40	1275	1190	2465	630	525	1247
AS220-50-2	1403	1190	2593	630	525	1251
AS220-50	1403	1190	2593	630	525	1245
AS220-60-3	1531	1190	2721	630	525	1251
AS220-60	1531	1190	2721	630	525	1521
AS220-70-2	1659	1190	2849	630	525	1529

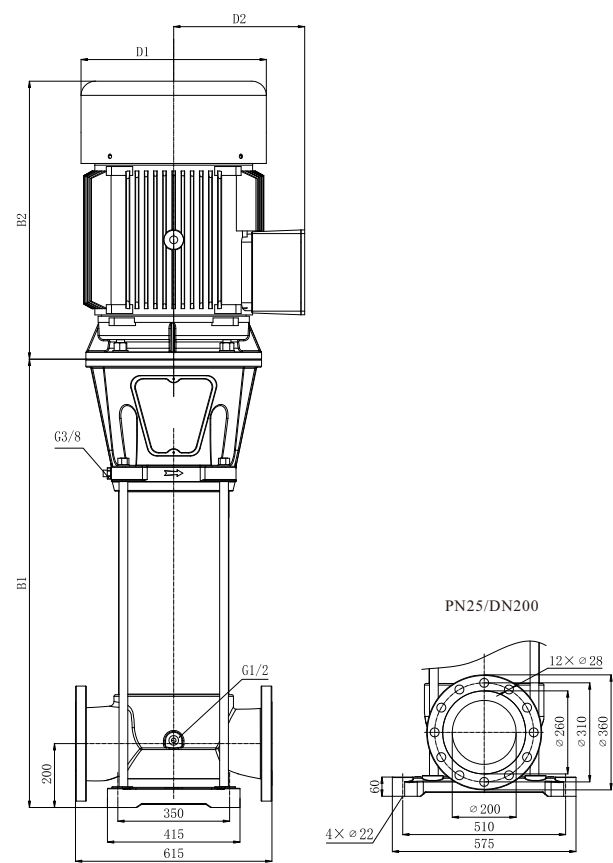
Performance data

Model	kW	Q (m³/h)	H (m)											
			105	120	140	160	180	200	220	240	260	280	282	
AS220-10-1A	18.5	H (m)	33	31	30	28	26	24	22	18	15	13	11	
AS220-10-1	22		39	38	37	35	33	30	27	24	20	16	15	
AS220-10	37		51	50	49	48	46	43	40	37	33	29	28	
AS220-20-2A	37		69	66	63	60	57	52	48	40	34	27	25	
AS220-20-2	45		78	77	74	70	66	60	54	47	40	32	31	
AS220-20-1	55		90	89	86	83	79	73	67	60	53	45	44	
AS220-20	75		102	101	98	95	91	87	80	73	66	58	57	
AS220-30-2	75		129	127	123	118	112	103	94	84	73	60	59	
AS220-30	90		153	151	147	143	137	130	120	110	99	87	85	
AS220-40-2	110		180	177	172	165	157	147	134	121	106	89	87	
AS220-40	132		204	201	196	191	183	173	160	147	132	116	113	
AS220-50-2	132		231	228	221	213	203	190	174	157	139	118	116	
AS220-50	160		255	252	245	238	228	217	200	183	165	145	142	
AS220-60-3	160		270	266	258	248	236	220	201	181	159	134	131	
AS220-60	200		306	302	294	286	274	260	240	220	198	174	170	
AS220-70-2	200		333	328	319	308	294	277	254	231	205	176	172	

Performance curve



Installation dimension and weight

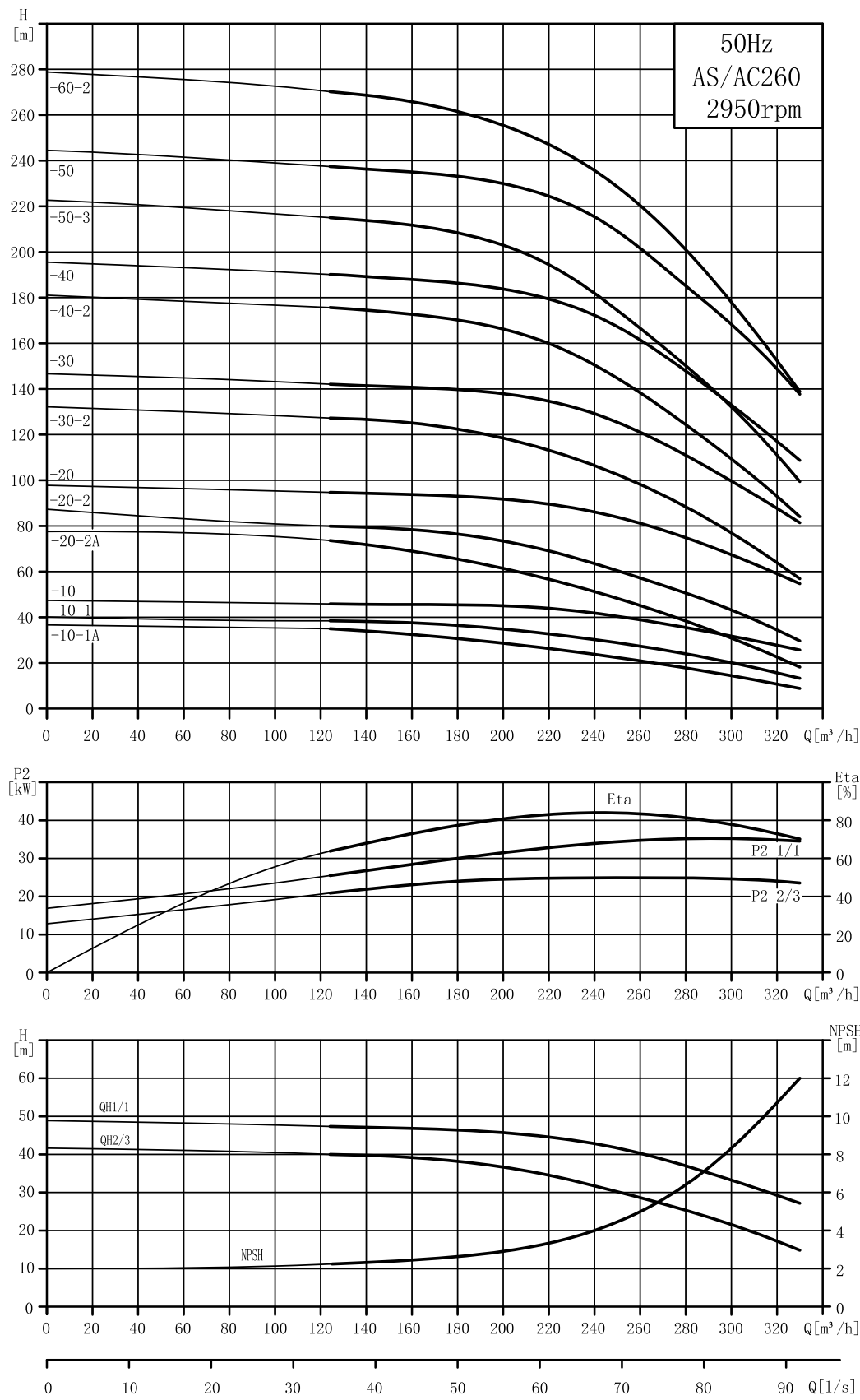


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS260-10-1A	864	578	1442	311	235	319
AS260-10-1	864	666	1530	397	305	389
AS260-10	864	666	1530	397	305	403
AS260-20-2A	997	704	1701	442	324	478
AS260-20-2	1027	785	1812	484	365	588
AS260-20	1027	849	1876	548	388	703
AS260-30-2	1160	900	2060	548	388	754
AS260-30	1160	1190	2350	630	525	1086
AS260-40-2	1293	1190	2483	630	525	1231
AS260-40	1293	1190	2483	630	525	1225
AS260-50-3	1426	1190	2616	630	525	1231
AS260-50	1426	1190	2616	630	525	1501
AS260-60-2	1559	1190	2749	630	525	1506

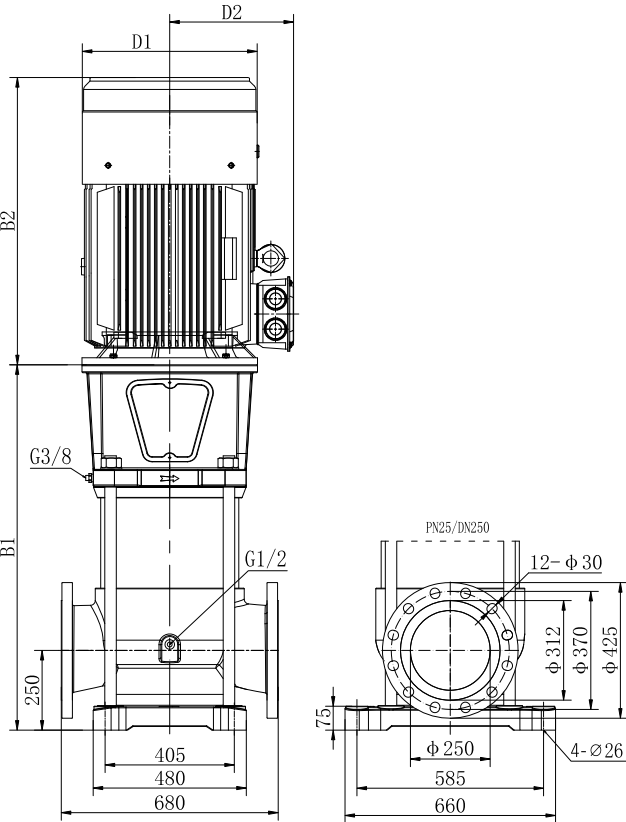
Performance data

Model	kW	Q (m³/h)	H (m)											
			125	140	160	180	200	220	240	260	280	300	320	330
AS260-10-1A	22	H (m)	36.7	34.5	33.6	31.5	29.6	27	24	21.5	17	14	10	8
AS260-10-1	30		38.8	38.3	37.8	37.3	35.8	33.1	30.2	27.2	23.8	19.8	16.0	13.7
AS260-10	37		46.8	46.5	46.2	45.8	45.1	43.9	41.6	38.9	35.5	31.9	28.0	26.0
AS260-20-2A	45		75	72	69	64	60.5	55	49	45	37	29.5	21.5	18
AS260-20-2	55		81	80	79	78	75	69	63	57	51	42.5	35.0	30.5
AS260-20	75		97	96	95	94	93	91	86	81	74	67	59	55
AS260-30-2	90		130	128	126	124	121	115	106	98	88	76	64	58
AS260-30	110		145	144	143	142	140	136	129	121	111	100	89	82
AS260-40-2	132		178	177	175	173	168	160	150	138	125	109	94	85
AS260-40	160		194	193	192	190	186	182	172	161	148	133	118	110
AS260-50-3	160		199	217	214	211	205	195	181	167	150	130	111	101
AS260-50	200		242	241	239	237	233	227	215	202	185	167	148	137
AS260-60-2	200		274	272	270	267	261	251	236	219	199	176	153	140

Performance curve



Installation dimension and weight

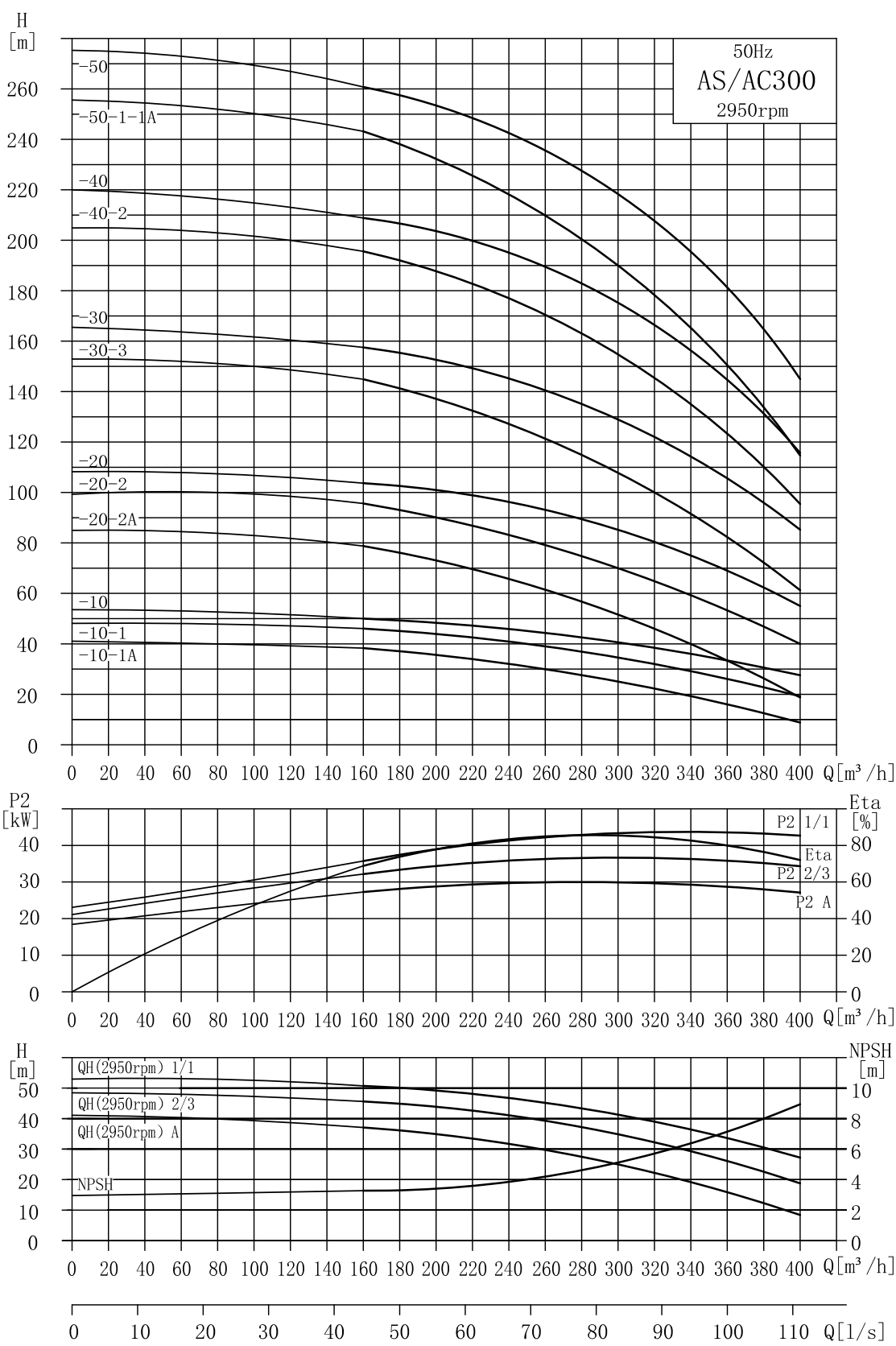


Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS300-10-1A	970	666	1636	397	305	387
AS300-10-1	970	666	1636	397	305	403
AS300-10	970	704	1674	442	324	470
AS300-20-2A	1145	785	1930	484	365	564
AS300-20-2	1145	849	1994	548	388	702
AS300-20	1145	900	2045	548	388	749
AS300-30-3	1290	1190	2480	630	525	1071
AS300-30	1290	1190	2480	630	525	1226
AS300-40-2	1435	1190	2625	630	525	1223
AS300-40	1435	1190	2625	630	525	1448
AS300-50-1-1A	1580	1190	2770	630	525	1499
AS300-50	1580	1190	2770	630	525	1500

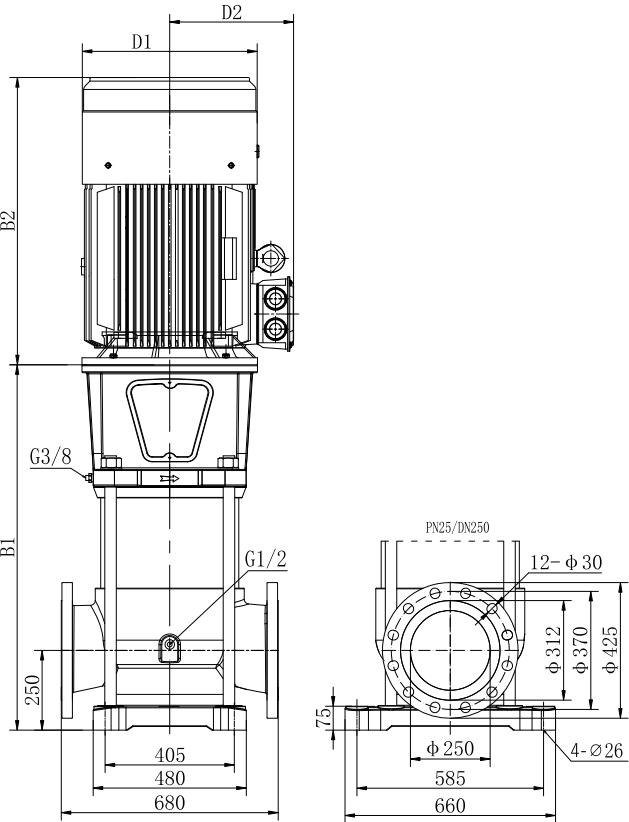
Performance data

Model	kW	Q (m³/h)	H (m)													
			160	180	200	220	240	260	280	300	320	340	360	380	400	
AS300-10-1A	30	H (m)	38	37	36	34	32	30	27.5	25	22	19	16	12	8	
AS300-10-1	37		46	45	44	42.5	41	39	37	34	32	29	26	23	19	
AS300-10	45		50	49	48	47	46	44	43	42	39	36	33	31	27	
AS300-20-2A	55		78	76	73	70	66	62	57	52	46	40	33	26	18	
AS300-20-2	75		95	93	90	87	83	79	75	70	65	59	53	47	40	
AS300-20	90		104	103	101	99	96	93	90	85	80	75	69	62	55	
AS300-30-3	110		145	141	137	133	127	122	115	107	100	92	82	72	62	
AS300-30	132		157	155	152	149	145	141	135	129	122	114	105	95	85	
AS300-40-2	160		195	192	188	183	177	170	163	155	145	135	123	110	95	
AS300-40	185		209	206	203	200	195	190	183	174	166	156	145	131	115	
AS300-50-1-1A	200	H (m)	243	238	232	225	218	210	200	189	178	165	150	133	114	
AS300-50	220		261	257	253	248	243	235	227	219	208	195	181	164	144	

Performance curve



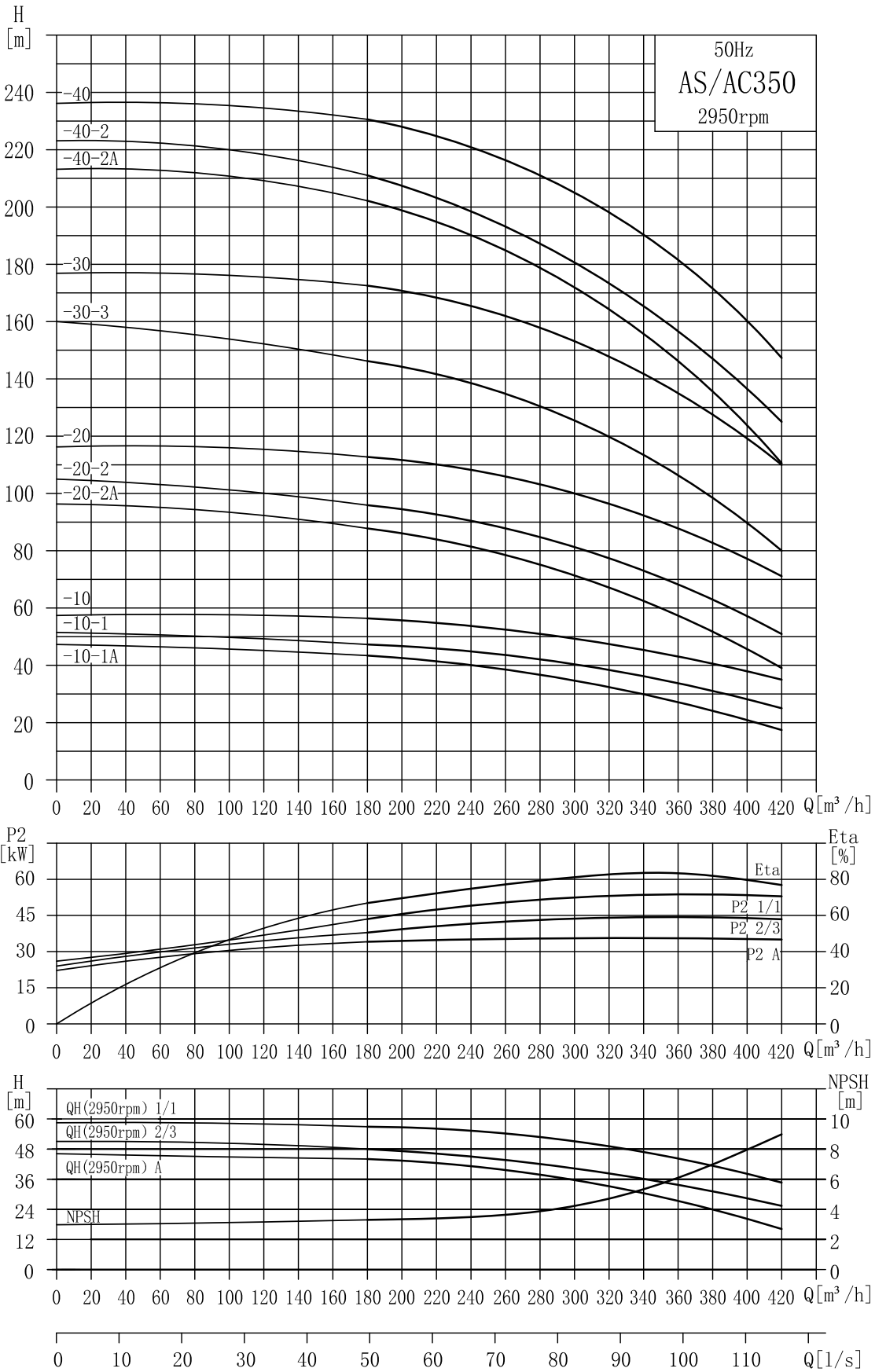
Installation dimension and weight



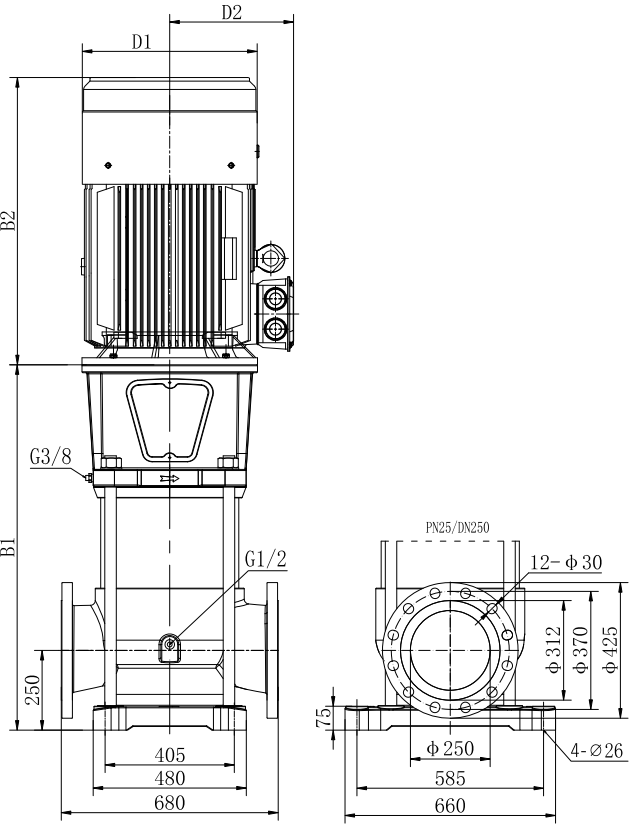
Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS350-10-1A	970	666	1636	397	305	405
AS350-10-1	970	704	1674	442	324	473
AS350-10	1000	785	1785	484	365	559
AS350-20-2A	1145	849	1994	548	388	704
AS350-20-2	1145	900	2045	548	388	751
AS350-20	1145	1190	2335	630	525	1070
AS350-30-3	1290	1190	2480	630	525	1224
AS350-30	1290	1190	2480	630	525	1218
AS350-40-2A	1435	1190	2625	630	525	1450
AS350-40-2	1435	1190	2625	630	525	1495
AS350-40	1435	1190	2625	630	525	1541

Performance data

Model	kW	Q (m³/h)	H (m)													
			180	200	220	240	260	280	300	320	340	350	360	380	400	420
AS350-10-1A	37	H (m)	44	42.5	41	40	38	36	34	32	30	29	27	24	21	17
AS350-10-1	45		48	47	46	45	44	42	40	38	36	35	34	31	28	25
AS350-10	55		57	56	55	54	52	51	49	47	45	44	43	41	36	35
AS350-20-2A	75		88	86	84	81	78	75	71	67	63	60	57	52	45	38
AS350-20-2	90		96	94	92	90	88	85	82	78	74	72	68	63	57	51
AS350-20	110		113	111	110	108	106	103	100	96	93	90	87	83	74	71
AS350-30-3	132		146	144	141	138	135	130	125	120	113	110	106	98	90	80
AS350-30	160		173	171	168	165	162	158	154	148	142	138	135	127	118	110
AS350-40-2A	185		202	198	195	190	185	178	172	164	156	150	146	135	124	110
AS350-40-2	200		211	207	203	198	193	190	184	173	167	163	157	147	136	125
AS350-40	220		231	228	224	221	216	211	205	198	190	186	181	171	160	147



Installation dimension and weight

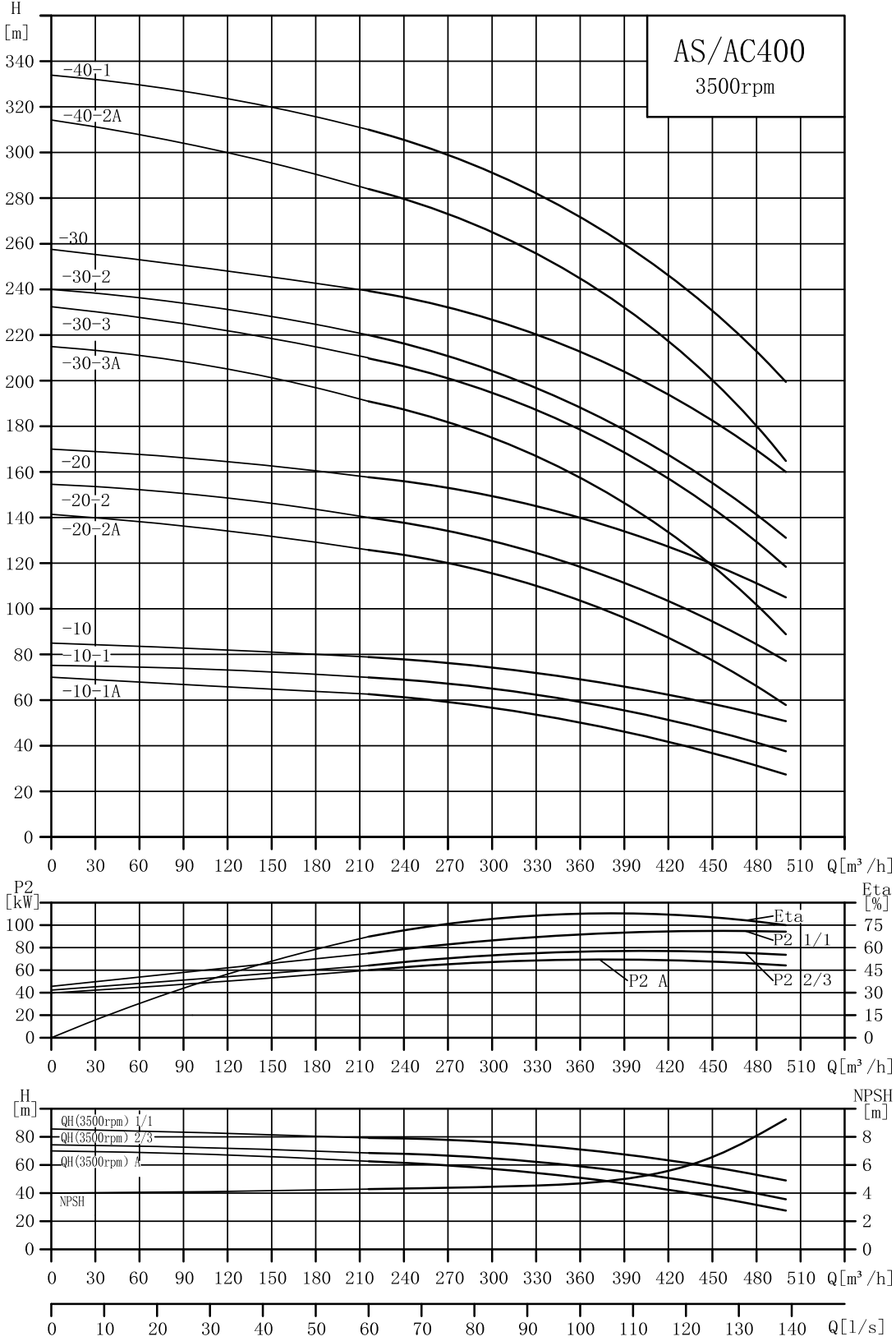


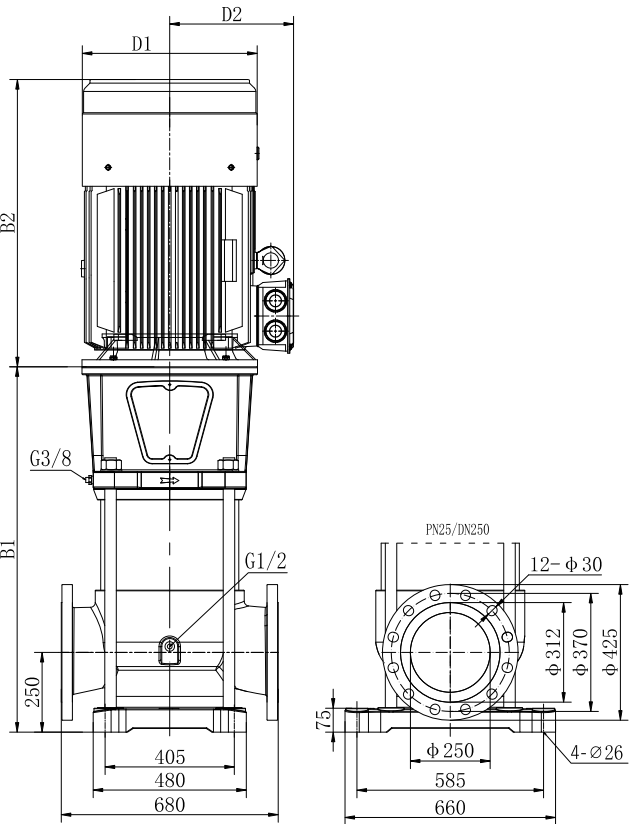
Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS400-10-1A	970	767	1737	352	273	470
AS400-10-1	970	767	1737	352	273	471
AS400-10	970	767	1737	352	273	491
AS400-20-2A	1115	704	1819	442	324	537
AS400-20-2	1115	704	1819	442	324	563
AS400-20	1115	704	1819	442	324	580
AS400-30-3A	1260	704	1964	442	324	609
AS400-30-3	1290	785	2075	484	365	636
AS400-30-2	1290	785	2075	484	365	665
AS400-30	1290	785	2075	484	365	685
AS400-40-2A	1435	785	2220	484	365	706
AS400-40-1	1580	929	2509	548	388	780

Performance data

Model	kW	Q (m³/h)	216	240	270	300	330	360	390	400	420	450	480	498
AS400-10-1A	75	H (m)	63	61	58	56	53	50	47	45	42	37	32	27
AS400-10-1	75		69	68	67	65	62	59	56	53	47	43	41	37
AS400-10	90		79	78	76	74	72	69	66	64	62	58	54	52
AS400-20-2A	132		124	122	120	115	110	104	96	93	87	77	66	57
AS400-20-2	160		140	137	133	129	124	118	112	108	103	94	85	77
AS400-20	185		158	156	153	149	145	140	134	132	127	120	111	105
AS400-30-3A	200		190	187	182	175	167	157	146	142	134	129	102	88
AS400-30-3	225		210	206	201	194	187	178	168	164	157	143	130	118
AS400-30-2	250		221	216	211	204	196	188	178	175	168	155	142	131
AS400-30	280		239	237	232	226	220	212	204	200	194	182	169	160
AS400-40-2A	315		284	280	273	264	255	244	232	227	217	200	180	164
AS400-40-1	355		310	305	299	291	282	271	260	255	246	230	213	199

Performance curve





Model	Dimension(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
AS450-10-1A	970	767	1737	352	273	470
AS450-10-1	970	767	1737	352	273	471
AS450-10	970	767	1737	352	273	491
AS450-20-2A	1115	704	1819	442	324	537
AS450-20-2	1115	704	1819	442	324	563
AS450-20	1115	704	1819	442	324	580
AS450-30-3A	1260	704	1964	442	324	609
AS450-30-3	1290	785	2075	484	365	636
AS450-30-2	1290	785	2075	484	365	665
AS450-30	1290	785	2075	484	365	685
AS450-40-2A	1435	785	2220	484	365	706
AS450-40-1	1580	929	2509	548	388	780

Model	kW	Q (m³/h)	216	240	270	300	330	360	390	400	420	450	480	498
AS450-10-1A	75	H (m)	63	61	58	56	53	50	47	45	42	37	32	27
AS450-10-1	75		69	68	67	65	62	59	56	53	47	43	41	37
AS450-10	90		79	78	76	74	72	69	66	64	62	58	54	52
AS450-20-2A	132		124	122	120	115	110	104	96	93	87	77	66	57
AS450-20-2	160		140	137	133	129	124	118	112	108	103	94	85	77
AS450-20	185		158	156	153	149	145	140	134	132	127	120	111	105
AS450-30-3A	200		190	187	182	175	167	157	146	142	134	129	102	88
AS450-30-3	225		210	206	201	194	187	178	168	164	157	143	130	118
AS450-30-2	250		221	216	211	204	196	188	178	175	168	155	142	131
AS450-30	280		239	237	232	226	220	212	204	200	194	182	169	160
AS450-40-2A	315		284	280	273	264	255	244	232	227	217	200	180	164
AS450-40-1	355		310	305	299	291	282	271	260	255	246	230	213	199

