

VEICHI

Submersible Pump For Deep-well Series



Stock Code: 688698

VEICHI

Suzhou Veichi Electric Co., Ltd

No.1000 Songjia Road, Guoxiang street, Wuzhong
Economic and Technological Development Zone,

Tel: +86-512-6617 1988 Fax: +86-512-6617 3610

Facebook: <https://www.facebook.com/veichigroup>

WhatsApp: +86-138 2881 8903

<https://www.veichi.org/>



Official Website

Version: Aug. 2024

Any contents in this book are subject to change without
notice. Veichi Electric Co., Ltd all rights reserved,
reproduction in all its forms is strictly prohibited.



6"

6"

6"

5"

5"

4"

4"

4"

4"

3.5"

3"

2.5"

2"

3VSD/3VSE/3VSS

Applications

For water supply from wells or reservoirs
 For domestic use, for civil and industrial applications
 For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +35°C
 Maximum sand content: 0.25%
 Minimum well diameter: 3"

Motor and Pump

Rewindable motor
Three-phase: 380 - 415V/50Hz
 Pumps are designed by casing stressed
 Curve tolerance according to ISO 9906

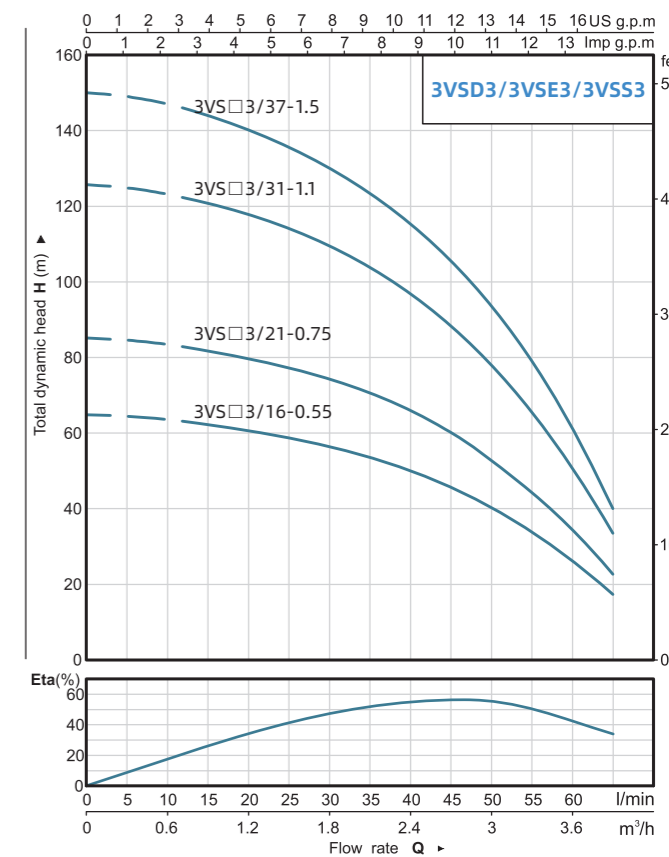
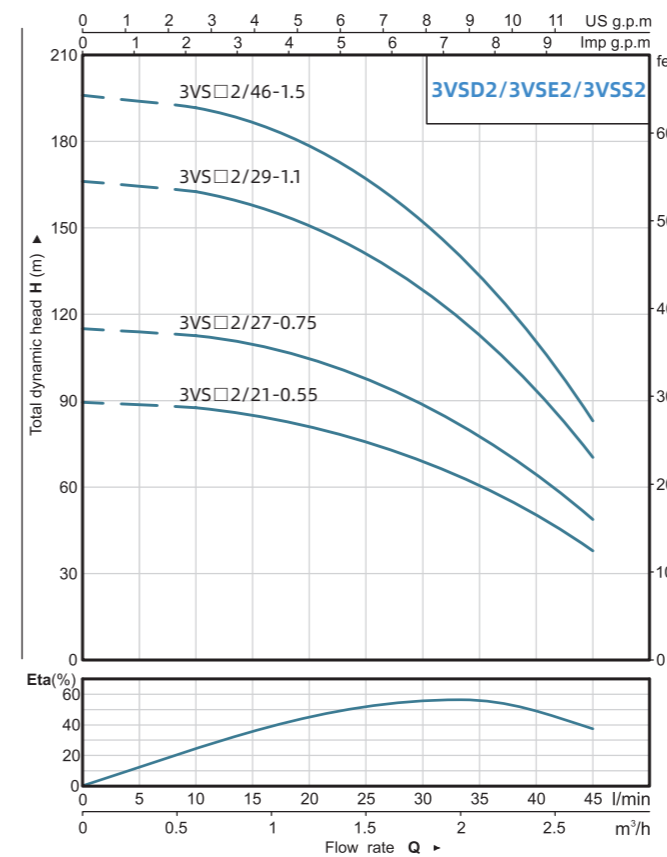
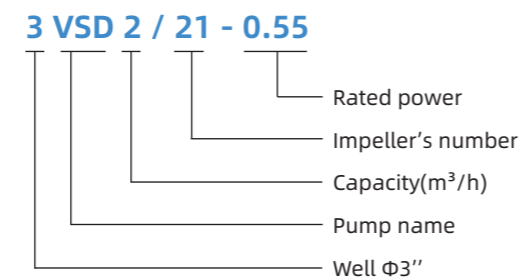
Options on request

Special mechanical seal
 Other voltages or frequency 60Hz



3VSD 3VSE 3VSS

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM C85500 ② AISI 304 SS
Suction lantern	① Cast-Cu ASTM C85500 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutical use.



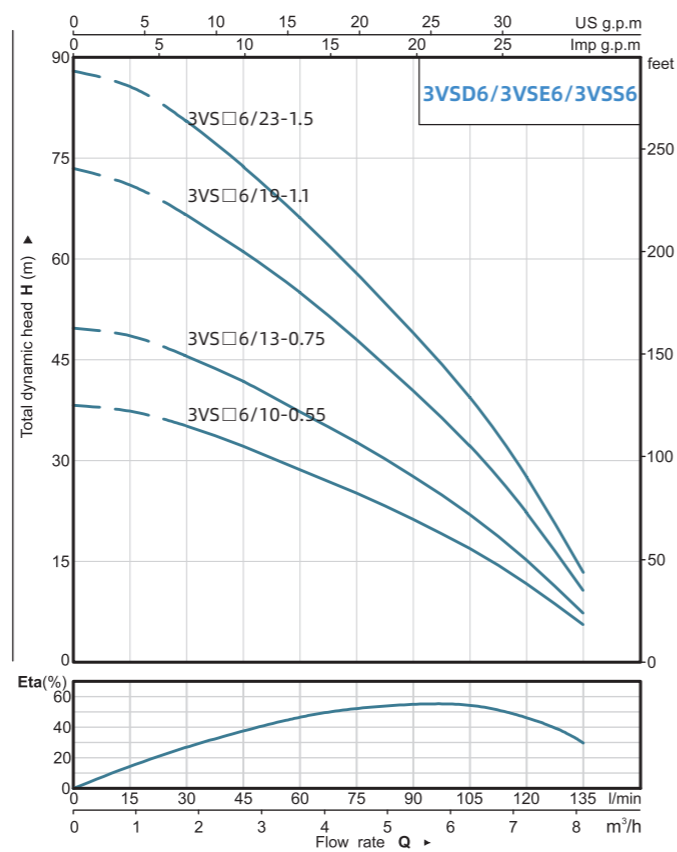
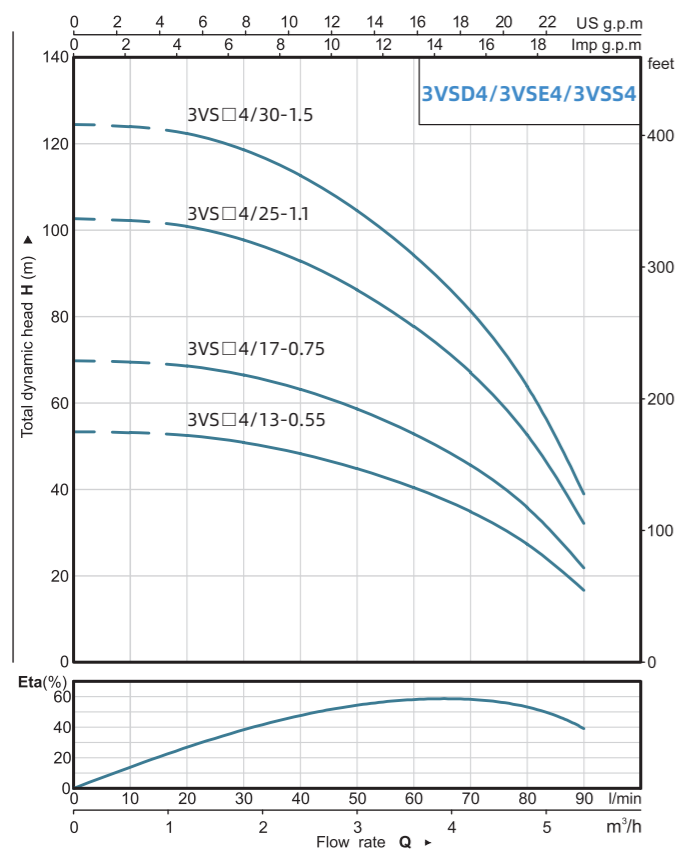
PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY										
	kW	HP	n≈2850 1/min										
3~380-415V			Q	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
			m ³ /h l/min	0	5	10	15	20	25	30	35	40	45
3VS□2/21-0.55	0.55	0.75	H(m)	89	89	87	85	81	76	68	60	51	38
3VS□2/27-0.75	0.75	1		115	114	112	110	104	97	88	77	65	49
3VS□2/29-1.1	1.1	1.5		166	164	161	159	151	141	127	112	94	70
3VS□2/46-1.5	1.5	2		196	194	190	187	178	166	150	132	111	83

PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY								
	kW	HP	n≈2850 1/min								
3~380-415V			Q	0	0.6	1.2	1.8	2.4	3.0	3.6	3.9
			m ³ /h l/min	0	10	20	30	40	50	60	65
3VS□3/16-0.55	0.55	0.75	H(m)	64	63	60	57	51	41	26	17
3VS□3/21-0.75	0.75	1		84	82	78	74	67	53	34	23
3VS□3/31-1.1	1.1	1.5		124	121	116	110	99	79	51	34
3VS□3/37-1.5	1.5	2		148	145	138	131	118	94	61	40

• 3VS□ in the above table can be replaced by any of 3VSD,3VSE,3VSS



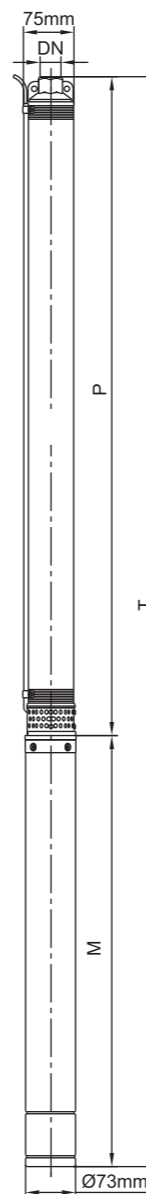
PERFORMANCE DATA 50Hz

MODEL 3~ 380 - 415V	P ₂		DELIVERY n≈2850 1/min										
	kW	HP	Q m³/h l/min	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
3VS□4/13-0.55	0.55	0.75	H(m)	53	53	52	51	48	45	40	35	27	17
3VS□4/17-0.75	0.75	1		70	70	69	66	63	59	53	46	36	22
3VS□4/25-1.1	1.1	1.5		103	102	101	98	93	86	78	67	53	32
3VS□4/30-1.5	1.5	2		123	123	121	117	111	103	93	80	63	39

PERFORMANCE DATA 50Hz

MODEL 3~ 380 - 415V	P ₂		DELIVERY n≈2850 1/min										
	kW	HP	Q m³/h l/min	0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1
3VS□6/10-0.55	0.55	0.75	H(m)	38	37	34	31	29	25	21	17	11	5
3VS□6/13-0.75	0.75	1		50	49	45	41	38	33	28	23	14	7
3VS□6/19-1.1	1.1	1.5		73	71	65	59	55	48	40	33	21	10
3VS□6/23-1.5	1.5	2		88	86	79	72	67	58	49	40	25	12

• 3VS□ in the above table can be replaced by any of 3VSD,3VSE,3VSS



DIMENSION AND WEIGHT

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
3VS□2/21-0.55	1"1/4"1/2"	701	352	1053	3.3	5.6	8.9
3VS□2/27-0.75	1"1/4"1/2"	839	392	1231	3.8	6.8	10.6
3VS□2/39-1.1	1"1/4"1/2"	1116	472	1588	5.3	8.9	14.2
3VS□2/46-1.5	1"1/4"1/2"	1324	507	1831	6.1	9.8	15.9

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
3VS□3/16-0.55	1"1/4"1/2"	634	352	986	2.8	5.6	8.4
3VS□3/21-0.75	1"1/4"1/2"	764	392	1156	3.4	6.8	10.2
3VS□3/31-1.1	1"1/4"1/2"	1048	472	1520	4.6	8.9	13.5
3VS□3/37-1.5	1"1/4"1/2"	1204	507	1711	5.2	9.8	15.0

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
3VS□4/13-0.55	1"1/4"1/2"	627	352	979	2.6	5.6	8.2
3VS□4/17-0.75	1"1/4"1/2"	753	392	1145	3.2	6.8	10.0
3VS□4/25-1.1	1"1/4"1/2"	1029	472	1501	4.3	8.9	13.2
3VS□4/30-1.5	1"1/4"1/2"	1187	507	1694	5.0	9.8	14.8

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
3VS□6/10-0.55	1/4"1/2"	564	352	916	2.3	5.6	7.9
3VS□6/13-0.75	1/4"1/2"	699	392	1091	2.6	6.8	9.4
3VS□6/19-1.1	1/4"1/2"	921	472	1393	3.5	8.9	12.4
3VS□6/23-1.5	1/4"1/2"	1093	507	1600	4.1	9.8	13.9

3.5VSD/3.5VSS

Applications

For water supply from wells or reservoirs
 For domestic use, for civil and industrial applications
 For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +35°C
 Maximum sand content: 0.25%
 Minimum well diameter: 3.5"

Motor and Pump

Rewindable motor
Three-phase: 380 - 415V/50Hz
 Pumps are designed by casing stressed
 Curve tolerance according to ISO 9906

Options on request

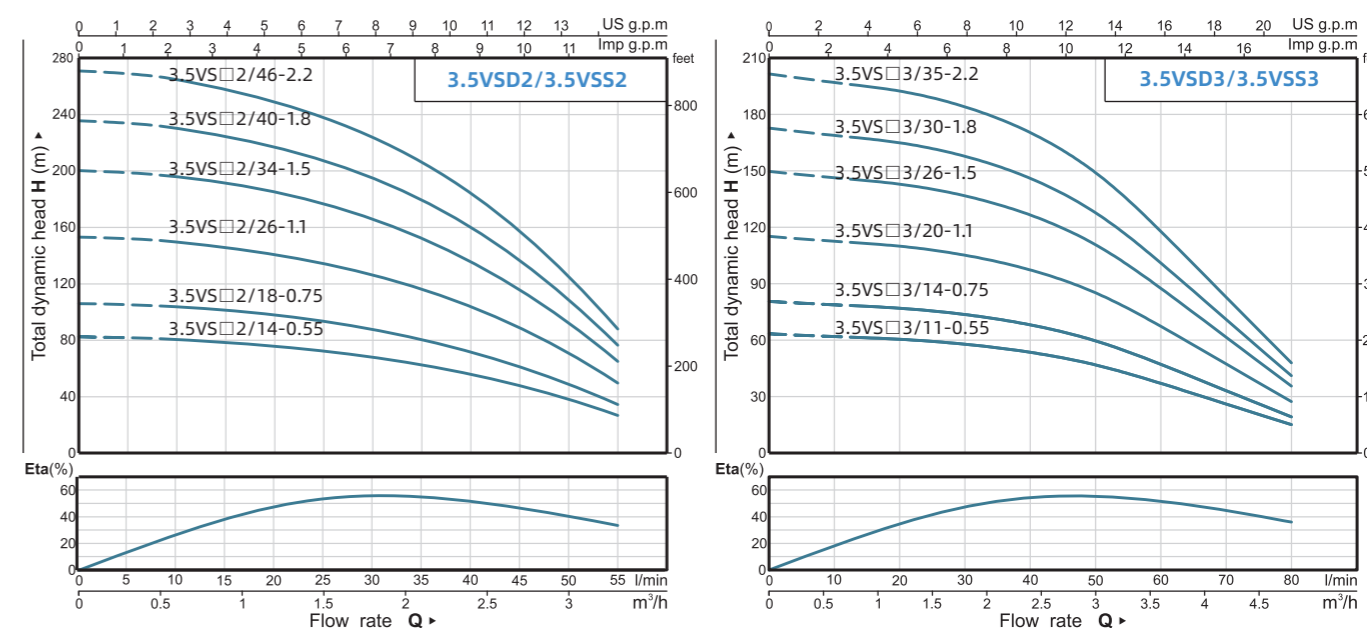
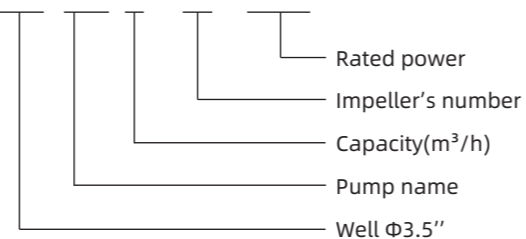
Special mechanical seal
 Other voltages or frequency 60Hz



3.5VSD 3.5VSS

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM C85500 ② AISI 304 SS
Suction lantern	① Cast-Cu ASTM C85500 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

3.5 VSD 2 / 14 - 0.55



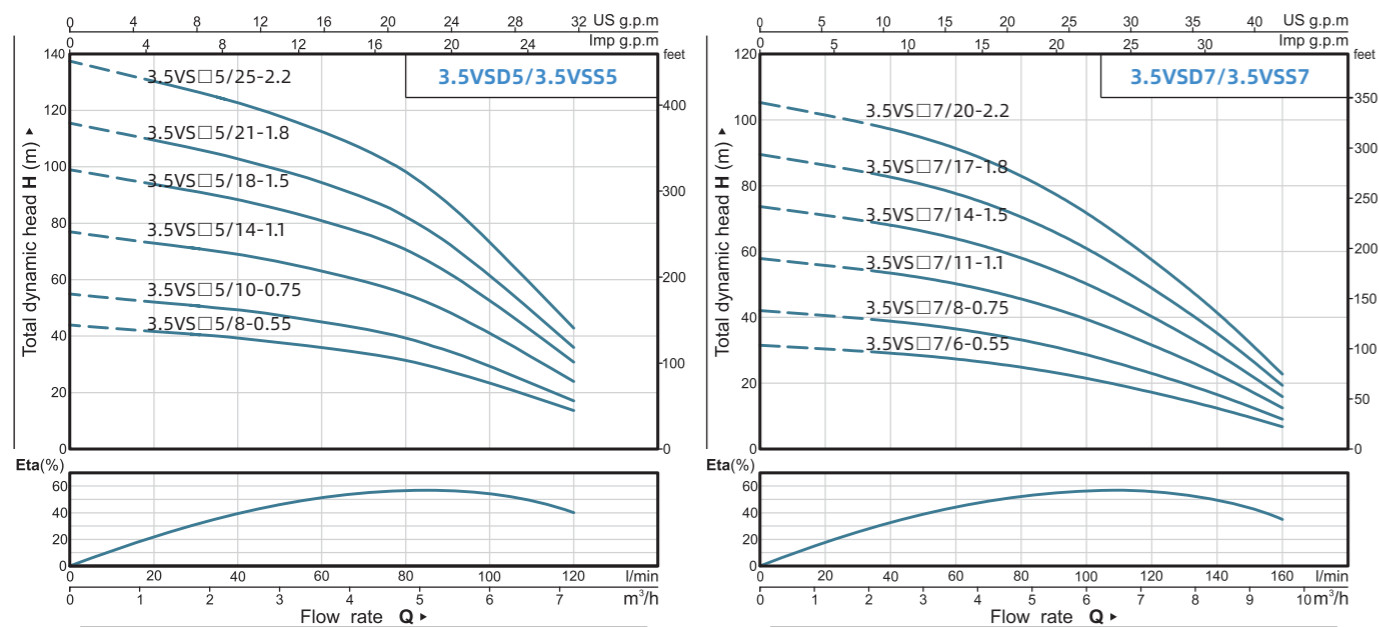
PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min												
	kW	HP	Q	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3
3~380-415V			m³/h	0	5	10	15	20	25	30	35	40	45	50	55
3.5VS□2/14-0.55	0.55	0.75	H(m)	82	82	81	79	76	73	67	62	54	48	39	27
3.5VS□2/18-0.75	0.75	1		106	105	104	101	98	93	87	80	70	62	51	35
3.5VS□2/26-1.1	1.1	1.5		153	152	150	146	141	135	125	115	101	89	73	50
3.5VS□2/34-1.5	1.5	2		200	199	196	191	184	177	163	150	132	116	95	65
3.5VS□2/40-1.8	1.8	2.5		235	234	231	225	217	208	192	177	155	137	112	77
3.5VS□2/46-2.2	2.2	3		271	269	265	258	249	239	221	203	179	157	129	88

PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min									
	kW	HP	Q	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8
3~380-415V			m³/h	0	10	20	30	40	50	60	70	80
3.5VS□3/11-0.55	0.55	0.75	H(m)	63	62	61	58	54	47	37	26	15
3.5VS□3/14-0.75	0.75	1		81	79	77	74	68	60	47	33	19
3.5VS□3/20-1.1	1.1	1.5		115	113	110	105	98	85	68	48	28
3.5VS□3/26-1.5	1.5	2		150	146	143	137	127	111	88	62	36
3.5VS□3/30-1.8	1.8	2.5		173	169	165	158	146	128	101	71	41
3.5VS□3/35-2.2	2.2	3		202	197	193	184	170	149	118	83	48

• 3.5VS□ in the above table can be replaced by any of 3.5VSD,3.5VSS



PERFORMANCE DATA 50Hz

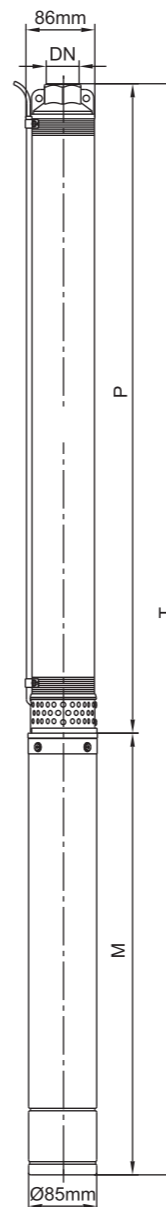
MODEL	P ₂		Q	DELIVERY							
	kW	HP		n≈2850 1/min							
3~380-415V				0	1.2	2.4	3.6	4.8	6.0	7.2	
				0	20	40	60	80	100	120	
3.5VS□5/8-0.55	0.55	0.75	H(m)	44	42	39	36	31	23	14	
3.5VS□5/10-0.75	0.75	1		55	55	49	45	39	29	17	
3.5VS□5/14-1.1	1.1	1.5		77	73	69	63	55	41	24	
3.5VS□5/18-1.5	1.5	2		99	94	89	81	71	53	31	
3.5VS□5/21-1.8	1.8	2.5		116	110	104	95	83	62	36	
3.5VS□5/25-2.2	2.2	3		138	130	123	113	98	73	43	

PERFORMANCE DATA 50Hz

MODEL	P ₂		Q	DELIVERY								
	kW	HP		n≈2850 1/min								
3~380-415V				0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6
				0	20	40	60	80	100	120	140	160
3.5VS□7/6-0.55	0.55	0.75	H(m)	32	30	29	27	25	22	17	12	7
3.5VS□7/8-0.75	0.75	1		42	41	40	37	33	29	23	17	9
3.5VS□7/11-1.1	1.1	1.5		58	56	54	50	46	39	32	23	13
3.5VS□7/14-1.5	1.5	2		74	71	67	64	58	50	40	29	16
3.5VS□7/17-1.8	1.8	2.5		90	86	81	78	71	61	49	35	19
3.5VS□7/20-2.2	2.2	3		105	102	94	91	83	72	58	41	23

• 3.5VS□ in the above table can be replaced by any of 3.5VSD, 3.5VSS

DIMENSION AND WEIGHT



MODEL	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(π)	T(π)	P	M(π)	T(π)
3~380-415V							
3.5VS□2/14-0.55	1¼"/1½"	537	303	840	3.3	6.0	9.3
3.5VS□2/18-0.75	1¼"/1½"	657	328	985	3.8	7.1	10.9
3.5VS□2/26-1.1	1¼"/1½"	846	388	1234	4.8	9.5	14.3
3.5VS□2/34-1.5	1¼"/1½"	1060	448	1508	6.5	11.6	18.1
3.5VS□2/40-1.8	1¼"/1½"	1202	478	1680	7.1	13.0	20.1
3.5VS□2/46-2.2	1¼"/1½"	1369	528	1897	7.9	14.8	22.7
3.5VS□3/11-0.55	1¼"/1½"	496	303	799	2.9	6.0	8.9
3.5VS□3/14-0.75	1¼"/1½"	575	328	903	3.3	7.1	10.4
3.5VS□3/20-1.1	1¼"/1½"	758	388	1146	4.4	9.5	13.9
3.5VS□3/26-1.5	1¼"/1½"	915	448	1363	5.3	11.6	16.9
3.5VS□3/30-1.8	1¼"/1½"	1020	478	1498	6.0	13.0	19.0
3.5VS□3/35-2.2	1¼"/1½"	1176	528	1704	6.7	14.8	21.5
3.5VS□5/8-0.55	1¼"/1½"	471	303	774	2.9	3.2	9.2
3.5VS□5/10-0.75	1¼"/1½"	538	328	866	3.3	3.6	10.7
3.5VS□5/14-1.1	1¼"/1½"	729	388	1117	4.4	4.4	13.9
3.5VS□5/18-1.5	1¼"/1½"	828	448	1276	5.3	5.2	16.8
3.5VS□5/21-1.8	1¼"/1½"	928	478	1406	6.0	5.8	18.8
3.5VS□5/25-2.2	1¼"/1½"	1086	528	1614	6.7	6.2	21.0
3.5VS□7/6-0.55	1¼"/1½"	406	303	709	2.1	6.0	8.1
3.5VS□7/8-0.75	1¼"/1½"	472	328	800	2.8	7.1	9.9
3.5VS□7/11-1.1	1¼"/1½"	572	388	960	3.9	9.5	13.4
3.5VS□7/14-1.5	1¼"/1½"	696	448	1144	5.0	11.6	16.6
3.5VS□7/17-1.8	1¼"/1½"	796	478	1274	6.1	13.0	19.1
3.5VS□7/20-2.2	1¼"/1½"	895	528	1423	7.2	14.8	22.0

4VSD/4VSE/4VSS/4VSA

Applications

For water supply from wells or reservoirs
For domestic use, for civil and industrial applications
For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +35°C
Maximum sand content: 0.25%
Minimum well diameter: 4"

Motor and Pump

Rewindable motor
Three-phase: 380 - 415V/50Hz
Pumps are designed by casing stressed
NEMA dimension standards
Curve tolerance according to ISO 9906

Options on request

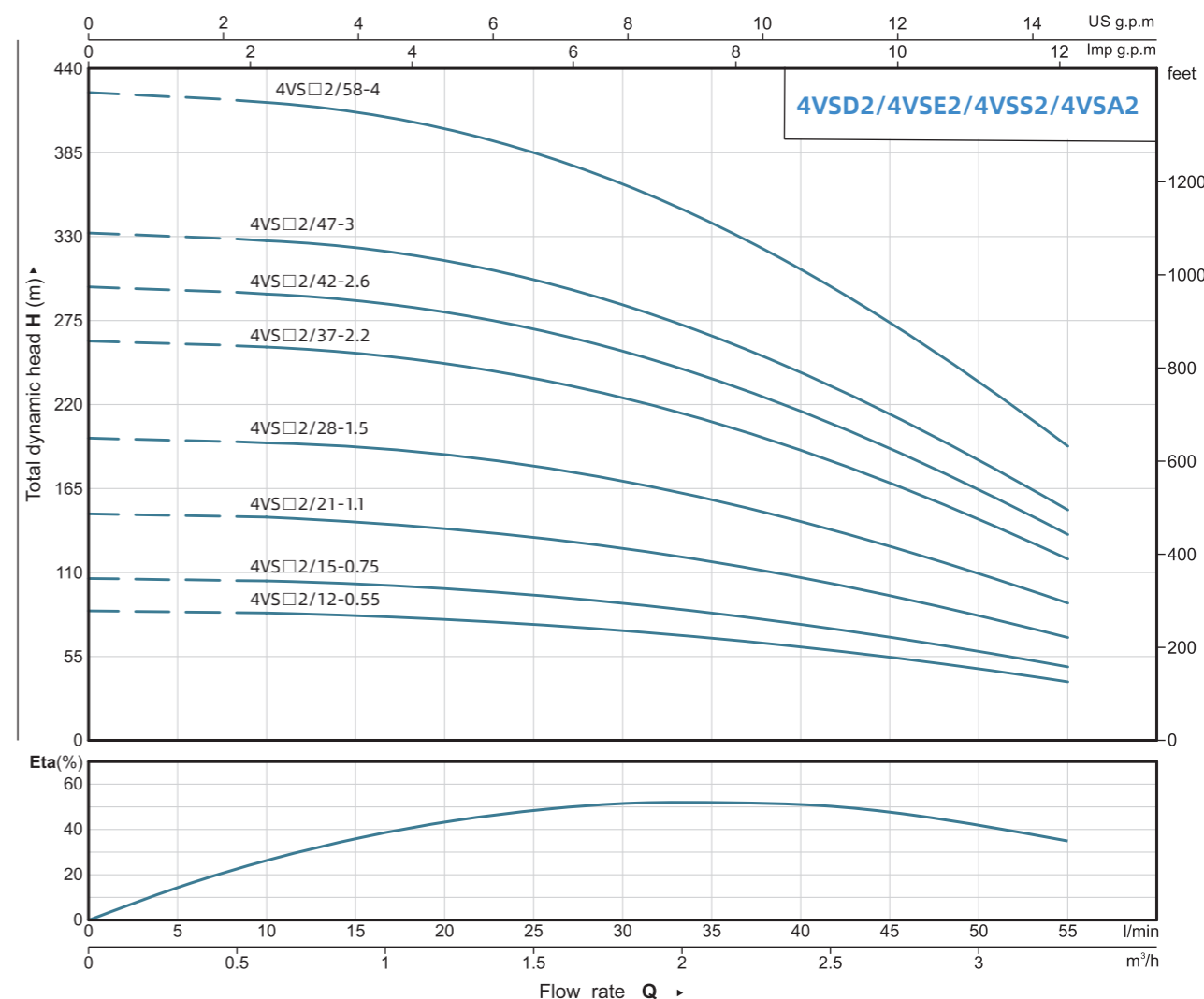
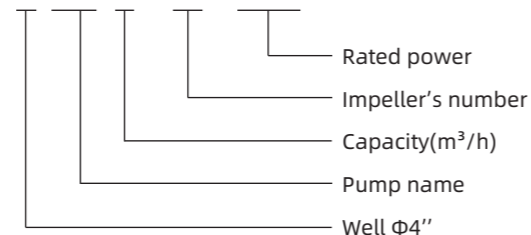
Special mechanical seal
Other voltages or frequency 60Hz



4VSD 4VSE 4VSS 4VSA

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS
Suction lantern	①Cast-Cu ASTM C85500 ②AISI 304 SS
Diffuser	Plastic.PC
Impeller	①Plastic.POM ②Plastic.PPO
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutical use.

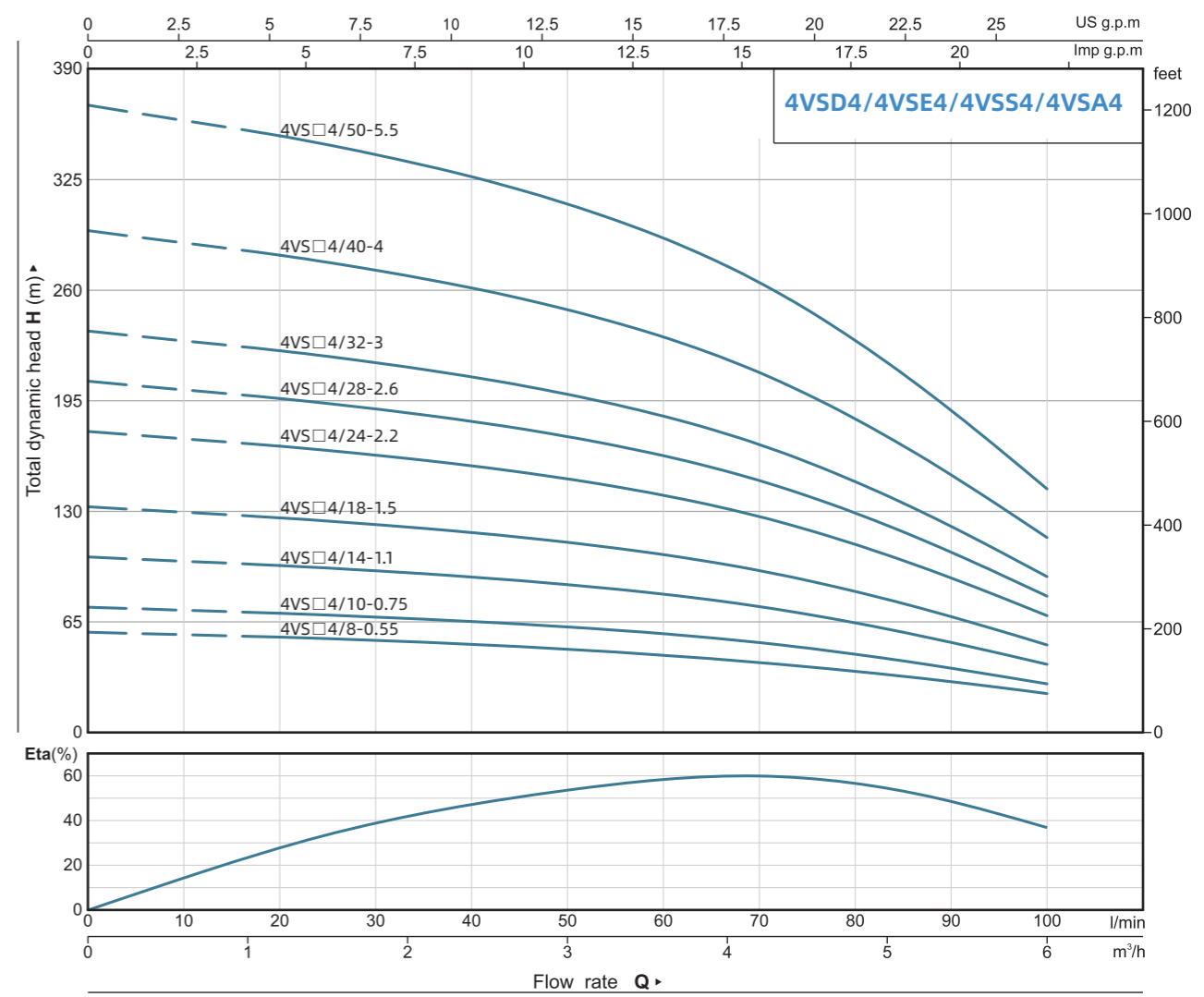
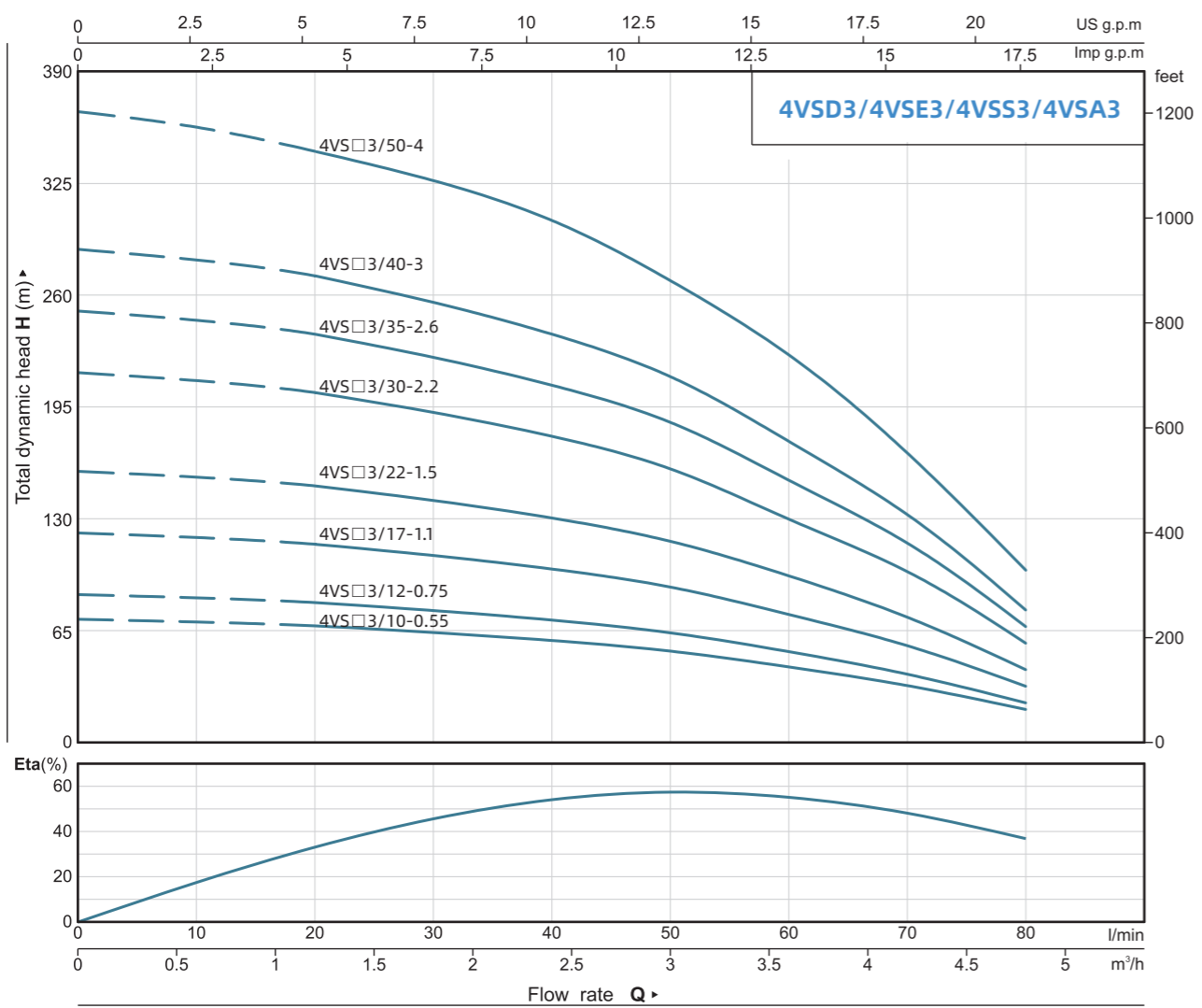
4 VSD 2 / 12 - 0.55



PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY												
	kW	HP	n≈2850 1/min												
3~380 - 415V			Q	H(m)											
			m ³ /h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3
				0	5	10	15	20	25	30	35	40	45	50	55
4VS□2/12-0.55	0.55	0.75		85	84	84	83	80	77	72	68	62	54	47	38
4VS□2/15-0.75	0.75	1		106	105	105	103	100	96	90	85	78	68	59	48
4VS□2/21-1.1	1.1	1.5		149	147	146	145	140	135	126	118	109	95	82	67
4VS□2/28-1.5	1.5	2		198	196	195	193	187	180	168	158	145	127	110	90
4VS□2/37-2.2	2.2	3		262	259	258	255	247	238	222	209	191	168	145	119
4VS□2/42-2.6	2.6	3.5		297	294	293	289	280	270	252	237	217	190	165	135
4VS□2/47-3	3	4		333	329	328	324	314	302	282	265	243	213	184	151
4VS□2/58-4	4	5.5		410	408	404	397	391	379	349	334	307	273	237	200

•4VS□ in the above table can be replaced by any of 4VSD,4VSE,4VSS,4VSA



PERFORMANCE DATA 50Hz

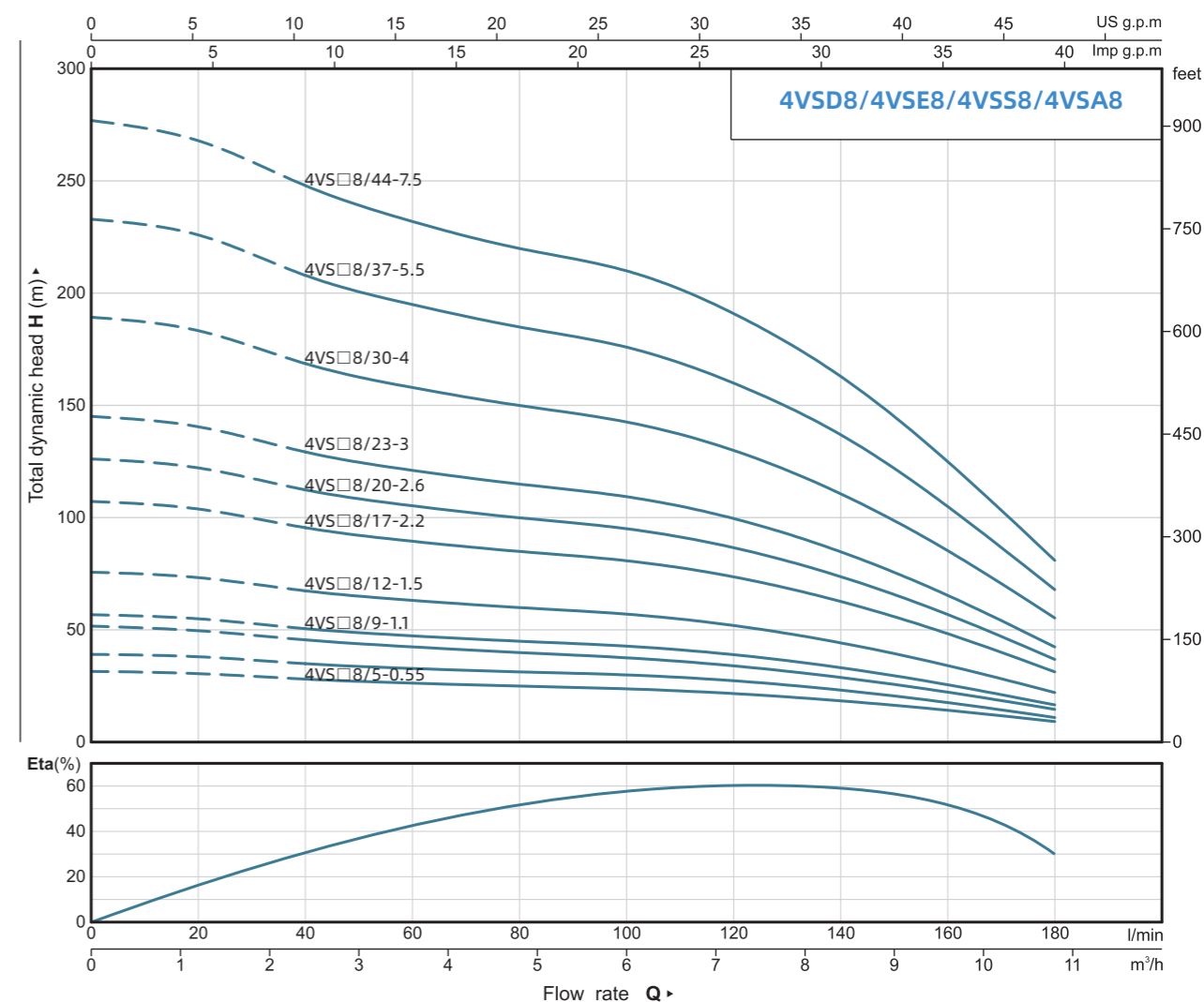
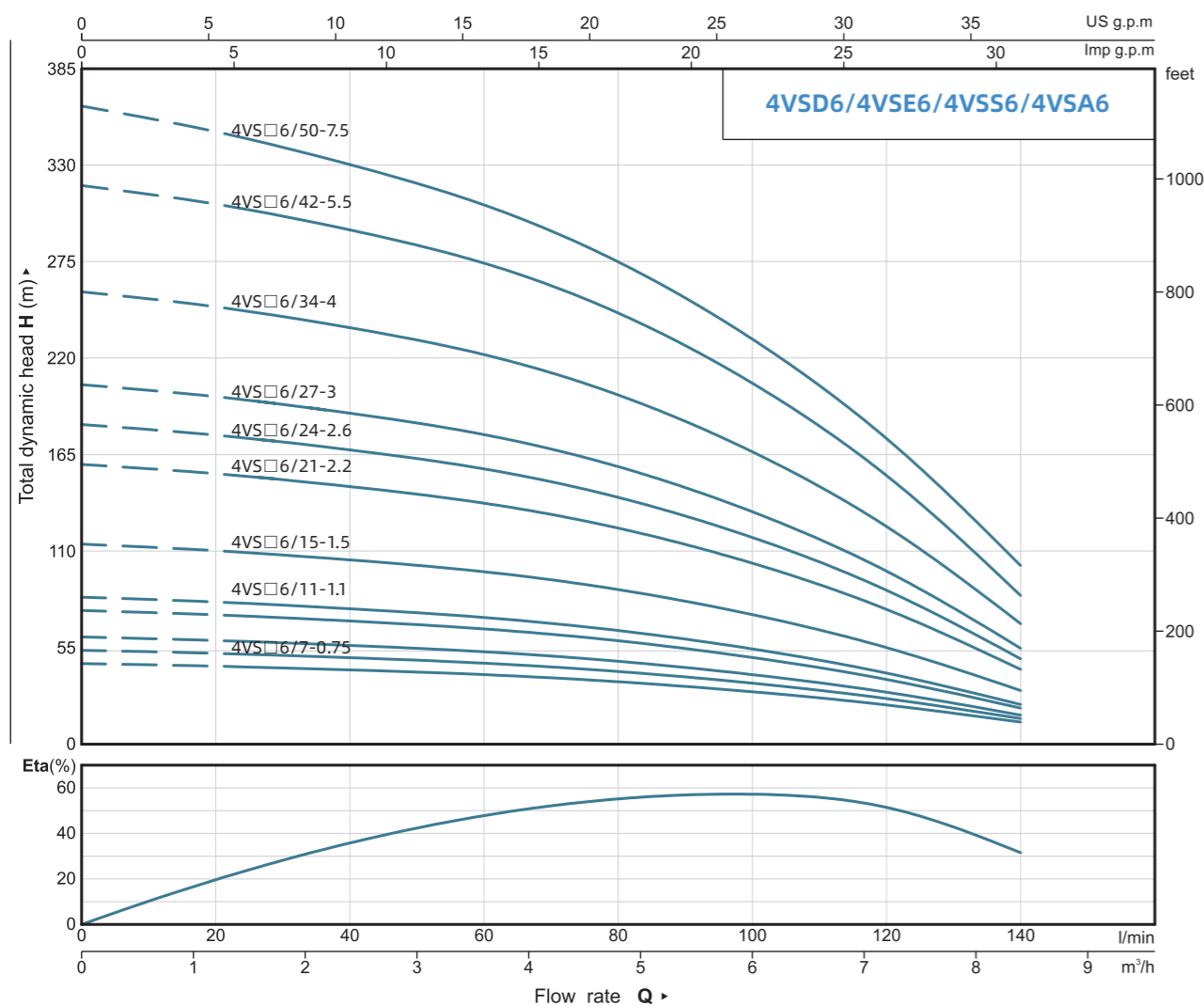
MODEL	P ₂		DELIVERY n≈2850 1/min										
	kW	HP	Q	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	
3~380 - 415V			m³/h l/min	0	10	20	30	40	50	60	70	80	
4VS□3/10-0.55	0.55	0.75	H(m)	72	70	68	64	59	53	43	33	19	
4VS□3/12-0.75	0.75	1		86	84	81	77	71	64	52	40	23	
4VS□3/17-1.1	1.1	1.5		122	119	115	109	101	90	73	56	33	
4VS□3/22-1.5	1.5	2		158	154	149	141	130	117	95	73	42	
4VS□3/30-2.2	2.2	3		215	210	203	192	178	159	129	99	58	
4VS□3/35-2.6	2.6	3.5		251	245	237	224	207	186	151	116	67	
4VS□3/40-3	3	4		287	280	271	255	237	212	172	132	77	
4VS□3/50-4	4	5.5		358	350	338	319	296	265	215	165	96	

•4VS□ in the above table can be replaced by any of 4VSD,4VSE,4VSS,4VSA

PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min												
	kW	HP	Q	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	
3~380 - 415V			m³/h l/min	0	10	20	30	40	50	60	70	80	90	100	
4VS□4/8-0.55	0.55	0.75	H(m)	59	57	55	54	52	49	47	42	37	30	23	
4VS□4/10-0.75	0.75	1		74	71	69	67	65	61	59	53	46	38	29	
4VS□4/14-1.1	1.1	1.5		103	100	96	94	91	86	83	74	65	53	40	
4VS□4/18-1.5	1.5	2		132	129	123	121	117	111	107	95	84	68	51	
4VS□4/24-2.2	2.2	3		177	171	165	161	156	147	142	127	111	91	69	
4VS□4/28-2.6	2.6	3.5		206	200	192	188	182	172	166	148	130	106	80	
4VS□4/32-3	3	4		235	229	219	215	208	197	190	169	149	121	91	
4VS□4/40-4	4	5.5		294	286	274	269	260	246	237	211	186	151	114	
4VS□4/50-5.5	5.5	7.5		368	357	343	336	325	307	296	264	232	189	143	

•4VS□ in the above table can be replaced by any of 4VSD,4VSE,4VSS,4VSA



PERFORMANCE DATA 50Hz

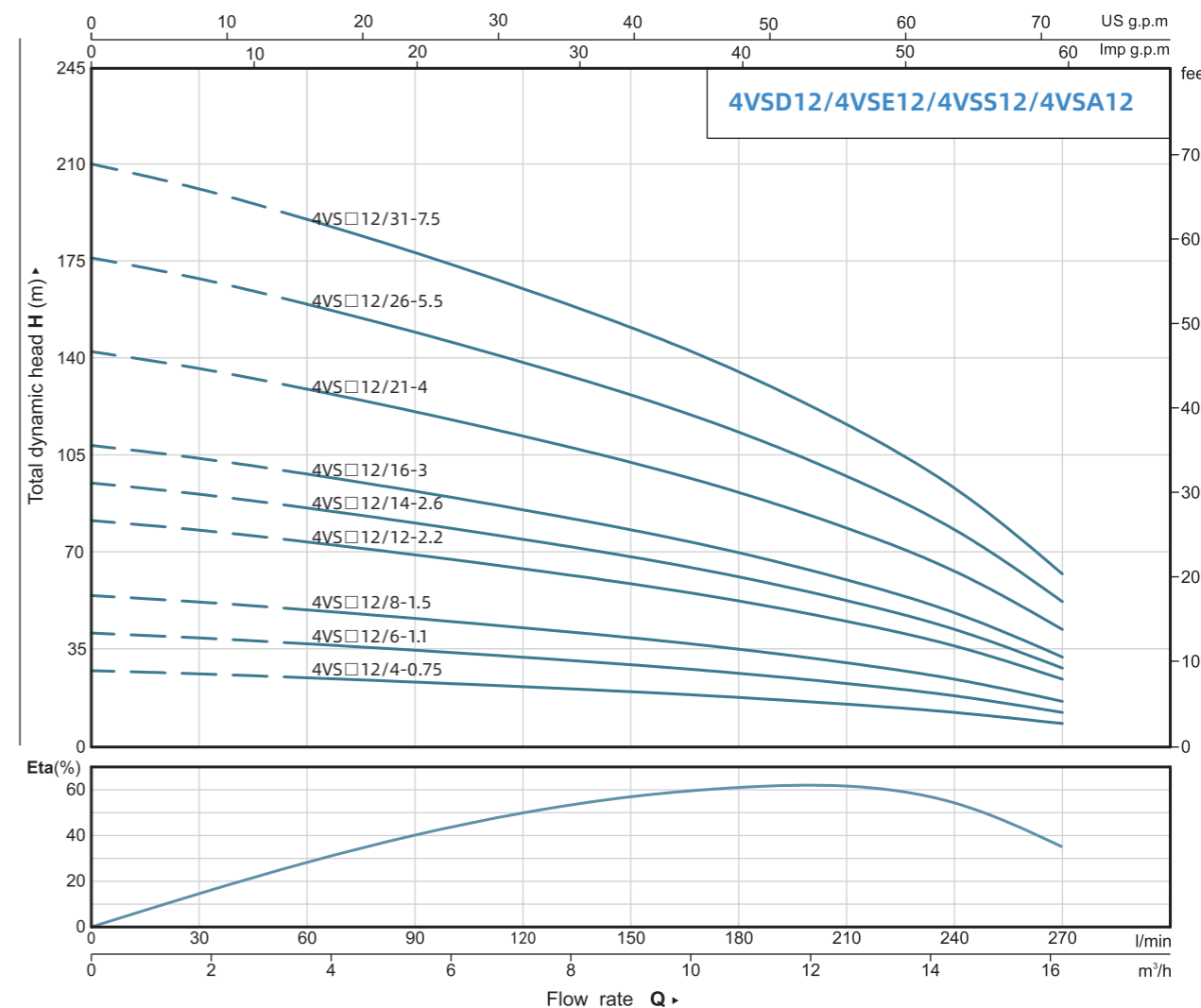
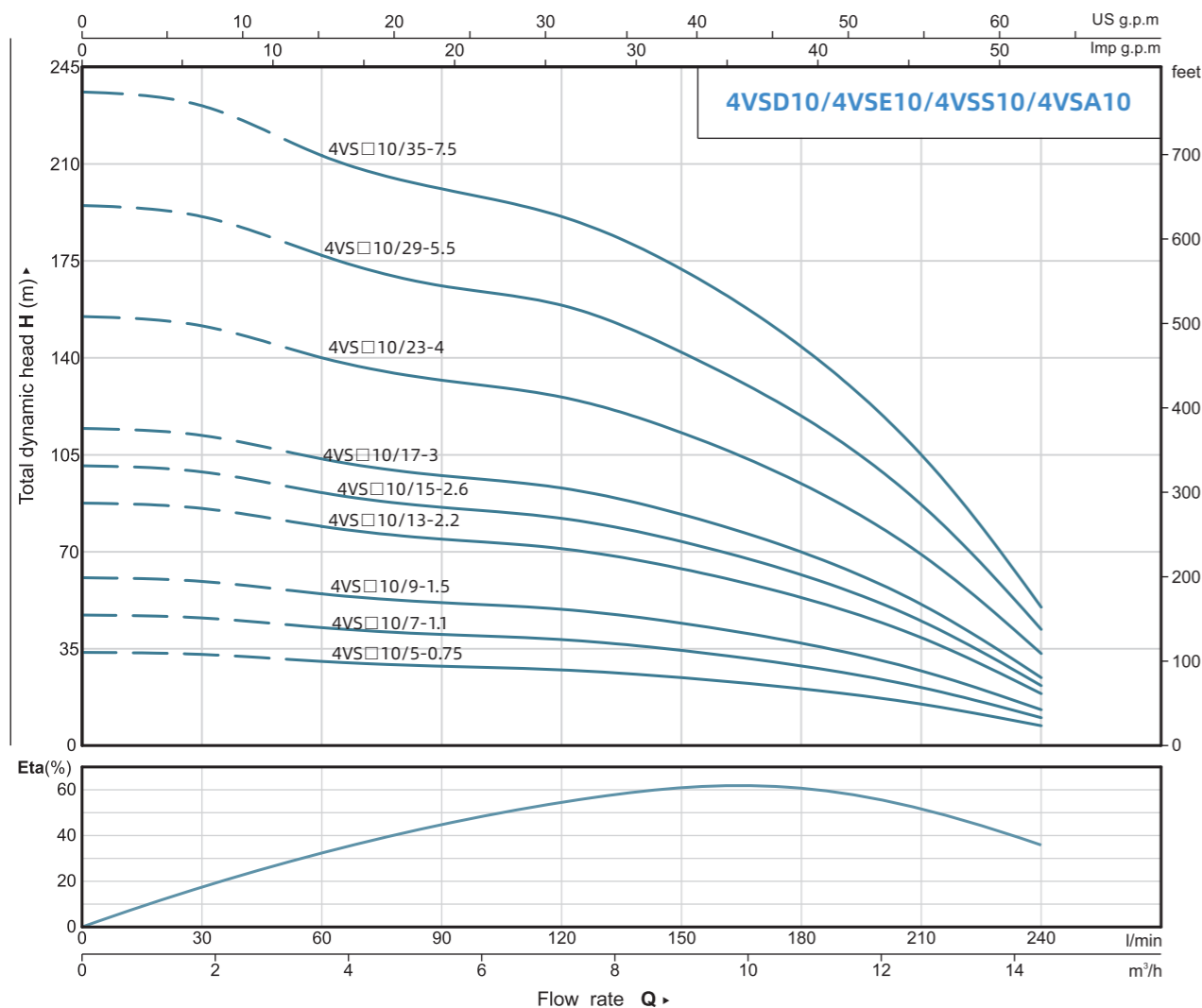
MODEL	P ₂		DELIVERY n≈2850 1/min								
	kW	HP	Q m³/h l/min	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4
3~ 380 - 415V				0	20	40	60	80	100	120	140
4VS□6/6-0.55	0.55	0.75	H(m)	43	41	40	37	33	28	21	11
4VS□6/7-0.75	0.75	1		50	48	46	43	39	32	24	13
4VS□6/8-0.75	0.75	1		57	55	53	49	44	37	28	15
4VS□6/10-1.1	1.1	1.5		72	69	66	62	55	46	35	19
4VS□6/11-1.1	1.1	1.5		79	76	73	68	61	51	38	21
4VS□6/15-1.5	1.5	2		108	104	100	93	83	70	52	29
4VS□6/21-2.2	2.2	3		151	145	139	130	116	97	72	40
4VS□6/24-2.6	2.6	3.5		173	166	159	149	133	111	83	46
4VS□6/27-3	3	4		194	186	179	167	150	125	93	51
4VS□6/34-4	4	5.5		244	235	226	210	189	158	117	65
4VS□6/42-5.5	5.5	7.5		302	290	279	260	233	195	145	80
4VS□6/50-7.5	7.5	10		359	345	332	309	277	232	173	95

•4VS□ in the above table can be replaced by any of 4VSD,4VSE,4VSS,4VSA

PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min										
	kW	HP	Q m³/h l/min	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8
3~ 380 - 415V				0	20	40	60	80	100	120	140	160	180
4VS□8/5-0.55	0.55	0.75	H(m)	32	31	28	26	25	24	22	18	14	9
4VS□8/6-0.75	0.75	1		38	37	34	32	30	29	26	22	17	11
4VS□8/8-1.1	1.1	1.5		50	49	45	42	40	38	35	30	23	15
4VS□8/9-1.1	1.1	1.5		57	55	51	47	45	43	39	33	26	17
4VS□8/12-1.5	1.5	2		76	73	67	63	60	57	52	44	34	22
4VS□8/17-2.2	2.2	3		107	104	96	90	85	81	74	63	48	31
4VS□8/20-2.6	2.6	3.5		126	122	112	105	100	95	87	74	57	37
4VS□8/23-3	3	4		145	141	129	121	115	109	100	85	65	42
4VS□8/30-4	4	5.5		189	183	169	158	150	143	130	111	85	55
4VS□8/37-5.5	5.5	7.5		233	226	208	195	185	176	160	137	105	68
4VS□8/44-7.5	7.5	10		277	268	248	232	220	210	191	163	125	81

•4VS□ in the above table can be replaced by any of 4VSD,4VSE,4VSS,4VSA



PERFORMANCE DATA 50Hz

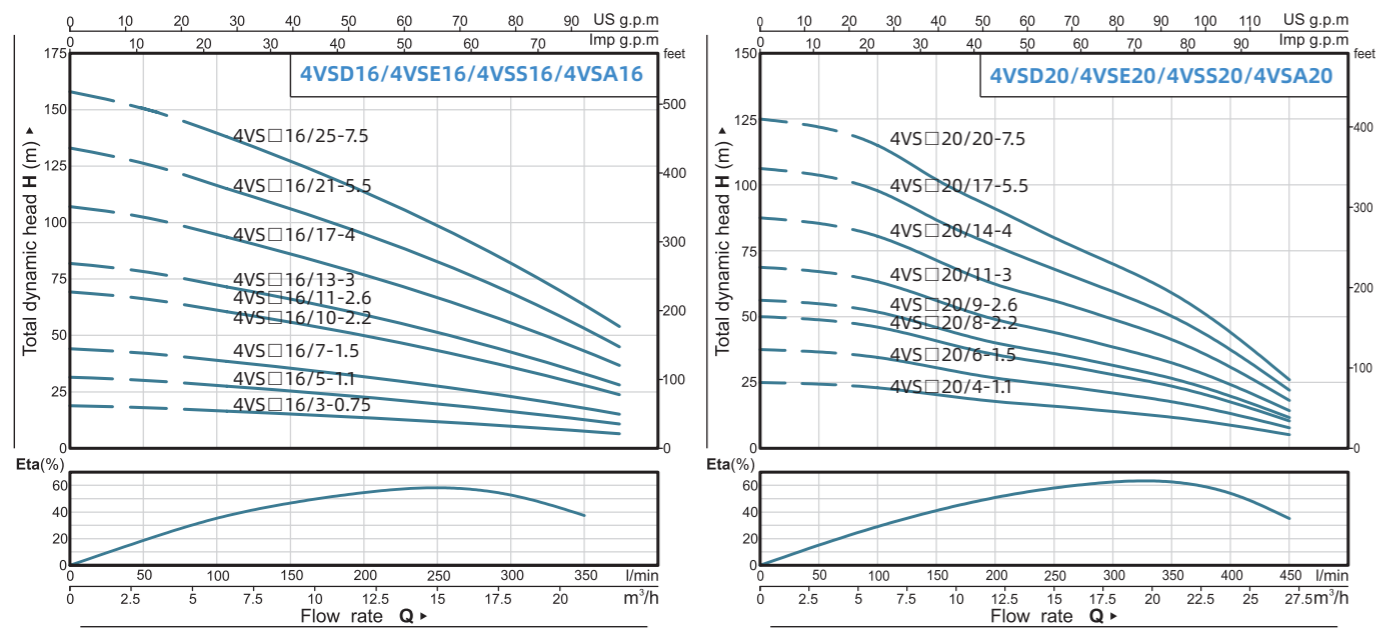
MODEL	P ₂		DELIVERY n≈2850 1/min										
	kW	HP	Q	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	
3~ 380 - 415V			m³/h l/min	0	30	60	90	120	150	180	210	240	
4VS□10/5-0.75	0.75	1	H(m)	34	33	30	29	27	25	21	15	7	
4VS□10/7-1.1	1.1	1.5		47	46	43	40	38	34	29	21	10	
4VS□10/9-1.5	1.5	2		61	59	55	52	49	44	37	27	13	
4VS□10/13-2.2	2.2	3		88	86	79	75	71	64	53	39	19	
4VS□10/15-2.6	2.6	3.5		101	99	91	86	82	74	62	45	22	
4VS□10/17-3	3	4		115	112	104	98	93	84	70	51	25	
4VS□10/23-4	4	5.5		155	152	140	132	126	113	95	69	33	
4VS□10/29-5.5	5.5	7.5		195	191	177	166	159	142	119	87	42	
4VS□10/35-7.5	7.5	10		236	231	213	201	191	172	144	105	50	

•4VS□ in the above table can be replaced by any of 4VSD,4VSE,4VSS,4VSA

PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min													
	kW	HP	Q	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2			
3~ 380 - 415V			m³/h l/min	0	30	60	90	120	150	180	210	240	270			
4VS□12/4-0.75	0.75	1	H(m)	27	26	25	23	21	19	17	15	12	7			
4VS□12/6-1.1	1.1	1.5		41	39	37	34	32	29	26	23	18	11			
4VS□12/8-1.5	1.5	2		54	52	49	45	43	39	35	30	24	14			
4VS□12/12-2.2	2.2	3		81	78	74	68	64	58	52	45	36	21			
4VS□12/14-2.6	2.6	3.5		95	91	86	79	75	68	61	53	42	25			
4VS□12/16-3	3	4		108	104	98	90	85	78	70	60	48	28			
4VS□12/21-4	4	5.5		142	137	129	118	112	102	92	79	63	37			
4VS□12/26-5.5	5.5	7.5		176	169	159	146	139	127	114	98	78	46			
4VS□12/31-7.5	7.5	10		210	202	190	175	165	151	135	117	93	55			

•4VS□ in the above table can be replaced by any of 4VSD,4VSE,4VSS,4VSA



PERFORMANCE DATA 50Hz

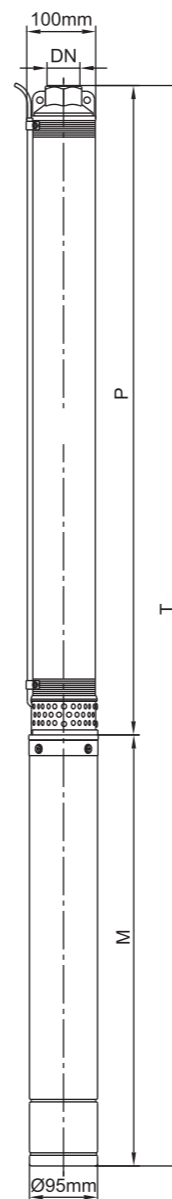
MODEL 3~ 380 - 415V	P ₂		DELIVERY n≈2850 1/min										
	kW	HP	Q	0	3	6	9	12	15	18	21	24	27
			m³/h l/min	0	50	100	150	200	250	300	350	400	450
4VS□16/3-0.75	0.75	1	H(m)	19	18	17	15	13	11	9	6		
4VS□16/5-1.1	1.1	1.5		32	30	28	25	22	19	15	11		
4VS□16/7-1.5	1.5	2		44	42	39	35	31	26	21	15		
4VS□16/10-2.2	2.2	3		63	60	55	50	44	37	30	22		
4VS□16/11-2.6	2.6	3.5		70	66	61	55	48	41	33	24		
4VS□16/13-3	3	4		82	78	72	65	57	48	39	28		
4VS□16/17-4	4	5.5		107	102	94	85	75	63	51	37		
4VS□16/21-5.5	5.5	7.5		133	126	116	105	93	78	63	46		
4VS□16/25-7.5	7.5	10		158	150	138	125	110	93	75	54		

PERFORMANCE DATA 50Hz

MODEL 3~ 380 - 415V	P ₂		DELIVERY n≈2850 1/min											
	kW	HP	Q	0	3	6	9	12	15	18	21	24	27	
			m³/h l/min	0	50	100	150	200	250	300	350	400	450	
4VS□20/4-1.1	1.1	1.5	H(m)	25	24	23	20	18	16	14	12	9	5	
4VS□20/6-1.5	1.5	2		38	37	35	31	27	24	21	18	13	8	
4VS□20/8-2.2	2.2	3		50	49	46	41	35	32	28	23	17	10	
4VS□20/9-2.6	2.6	3.5		56	55	52	46	40	36	31	26	20	12	
4VS□20/11-3	3	4		69	67	63	56	49	44	38	32	24	14	
4VS□20/14-4	4	5.5		88	85	81	71	62	56	49	41	31	18	
4VS□20/17-5.5	5.5	7.5		106	104	98	87	76	68	60	50	37	22	
4VS□20/20-7.5	7.5	10		125	122	115	102	89	80	70	59	44	26	

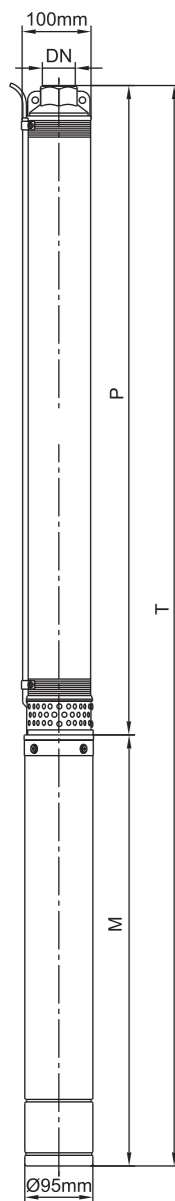
•4VS□ in the above table can be replaced by any of 4VSD,4VSE,4VSS,4VSA

DIMENSION AND WEIGHT



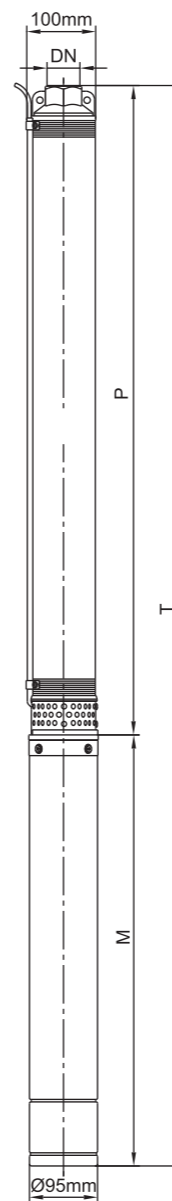
MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
4VS□2/12-0.55	1"1/4"/1 1/2"	518	344	862	4.1	7.3	11.4
4VS□2/15-0.75	1"1/4"/1 1/2"	591	369	960	4.7	8.5	13.2
4VS□2/21-1.1	1"1/4"/1 1/2"	768	399	1167	6.0	9.8	15.8
4VS□2/28-1.5	1"1/4"/1 1/2"	938	434	1372	7.4	11.5	18.9
4VS□2/37-2.2	1"1/4"/1 1/2"	1188	534	1722	9.3	16.1	25.4
4VS□2/42-2.6	1"1/4"/1 1/2"	1310	584	1894	10.2	18.4	28.6
4VS□2/47-3	1"1/4"/1 1/2"	1430	591	2022	11.2	19.8	31.0
4VS□2/58-4	1"1/4"/1 1/2"	1730	695	2425	11.8	23.0	34.8
4VS□3/10-0.55	1 1/4"/1 1/2"	482	344	826	3.8	7.3	11.1
4VS□3/12-0.75	1 1/4"/1 1/2"	533	369	902	4.1	8.5	12.6
4VS□3/17-1.1	1 1/4"/1 1/2"	661	399	1060	4.8	9.8	14.6
4VS□3/22-1.5	1 1/4"/1 1/2"	821	434	1255	6.4	11.5	17.9
4VS□3/30-2.2	1 1/4"/1 1/2"	1080	534	1614	8.4	16.1	24.5
4VS□3/35-2.6	1 1/4"/1 1/2"	1248	584	1832	9.6	18.4	28.0
4VS□3/40-3	1 1/4"/1 1/2"	1385	591	1976	10.6	19.8	30.4
4VS□3/50-4	1 1/4"/1 1/2"	1691	695	2386	13.0	23.0	36.0
4VS□4/8-0.55	1 1/4"/1 1/2"	450	344	794	3.5	7.3	10.8
4VS□4/10-0.75	1 1/4"/1 1/2"	507	369	876	3.9	8.5	12.4
4VS□4/14-1.1	1 1/4"/1 1/2"	619	399	1018	4.8	9.8	14.6
4VS□4/18-1.5	1 1/4"/1 1/2"	763	434	1197	5.9	11.5	17.4
4VS□4/24-2.2	1 1/4"/1 1/2"	932	534	1466	7.1	16.1	23.2
4VS□4/28-2.6	1 1/4"/1 1/2"	1044	584	1628	7.9	18.4	26.3
4VS□4/32-3	1 1/4"/1 1/2"	1246	591	1837	9.4	19.8	29.2
4VS□4/40-4	1 1/4"/1 1/2"	1485	695	2180	11.3	23.0	34.3
4VS□4/50-5.5	1 1/4"/1 1/2"	1816	785	2601	13.6	28.2	41.8

DIMENSION AND WEIGHT



MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
4VS□6/6-0.55	1¼"/1½"/2"	432	344	776	3.4	7.3	10.7
4VS□6/7-0.75	1¼"/1½"/2"	466	369	835	3.6	8.5	12.1
4VS□6/8-0.75	1¼"/1½"/2"	501	369	870	3.8	8.5	12.3
4VS□6/10-1.1	1¼"/1½"/2"	570	399	969	4.4	9.8	14.2
4VS□6/11-1.1	1¼"/1½"/2"	604	399	1003	4.6	9.8	14.4
4VS□6/15-1.5	1¼"/1½"/2"	774	434	1208	5.9	11.5	17.4
4VS□6/21-2.2	1¼"/1½"/2"	980	534	1514	7.4	16.1	23.5
4VS□6/24-2.6	1¼"/1½"/2"	1083	584	1667	8.2	18.4	26.6
4VS□6/27-3	1¼"/1½"/2"	1218	591	1809	9.1	19.8	28.9
4VS□6/34-4	1¼"/1½"/2"	1459	695	2154	10.8	23.0	33.8
4VS□6/42-5.5	1¼"/1½"/2"	1765	785	2550	13.1	28.2	41.3
4VS□6/50-7.5	1¼"/1½"/2"	2073	875	2948	14.8	34.6	49.4
4VS□8/5-0.55	1¼"/1½"/2"	409	344	753	3.2	7.3	10.5
4VS□8/6-0.75	1¼"/1½"/2"	445	369	814	3.5	8.5	12.0
4VS□8/8-1.1	1¼"/1½"/2"	517	399	916	4.0	9.8	13.8
4VS□8/9-1.1	1¼"/1½"/2"	553	399	952	4.3	9.8	14.1
4VS□8/12-1.5	1¼"/1½"/2"	662	434	1096	5.1	11.5	16.6
4VS□8/17-2.2	1¼"/1½"/2"	876	534	1410	6.6	16.1	22.7
4VS□8/20-2.6	1¼"/1½"/2"	985	584	1569	7.4	18.4	25.8
4VS□8/23-3	1¼"/1½"/2"	1093	591	1684	8.2	19.8	28.0
4VS□8/30-4	1¼"/1½"/2"	1380	695	2075	10.2	23.0	33.2
4VS□8/37-5.5	1¼"/1½"/2"	1666	785	2451	12.4	28.2	40.6
4VS□8/44-7.5	1¼"/1½"/2"	1919	875	2794	14.3	34.6	48.9
4VS□10/5-0.75	1½"/2"	439	369	808	3.9	8.5	12.4
4VS□10/7-1.1	1½"/2"	523	399	922	4.4	9.8	14.2
4VS□10/9-1.5	1½"/2"	607	434	1041	5.0	11.5	16.5
4VS□10/13-2.2	1½"/2"	810	534	1344	6.4	16.1	22.5
4VS□10/15-2.6	1½"/2"	894	584	1478	7.0	18.4	25.4
4VS□10/17-3	1½"/2"	978	591	1569	7.7	19.8	27.5
4VS□10/23-4	1½"/2"	1265	695	1960	9.6	23.0	32.6
4VS□10/29-5.5	1½"/2"	1517	785	2302	11.5	28.2	39.7
4VS□10/35-7.5	1½"/2"	1804	875	2679	13.6	34.6	48.2

DIMENSION AND WEIGHT



3~ 380 - 415V	DN						
		P	M(T)	T(T)	P	M(T)	T(T)
4VS□12/4-0.75	2"	428	369	797	3.2	8.5	11.7
4VS□12/6-0.75	2"	520	399	919	3.8	9.8	13.6
4VS□12/8-1.1	2"	613	434	1047	4.5	11.5	16.0
4VS□12/12-1.1	2"	837	534	1371	6.1	16.1	22.2
4VS□12/14-1.5	2"	930	584	1514	6.7	18.4	25.1
4VS□12/16-2.2	2"	1023	591	1664	7.3	19.8	27.1
4VS□12/21-2.6	2"	1293	695	1988	9.2	23.0	32.2
4VS□12/26-3	2"	1525	785	2310	10.8	28.2	39.0
4VS□12/31-4	2"	1795	875	2670	12.7	34.6	47.3
4VS□16/3-0.75	2"/2½"	459	369	828	3.6	8.5	12.1
4VS□16/5-1.1	2"/2½"	596	399	995	4.6	9.8	14.4
4VS□16/7-1.5	2"/2½"	764	434	1198	5.9	11.5	17.4
4VS□16/10-2.2	2"/2½"	970	534	1504	7.5	16.1	23.6
4VS□16/11-2.6	2"/2½"	1038	584	1622	8.1	18.4	26.5
4VS□16/13-3	2"/2½"	1206	591	1797	9.4	19.8	29.2
4VS□16/17-4	2"/2½"	1480	695	2175	11.5	23.0	34.5
4VS□16/21-5.5	2"/2½"	1785	785	2570	13.9	28.2	42.1
4VS□16/25-7.5	2"/2½"	2091	875	2966	16.4	34.6	51.0
4VS□20/4-0.75	2"/2½"	551	399	950	4.2	9.8	14.0
4VS□20/6-1.1	2"/2½"	732	434	1166	5.4	11.5	16.9
4VS□20/8-1.5	2"/2½"	881	534	1415	6.6	16.1	22.7
4VS□20/9-2.2	2"/2½"	955	584	1539	7.3	18.4	25.7
4VS□20/11-2.6	2"/2½"	1104	591	1695	8.3	19.8	28.1
4VS□20/14-3	2"/2½"	1359	695	2054	9.9	23.0	32.9
4VS□20/17-4	2"/2½"	1614	785	2399	12.5	28.2	40.7
4VS□20/20-5.5	2"/2½"	1837	875	2712	14.3	34.6	48.9

4VSP

Applications

For water supply from wells or reservoirs
 For domestic use, for civil and industrial applications
 For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +50°C
 Maximum sand content: 0.25%
 Minimum well diameter: 4"

Motor and Pump

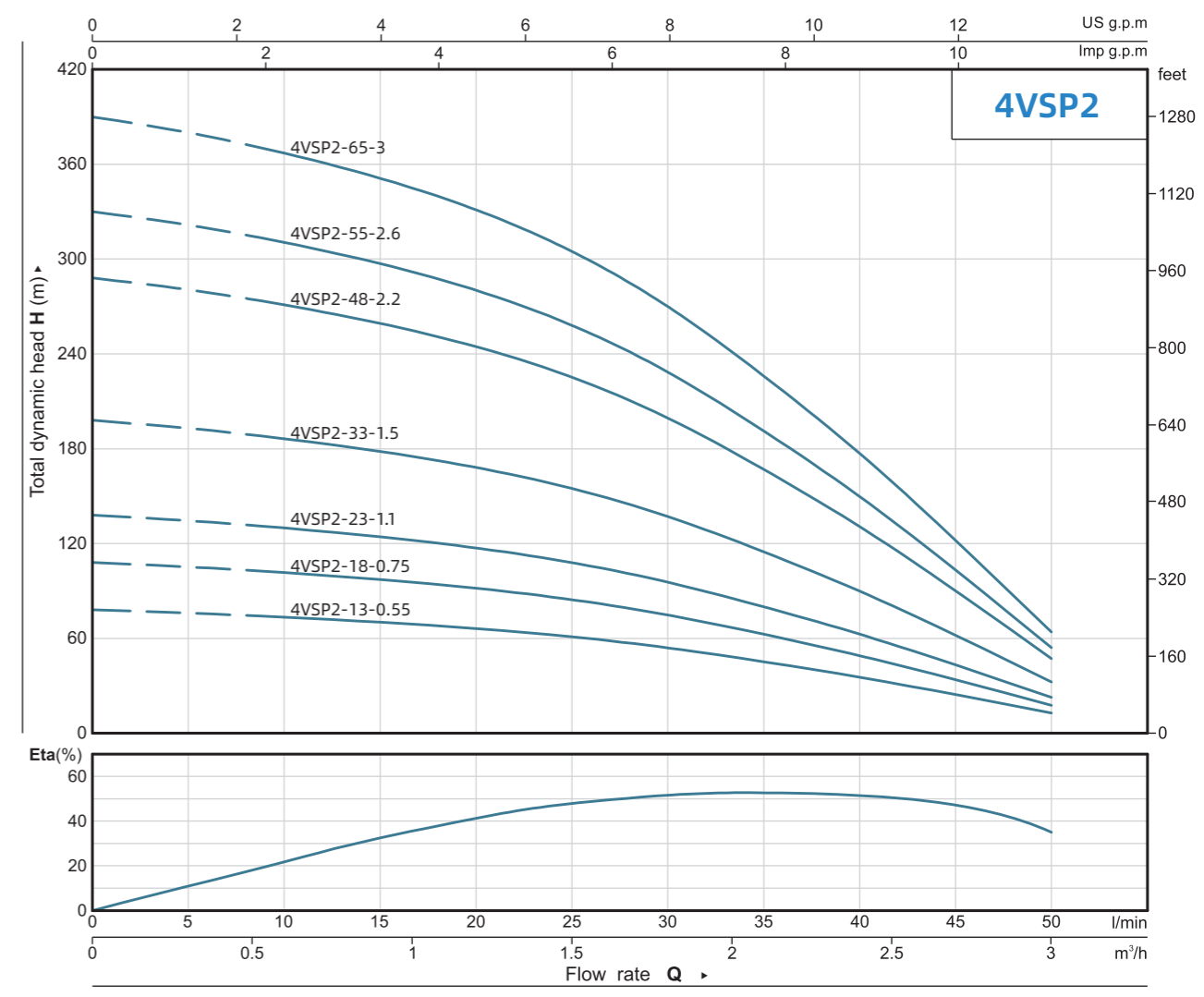
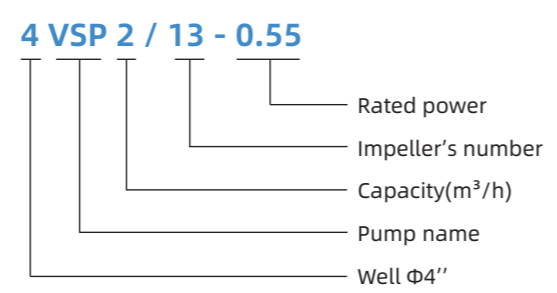
Rewindable motor
Three-phase: 380 - 415V/50Hz
 Equip with start control box or digital auto-control box
NEMA dimension standards
 Curve tolerance according to ISO 9906

Options on request

Special mechanical seal
 Other voltages or frequency 60Hz

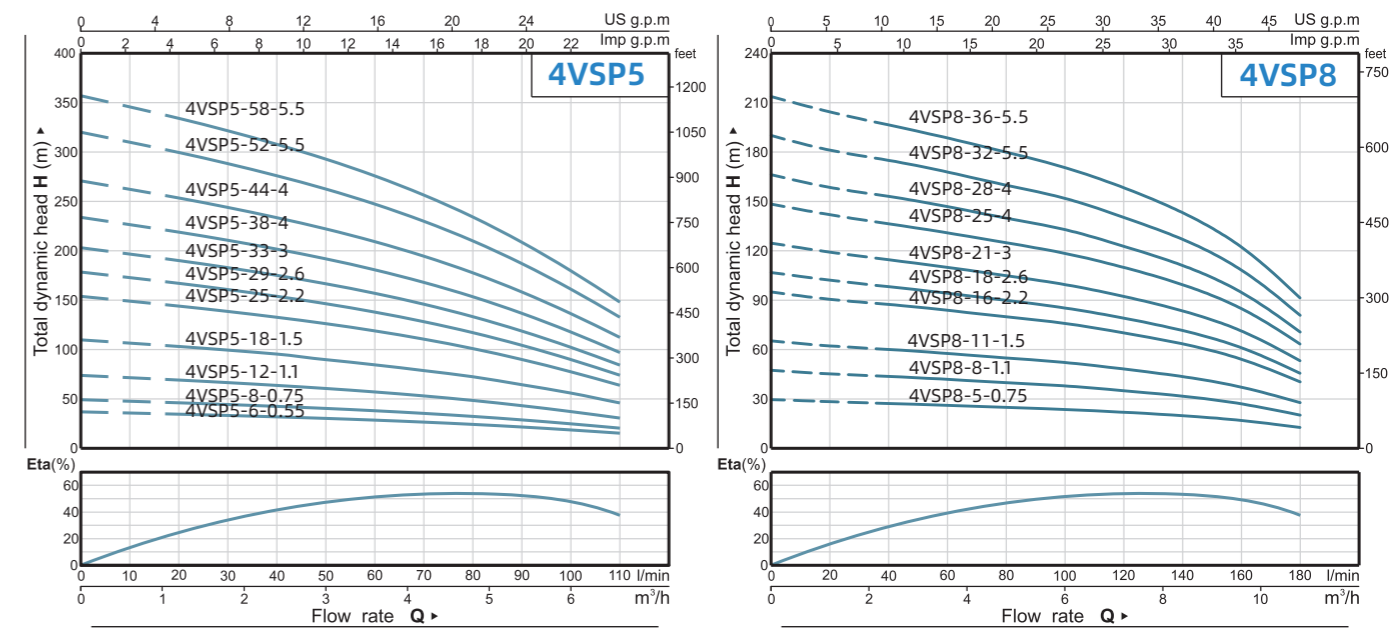
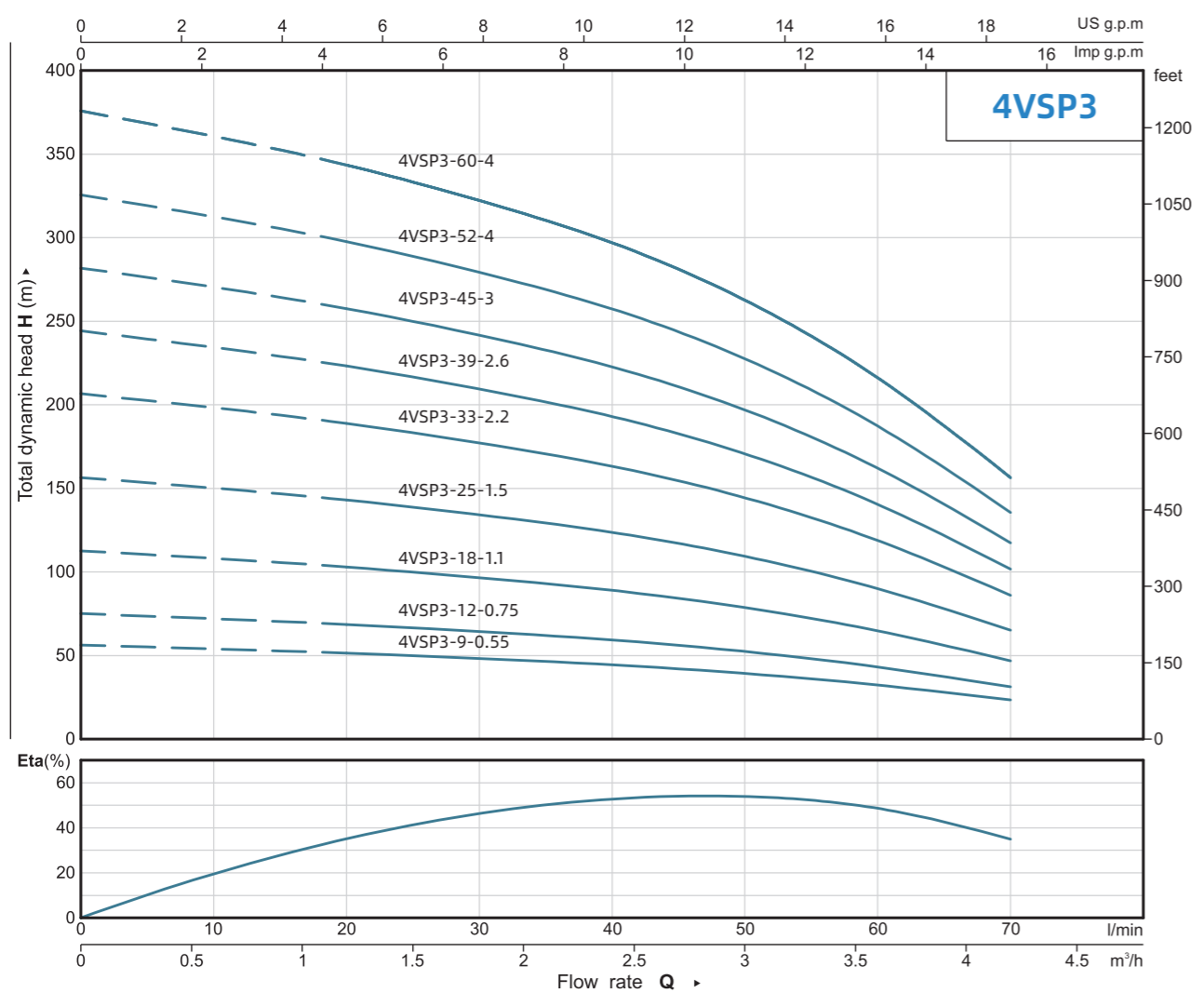


Components	Material
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	AISI 304 SS
Impeller	AISI 304 SS
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min												
	kW	HP	Q	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	
3~380-415V			m ³ /h l/min	0	5	10	15	20	25	30	35	40	45	50	
4VSP□2/13-0.55	0.55	0.75	H(m)	78	76	73	70	66	61	54	45	35	24	13	
4VSP□2/18-0.75	0.75	1		108	105	102	97	92	85	75	63	49	34	18	
4VSP□2/23-1.1	1.1	1.5		138	134	130	124	117	108	96	80	63	43	23	
4VSP□2/33-1.5	1.5	2		198	193	186	178	168	155	137	115	90	62	32	
4VSP□2/48-2.2	2.2	3		288	281	271	258	244	226	199	167	131	90	47	
4VSP□2/55-2.6	2.6	3.5		330	322	311	296	280	259	228	191	150	103	54	
4VSP□2/65-3	3	4		390	380	367	350	331	306	270	226	177	122	64	



PERFORMANCE DATA 50Hz

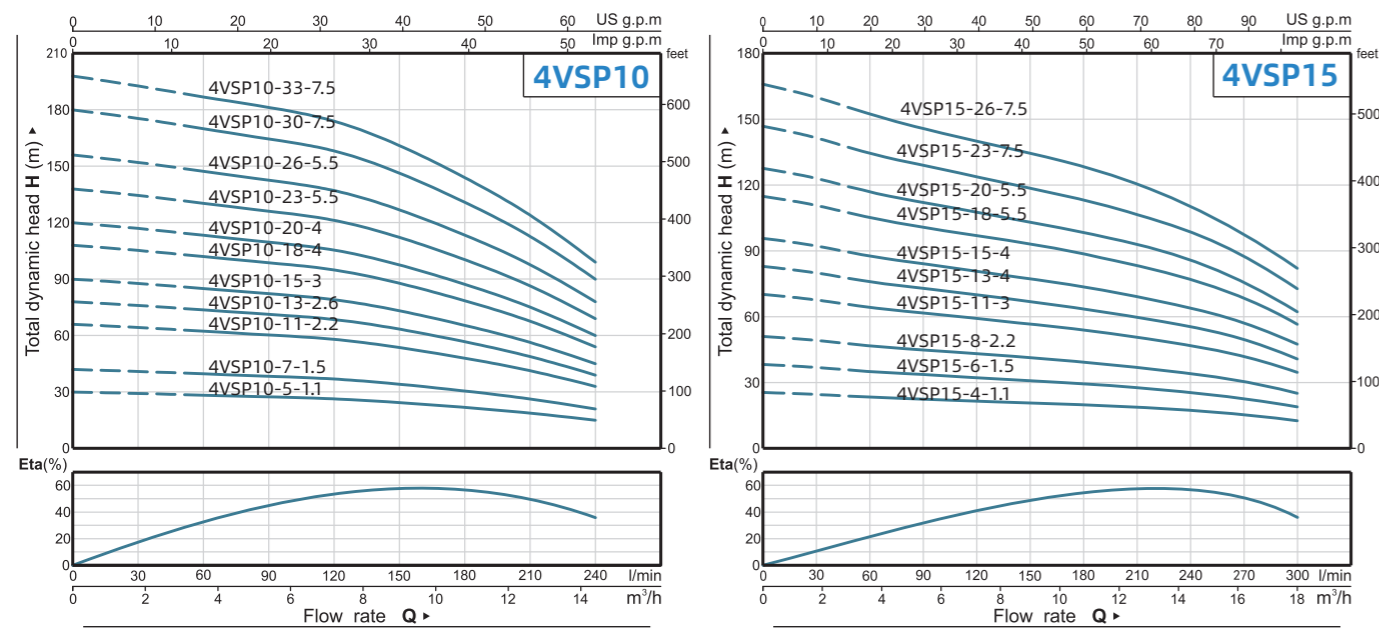
MODEL	P ₂		DELIVERY n≈2850 1/min									
	3~380-415V	kW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2
4VSP3/9-0.55	0.55	0.75		56	54	51	48	44	39	32	23	
4VSP3/12-0.75	0.75	1		74	71	68	64	59	52	43	31	
4VSP3/18-1.1	1.1	1.5		112	107	102	96	88	78	64	46	
4VSP3/25-1.5	1.5	2		155	149	142	133	122	108	89	65	
4VSP3/33-2.2	2.2	3		205	196	187	175	162	143	118	85	
4VSP3/39-2.6	2.6	3.5		242	232	221	207	191	169	139	101	
4VSP3/45-3	3	4		279	268	255	239	220	195	160	116	
4VSP3/52-4	4	5.5		322	309	295	276	255	225	185	134	
4VSP3/60-4	4	5.5		372	357	340	319	294	260	214	155	

PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min													
	3~380-415V	kW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6
4VSP5/6-0.55	0.55	0.75		37	36	35	33	32	30	28	26	24	22	19	15	
4VSP5/8-0.75	0.75	1		49	48	46	44	42	40	38	35	32	29	25	20	
4VSP5/12-1.1	1.1	1.5		74	72	69	66	63	60	57	53	48	44	37	31	
4VSP5/18-1.5	1.5	2		111	107	104	99	95	90	85	79	73	65	57	46	
4VSP5/25-2.2	2.2	3		154	149	144	138	132	125	118	110	101	91	78	64	
4VSP5/29-2.6	2.6	3.5		179	173	167	160	153	145	137	128	117	106	90	74	
4VSP5/33-3	3	4		203	197	190	182	174	165	156	145	133	120	103	84	
4VSP5/38-4	4	5.5		234	226	219	210	201	190	179	167	154	138	119	97	
4VSP5/44-4	4	5.5		271	262	253	243	232	220	208	194	178	160	137	112	
4VSP5/52-5.5	5.5	7.5		320	310	300	287	275	260	245	229	210	189	162	133	
4VSP5/58-5.5	5.5	7.5		357	346	334	320	306	290	274	255	234	211	181	148	

PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min											
	3~380-415V	kW	HP	Q m³/h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8
4VSP8/5-0.75	0.75	1		30	28	27	26	25	24	22	20	17	13	
4VSP8/8-1.1	1.1	1.5		48	45	44	42	40	38	35	32	27	20	
4VSP8/11-1.5	1.5	2		66	62	61	58	55	52	48	44	37	28	
4VSP8/16-2.2	2.2	3		96	90	88	84	80	76	70	64	54	40	
4VSP8/18-2.6	2.6	3.5		107	102	98	94	90	85	79	72	61	46	
4VSP8/21-3	3	4		125	119	115	110	105	100	92	84	71	53	
4VSP8/25-4	4	5.5		149	142	137	131	125	118	110	99	85	63	
4VSP8/28-4	4	5.5		168	158	154	147	140	133	123	112	95	70	
4VSP8/32-5.5	5.5	7.5		192	180	176	168	160	152	140	128	108	80	
4VSP8/36-5.5	5.5	7.5		214	204	197	189	180	171	158	143	122	91	

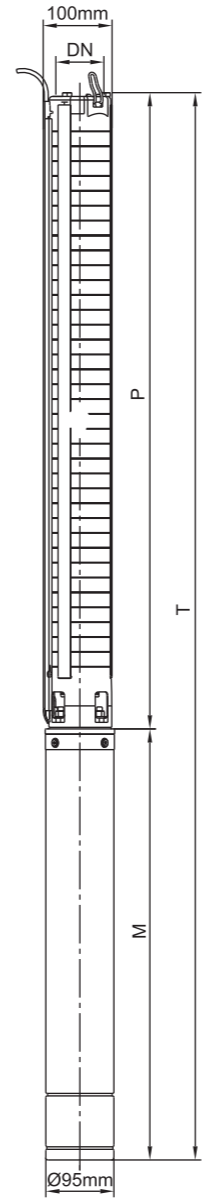


PERFORMANCE DATA 50Hz

MODEL 3~ 380 - 415V	P ₂		Q	DELIVERY n≈2850 1/min										
	kW	HP		m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	
4VSP10/5-1.1	1.1	1.5	H(m)	30	29	28	27	26	24	22	19	15		
4VSP10/7-1.5	1.5	2		42	41	39	38	37	34	30	26	21		
4VSP10/11-2.2	2.2	3		66	64	62	60	58	54	47	41	33		
4VSP10/13-2.6	2.6	3.5		78	76	73	71	69	63	56	49	39		
4VSP10/15-3	3	4		90	87	85	82	79	73	65	56	45		
4VSP10/18-4	4	5.5		108	105	101	98	95	88	77	68	54		
4VSP10/20-4	4	5.5		120	116	113	109	105	98	86	75	60		
4VSP10/23-5.5	5.5	7.5		138	134	130	125	121	112	99	86	69		
4VSP10/26-5.5	5.5	7.5		156	151	147	142	137	127	112	98	78		
4VSP10/30-7.5	7.5	10		180	175	169	164	158	146	129	113	90		
4VSP10/33-7.5	7.5	10	198	192	186	180	174	161	142	124	99			

PERFORMANCE DATA 50Hz

MODEL 3~ 380 - 415V	P ₂		Q	DELIVERY n≈2850 1/min													
	kW	HP		m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	18.0		
4VSP15/4-1.1	1.1	1.5	H(m)	26	25	23	22	22	21	20	18	17	15	12			
4VSP15/6-1.5	1.5	2		38	37	35	34	32	31	30	28	26	23	18			
4VSP15/8-2.2	2.2	3		51	49	47	45	43	41	39	37	34	31	25			
4VSP15/11-3	3	4		70	68	64	62	59	57	54	51	47	42	34			
4VSP15/13-4	4	5.5		83	80	76	73	70	67	64	60	55	50	40			
4VSP15/15-4	4	5.5		96	92	88	84	81	77	74	69	64	58	46			
4VSP15/18-5.5	5.5	7.5		115	111	105	101	97	93	89	83	77	69	55			
4VSP15/20-5.5	5.5	7.5		128	123	117	112	108	103	98	92	85	77	62			
4VSP15/23-7.5	7.5	10		147	142	134	129	124	119	113	106	98	88	71			
4VSP15/26-7.5	7.5	10		166	160	152	146	140	134	128	120	111	100	80			

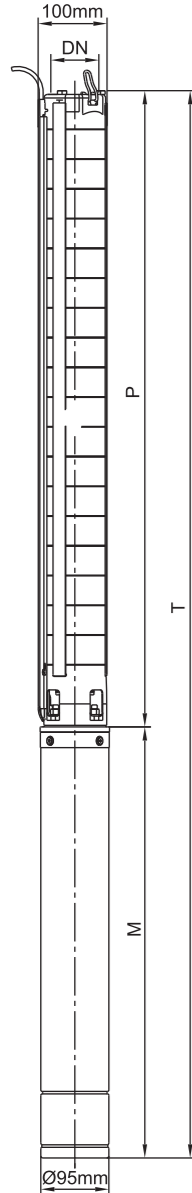


DIMENSION AND WEIGHT

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
4VSP2/13-0.55	1¼"/1½"	428	344	772	4.0	7.3	11.3
4VSP2/18-0.75	1¼"/1½"	533	369	902	5.1	8.5	13.6
4VSP2/23-1.1	1¼"/1½"	628	399	1027	6.1	9.8	15.9
4VSP2/33-1.5	1¼"/1½"	848	434	1282	8.1	11.5	19.6
4VSP2/48-2.2	1¼"/1½"	1163	534	1697	11.5	16.1	27.6
4VSP2/55-2.6	1¼"/1½"	1310	584	1894	13.0	18.4	31.4
4VSP2/65-3	1¼"/1½"	1520	591	2111	15.2	19.8	35.0

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
4VSP3/9-0.55	1¼"/1½"	344	344	688	3.2	7.3	10.5
4VSP3/12-0.75	1¼"/1½"	407	369	776	3.8	8.5	12.3
4VSP3/18-1.1	1¼"/1½"	533	399	932	5.1	9.8	14.9
4VSP3/25-1.5	1¼"/1½"	680	434	1114	6.6	11.5	18.1
4VSP3/33-2.2	1¼"/1½"	848	534	1382	8.4	16.1	24.5
4VSP3/39-2.6	1¼"/1½"	974	584	1558	9.7	18.4	28.1
4VSP3/45-3	1¼"/1½"	1100	591	1691	11.0	19.8	30.8
4VSP3/52-4	1¼"/1½"	1247	695	1942	12.5	23.0	35.5
4VSP3/60-4	1¼"/1½"	1415	695	2110	14.3	23.0	37.3

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
4VSP5/6-0.55	1¼"/1½"	299	344	643	2.6	7.3	9.9
4VSP5/8-0.75	1¼"/1½"	347	369	716	3.1	8.5	11.6
4VSP5/12-1.1	1¼"/1½"	443	399	842	4.0	9.8	13.8
4VSP5/18-1.5	1¼"/1½"	587	434	1021	5.3	11.5	16.8
4VSP5/25-2.2	1¼"/1½"	755	534	1289	7.0	16.1	23.1
4VSP5/29-2.6	1¼"/1½"	851	584	1435	7.9	18.4	26.3
4VSP5/33-3	1¼"/1½"	947	591	1538	8.8	19.8	28.6
4VSP5/38-4	1¼"/1½"	1067	695	1762	10.0	23.0	33.0
4VSP5/44-4	1¼"/1½"	1208	695	1903	11.3	23.0	34.3
4VSP5/52-5.5	1¼"/1½"	1397	785	2182	13.2	28.2	41.4
4VSP5/58-5.5	1¼"/1½"	1538	785	2323	14.5	28.2	42.7



DIMENSION AND WEIGHT

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
4VSP8/5-0.75	1½"/2"	415	369	784	4.4	8.5	12.9
4VSP8/8-1.1	1½"/2"	541	399	940	5.4	9.8	15.2
4VSP8/11-1.5	1½"/2"	667	434	1101	6.4	11.5	17.9
4VSP8/16-2.2	1½"/2"	877	534	1411	8.1	16.1	24.2
4VSP8/18-2.6	1½"/2"	961	584	1545	8.7	18.4	27.1
4VSP8/21-3	1½"/2"	1087	591	1678	9.7	19.8	29.5
4VSP8/25-4	1½"/2"	1213	695	1908	10.7	23.0	33.7
4VSP8/28-4	1½"/2"	1339	695	2034	11.8	23.0	34.8
4VSP8/32-5.5	1½"/2"	1549	785	2334	13.4	28.2	41.6
4VSP8/36-5.5	1½"/2"	1717	785	2502	14.7	28.2	42.9

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
4VSP10/5-1.1	1½"/2"	455	399	854	4.6	9.8	14.4
4VSP10/7-1.5	1½"/2"	555	434	989	5.4	11.5	16.9
4VSP10/11-2.2	1½"/2"	755	534	1289	6.7	16.1	22.8
4VSP10/13-2.6	1½"/2"	855	584	1439	7.5	18.4	25.9
4VSP10/15-3	1½"/2"	955	591	1546	8.1	19.8	27.9
4VSP10/18-4	1½"/2"	1105	695	1800	9.1	23.0	32.1
4VSP10/20-4	1½"/2"	1205	695	1900	9.9	23.0	32.9
4VSP10/23-5.5	1½"/2"	1355	785	2140	10.9	28.2	39.1
4VSP10/26-5.5	1½"/2"	1505	785	2290	12.0	28.2	40.2
4VSP10/30-7.5	1½"/2"	1705	875	2580	13.3	34.6	47.9
4VSP10/33-7.5	1½"/2"	1855	875	2730	14.4	34.6	49.0

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
4VSP15/4-1.1	1½"/2"	497	399	896	4.9	9.8	14.7
4VSP15/6-1.5	1½"/2"	647	434	1081	5.6	11.5	17.1
4VSP15/8-2.2	1½"/2"	797	534	1331	6.4	16.1	22.5
4VSP15/11-3	1½"/2"	1022	591	1613	7.4	19.8	27.2
4VSP15/13-4	1½"/2"	1172	695	1867	8.4	23.0	31.4
4VSP15/15-4	1½"/2"	1322	695	2017	9.1	23.0	32.1
4VSP15/18-5.5	1½"/2"	1547	785	2332	10.2	28.2	38.4
4VSP15/20-5.5	1½"/2"	1697	785	2482	10.9	28.2	39.1
4VSP15/23-7.5	1½"/2"	1922	875	2797	12.0	34.6	46.6
4VSP15/26-7.5	1½"/2"	2147	875	3022	13.1	34.6	47.7

5VSD/5VSS

Applications

For water supply from wells or reservoirs
 For domestic use, for civil and industrial applications
 For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +35°C
 Maximum sand content: 0.25%
 Minimum well diameter: 5"

Motor and Pump

Rewindable motor

Three-phase: 380 - 415V/50Hz

Curve tolerance according to ISO 9906

Options on request

Special mechanical seal

Other voltages or frequency 60Hz

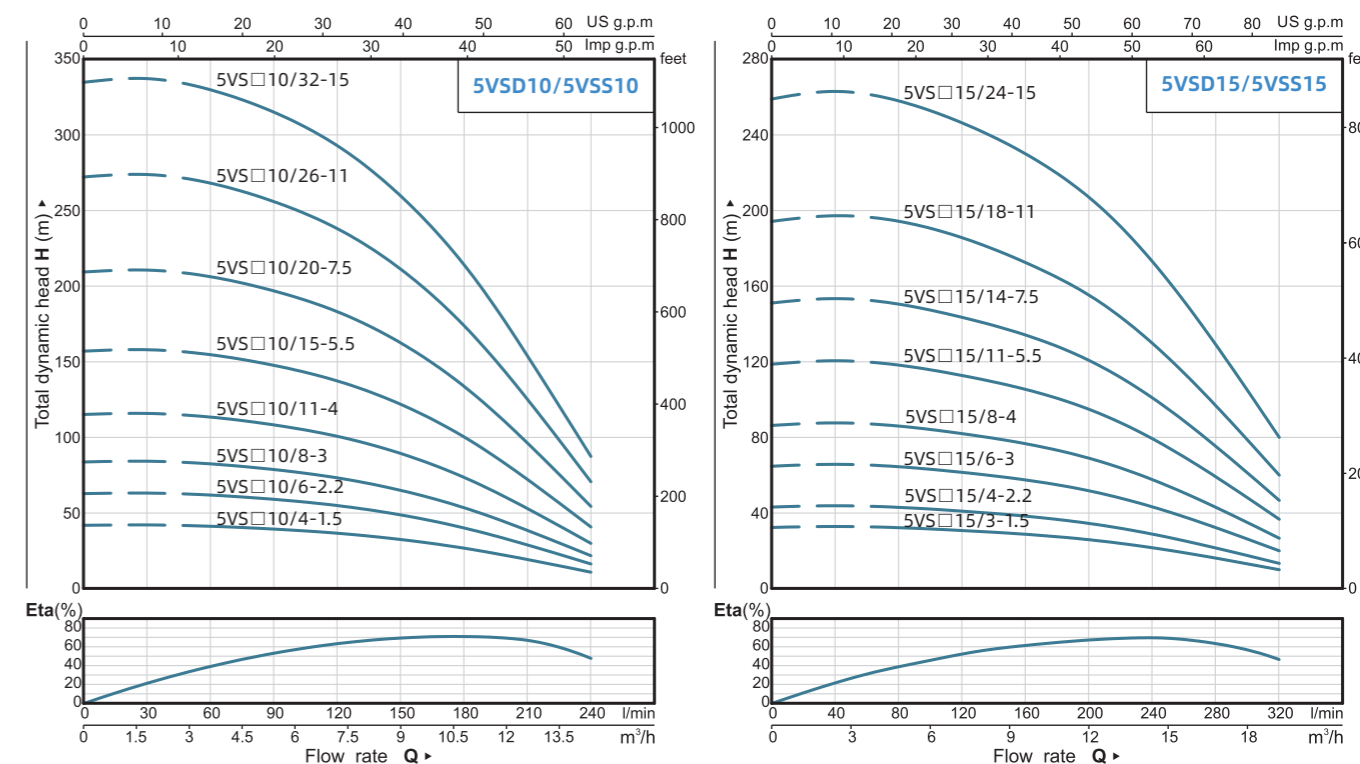
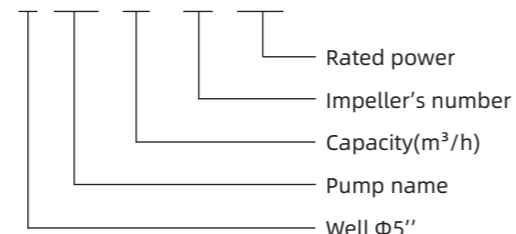


5VSD

5VSS

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS
Suction lantern	①Cast-Cu ASTM C85500 ②AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	Cast-Cu ASTM C85500
	Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

5 VSD 10 / 4 - 1.5



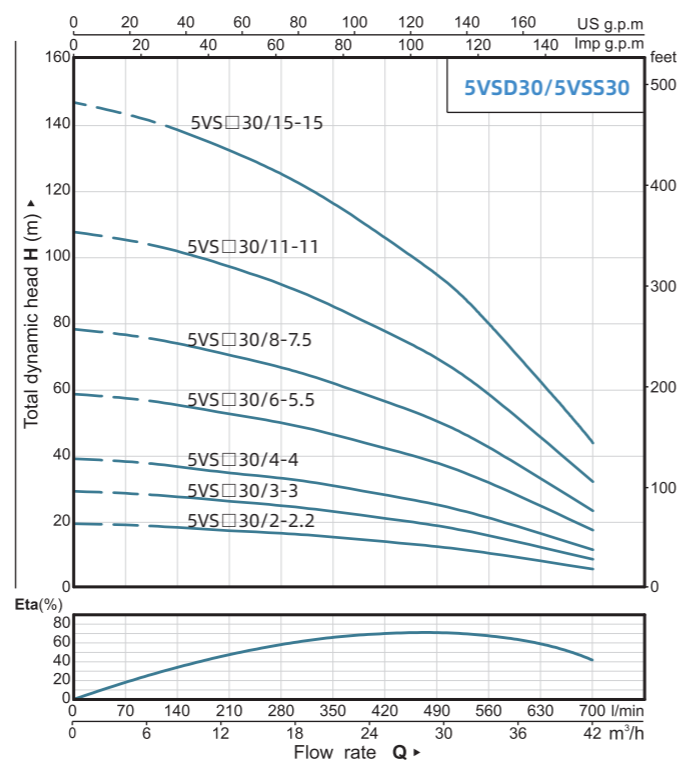
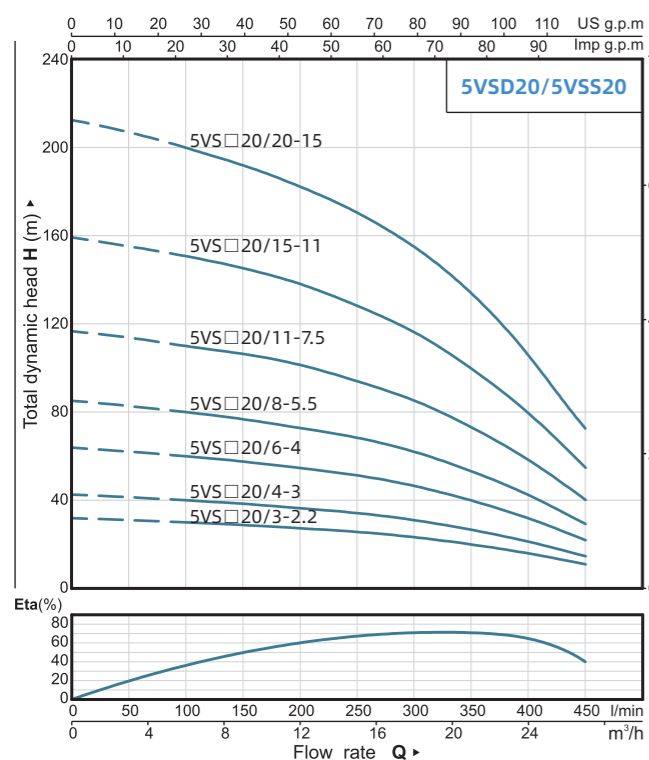
PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY										
	3~ 380 - 415V	kW	HP	Q	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4
				m ³ /h l/min	0	30	60	90	120	150	180	210	240
5VS□10/4-1.5	1.5	2	H(m)	42	42	41	39	37	33	27	19	11	
5VS□10/6-2.2	2.2	3		63	63	62	59	55	49	40	29	16	
5VS□10/8-3	3	4		84	84	83	79	73	65	54	39	22	
5VS□10/11-4	4	5.5		115	116	113	108	101	89	74	53	30	
5VS□10/15-5.5	5.5	7.5		157	158	155	148	137	122	100	72	41	
5VS□10/20-7.5	7.5	10		209	211	206	197	183	163	134	96	54	
5VS□10/26-11	11	15		272	274	268	256	238	211	174	125	71	
5VS□10/32-15	15	20		335	337	330	315	293	260	214	154	87	

PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY										
	3~ 380 - 415V	kW	HP	Q	0	2.4	4.8	7.2	9.6	12.0	14.4	16.8	19.2
				m ³ /h l/min	0	40	80	120	160	200	240	280	320
5VS□15/3-1.5	1.5	2	H(m)	32	33	32	31	29	26	22	16	10	
5VS□15/4-2.2	2.2	3		43	44	43	41	38	34	29	21	13	
5VS□15/6-3	3	4		65	66	64	61	57	52	43	32	20	
5VS□15/8-4	4	5.5		86	88	86	82	77	69	58	43	27	
5VS□15/11-5.5	5.5	7.5		119	121	118	113	105	95	79	59	37	
5VS□15/14-7.5	7.5	10		151	153	151	144	134	121	101	75	47	
5VS□15/18-11	11	15		194	197	194	185	173	155	130	97	60	
5VS□15/24-15	15	20		259	263	258	246	230	207	173	129	80	

•5VS□ in the above table can be replaced by any of 5VSD,5VSS



PERFORMANCE DATA 50Hz

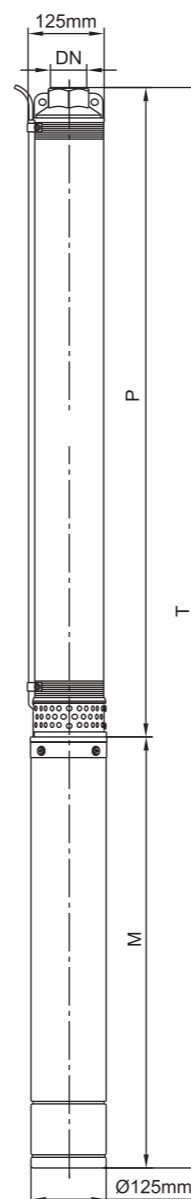
MODEL	P ₂		DELIVERY n≈2850 1/min												
	kW	HP	Q	0	3	6	9	12	15	18	21	24	27		
3~ 380 - 415V			m³/h l/min	0	50	100	150	200	250	300	350	400	450		
5VS□20/3-2.2	2.2	3	H(m)	32	31	30	29	27	26	23	20	16	11		
5VS□20/4-3	3	4		43	42	40	38	36	34	31	26	21	14		
5VS□20/6-4	4	5.5		64	62	60	57	54	51	46	39	31	21		
5VS□20/8-5.5	5.5	7.5		85	83	80	76	72	68	62	52	42	28		
5VS□20/11-7.5	7.5	10		117	114	110	105	100	94	85	72	57	39		
5VS□20/15-11	11	15		160	156	150	143	136	128	116	98	78	53		
5VS□20/20-15	15	20		213	208	200	191	181	170	154	131	104	71		

PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min										
	kW	HP	Q	0	6	12	18	24	30	36	42		
3~ 380 - 415V			m³/h l/min	0	100	200	300	400	500	600	700		
5VS□30/2-2.2	2.2	3	H(m)	20	19	18	16	15	12	9	6		
5VS□30/3-3	3	4		29	28	26	25	22	19	14	9		
5VS□30/4-4	4	5.5		39	39	35	33	29	25	19	12		
5VS□30/6-5.5	5.5	7.5		59	57	53	49	44	37	28	18		
5VS□30/8-7.5	7.5	10		78	76	70	66	58	50	37	23		
5VS□30/11-11	11	15		108	104	97	90	80	68	51	32		
5VS□30/15-15	15	20		147	142	132	123	109	93	70	44		

• 5VS□ in the above table can be replaced by any of 5VSD,5VSS

DIMENSION AND WEIGHT



MODEL	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
3~ 380 - 415V							
5VS□10/4-1.5	2"	461	406	867	4.8	16.5	21.3
5VS□10/6-2.2	2"	499	441	940	5.7	19.4	25.1
5VS□10/8-3	2"	567	481	1048	6.6	22.6	29.2
5VS□10/11-4	2"	669	531	1200	8.0	26.7	34.7
5VS□10/15-5.5	2"	805	606	1411	9.8	33.4	43.2
5VS□10/20-7.5	2"	975	706	1681	12.0	41.5	53.5
5VS□10/26-11	2"	1179	856	2035	14.7	54.1	68.8
5VS□10/32-15	2"	1383	1006	2389	17.4	66.2	83.6

MODEL	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
3~ 380 - 415V							
5VS□15/3-1.5	2 1/2"	416	406	822	4.3	16.5	20.8
5VS□15/4-2.2	2 1/2"	455	441	896	4.8	19.4	24.2
5VS□15/6-3	2 1/2"	532	481	1013	5.8	22.6	28.4
5VS□15/8-4	2 1/2"	609	531	1140	6.8	26.7	33.5
5VS□15/11-5.5	2 1/2"	724	606	1330	8.3	33.4	41.7
5VS□15/14-7.5	2 1/2"	840	706	1546	9.8	41.5	51.3
5VS□15/18-11	2 1/2"	994	856	1850	11.8	54.1	65.9
5VS□15/24-15	2 1/2"	1225	1006	2231	14.8	66.2	81.0

MODEL	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
3~ 380 - 415V							
5VS□20/3-2.2	2 1/2" 1/3"	439	441	880	5.2	19.4	24.6
5VS□20/4-3	2 1/2" 1/3"	486	481	967	5.7	22.6	28.3
5VS□20/6-4	2 1/2" 1/3"	578	531	1109	6.7	26.7	33.4
5VS□20/8-5.5	2 1/2" 1/3"	671	606	1277	7.7	33.4	41.1
5VS□20/11-7.5	2 1/2" 1/3"	811	706	1517	9.2	41.5	50.7
5VS□20/15-11	2 1/2" 1/3"	997	856	1853	11.2	54.1	65.3
5VS□20/20-15	2 1/2" 1/3"	1229	1006	2235	13.7	66.2	79.9

MODEL	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
3~ 380 - 415V							
5VS□30/2-2.2	2 1/2" 1/3"	476	441	917	8.8	19.4	28.2
5VS□30/3-3	2 1/2" 1/3"	564	481	1045	9.4	22.6	32.0
5VS□30/4-4	2 1/2" 1/3"	652	531	1183	10.0	26.7	36.7
5VS□30/6-5.5	2 1/2" 1/3"	828	606	1434	11.2	33.4	44.6
5VS□30/8-7.5	2 1/2" 1/3"	1058	706	1764	12.4	41.5	53.9
5VS□30/11-11	2 1/2" 1/3"	1322	856	2178	14.5	54.1	68.6
5VS□30/15-15	2 1/2" 1/3"	1674	1006	2680	15.1	66.2	81.3

5VSP

Applications

For water supply from wells or reservoirs
For domestic use, for civil and industrial applications
For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +50°C
Maximum sand content: 0.25%
Minimum well diameter: 5"

Motor and Pump

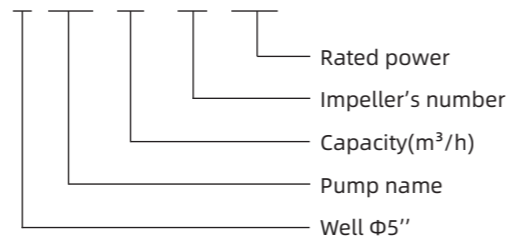
Rewindable motor
Three-phase: 380 - 415V/50Hz
Curve tolerance according to ISO 9906

Options on request

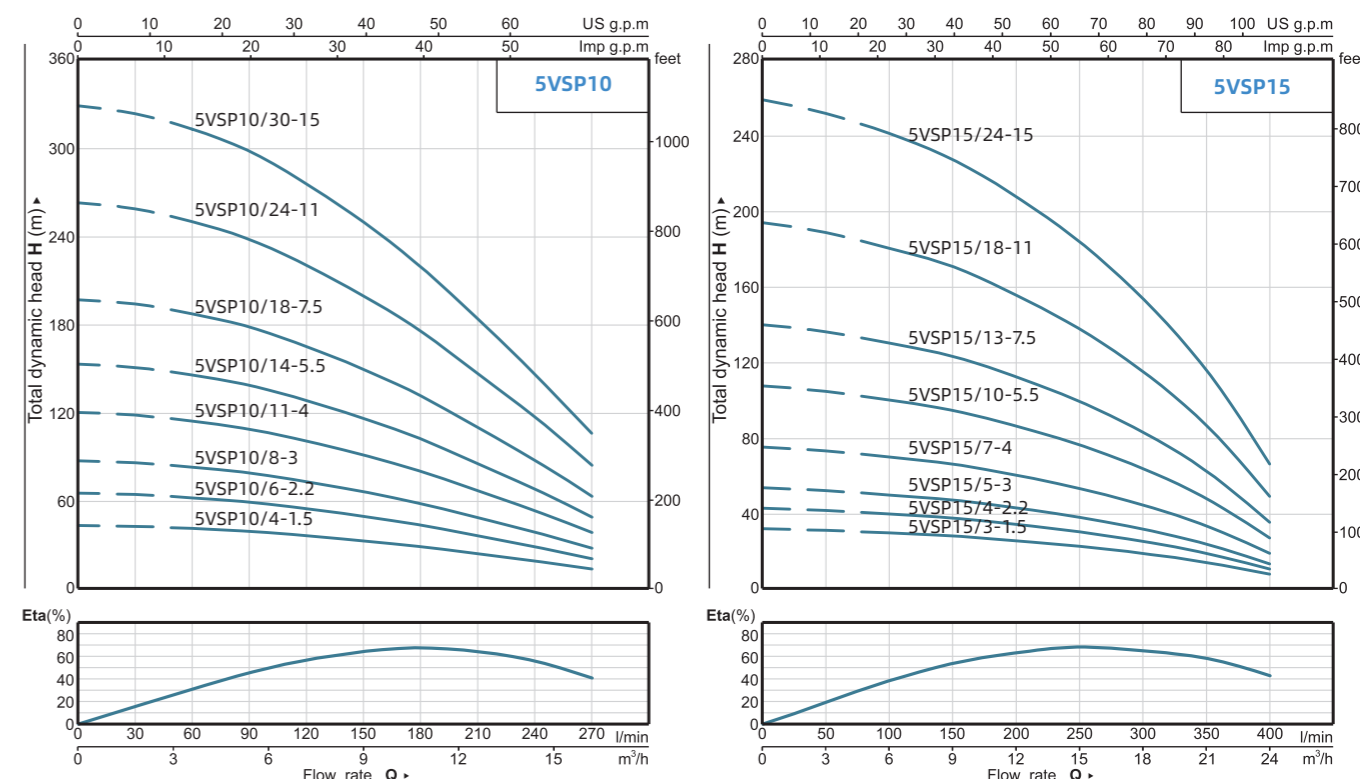
Special mechanical seal
Other voltages or frequency 60Hz



5 VSP 10 / 4 - 1.5



Components	Material
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	AISI 304 SS
Impeller	AISI 304 SS
Shaft	AISI 431 SS
Shaft coupling	AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	Cast-Cu ASTM C85500
	Cast-iron ASTM NO.30
Bottom support	Cast-iron ASTM NO.30
Seal	NBR Graphite-SIC/TC
Shaft	AISI 304 SS-ASTM 5140

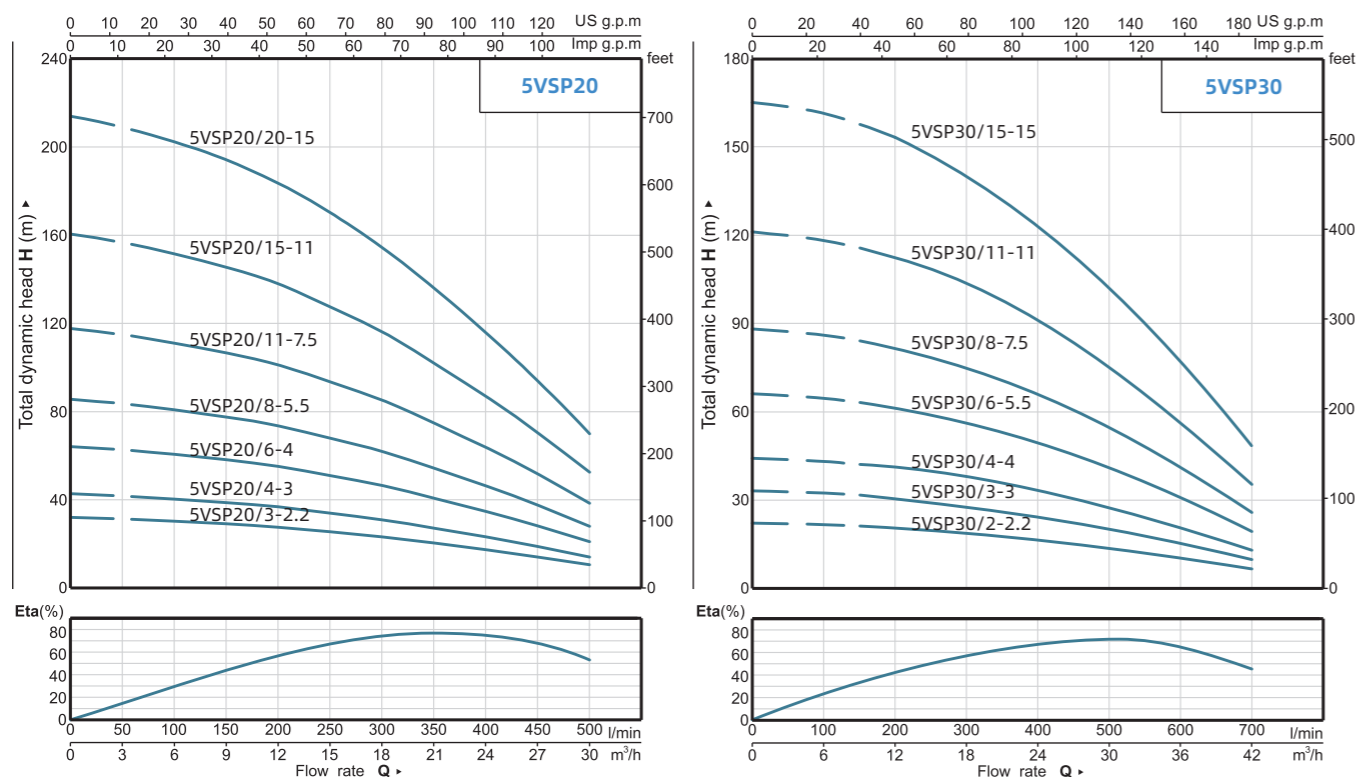


PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min												
	kW	HP	Q	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2		
3~380-415V			m³/h l/min	0	30	60	90	120	150	180	210	240	270		
5VSP10/4-1.5	1.5	2	H(m)	44	43	42	40	37	33	29	25	20	14		
5VSP10/6-2.2	2.2	3		66	65	63	60	55	50	44	37	29	21		
5VSP10/8-3	3	4		88	86	83	79	74	67	59	49	39	28		
5VSP10/11-4	4	5.5		121	119	115	109	101	92	81	67	54	39		
5VSP10/14-5.5	5.5	7.5		154	151	146	139	129	117	103	86	69	49		
5VSP10/18-7.5	7.5	10		197	194	188	179	166	150	132	110	88	64		
5VSP10/24-11	11	15		263	259	250	238	221	200	176	147	118	85		
5VSP10/30-15	15	20		329	324	313	298	276	250	220	184	147	106		

PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min									
	kW	HP	Q	0	3	6	9	12	15	18	21	24
3~380-415V			m³/h l/min	0	50	100	150	200	250	300	350	400
5VSP15/3-1.5	1.5	2	H(m)	32	31	30	29	26	23	19	15	8
5VSP15/4-2.2	2.2	3		43	42	40	38	35	31	26	19	11
5VSP15/5-3	3	4		54	52	50	47	43	38	32	24	14
5VSP15/7-4	4	5.5		76	73	70	66	61	54	45	34	19
5VSP15/10-5.5	5.5	7.5		108	105	100	95	87	77	64	48	28
5VSP15/13-7.5	7.5	10		140	137	131	124	113	100	83	63	36
5VSP15/18-11	11	15		194	189	181	171	156	138	116	87	50
5VSP15/24-15	15	20		259	252	241	228	208	184	154	116	66



35

PERFORMANCE DATA 50Hz

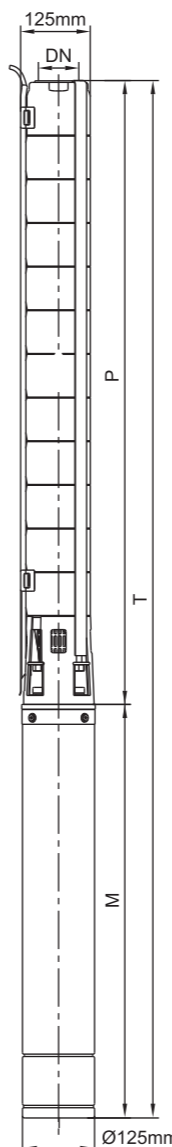
MODEL 3~ 380 - 415V	P ₂		DELIVERY n≈2850 1/min												
	kW	HP	Q	H(m)											
			m³/h l/min	0	3	6	9	12	15	18	21	24	27	30	
5VSP20/3-2.2	2.2	3	32	31	30	29	28	26	23	20	17	14	11		
5VSP20/4-3	3	4	43	42	40	39	37	34	31	27	23	19	14		
5VSP20/6-4	4	5.5	64	63	61	58	55	51	47	41	35	28	21		
5VSP20/8-5.5	5.5	7.5	86	84	81	78	74	68	62	54	46	38	28		
5VSP20/11-7.5	7.5	10	118	115	111	107	101	94	85	75	64	52	39		
5VSP20/15-11	11	15	161	157	152	146	138	128	116	102	87	71	53		
5VSP20/20-15	15	20	214	209	202	194	184	170	155	136	116	94	70		

PERFORMANCE DATA 50Hz

MODEL 3~ 380 - 415V	P ₂		DELIVERY n≈2850 1/min									
	kW	HP	Q	H(m)								
			m³/h l/min	0	6	12	18	24	30	36	42	
5VSP30/2-2.2	2.2	3	22	21	20	19	17	14	10	6		
5VSP30/3-3	3	4	33	32	31	28	25	20	15	10		
5VSP30/4-4	4	5.5	44	43	41	38	33	27	21	13		
5VSP30/6-5.5	5.5	7.5	66	64	61	56	50	41	31	19		
5VSP30/8-7.5	7.5	10	88	86	82	75	66	54	41	26		
5VSP30/11-11	11	15	121	118	112	103	91	75	56	35		
5VSP30/15-15	15	20	165	161	153	141	124	102	77	48		

35

DIMENSION AND WEIGHT



MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
5VSP10/4-1.5	2"	414	406	820	6.1	16.1	22.2
5VSP10/6-2.2	2"	508	441	949	8.2	19.4	27.6
5VSP10/8-3	2"	602	481	1083	10.2	22.6	32.8
5VSP10/11-4	2"	743	531	1274	13.4	26.7	40.1
5VSP10/14-5.5	2"	884	606	1490	16.5	33.4	49.9
5VSP10/18-7.5	2"	1072	706	1778	20.4	41.5	61.9
5VSP10/24-11	2"	1354	856	2210	26.9	54.1	81.0
5VSP10/30-15	2"	1636	1006	2642	33.1	66.2	99.3

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
5VSP15/3-1.5	2"½"	367	406	773	4.8	16.1	20.9
5VSP15/4-2.2	2"½"	414	441	855	6.1	19.4	25.5
5VSP15/5-3	2"½"	461	481	942	7.4	22.6	30.0
5VSP15/7-4	2"½"	555	531	1086	8.9	26.7	35.6
5VSP15/10-5.5	2"½"	696	606	1302	12.1	33.4	45.5
5VSP15/13-7.5	2"½"	837	706	1543	15.2	41.5	56.7
5VSP15/18-11	2"½"	1072	856	1928	20.4	54.1	74.5
5VSP15/24-15	2"½"	1354	1006	2360	26.9	66.2	93.1

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
5VSP20/3-2.2	2½"	370	441	811	4.8	19.4	24.2
5VSP20/4-3	2½"	418	481	949	6.1	22.6	28.7
5VSP20/6-4	2½"	514	531	1045	8.7	26.7	35.4
5VSP20/8-5.5	2½"	610	606	1216	10.2	33.4	43.6
5VSP20/11-7.5	2½"	754	706	1460	13.4	41.5	54.9
5VSP20/15-11	2½"	946	856	1802	17.8	54.1	71.9
5VSP20/20-15	2½"	1186	1006	2192	23.0	66.2	89.2

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
5VSP30/2-2.2	2½"	340	441	781	6.0	19.4	25.4
5VSP30/3-3	2½"	396	481	877	7.4	22.6	30.0
5VSP30/4-4	2½"	452	531	983	8.9	26.7	35.6
5VSP30/6-5.5	2½"	564	606	1170	11.8	33.4	45.2
5VSP30/8-7.5	2½"	676	706	1382	14.6	41.5	56.1
5VSP30/11-11	2½"	844	856	1700	20.0	54.1	74.1
5VSP30/15-15	2½"	1068	1006	2074	27.2	66.2	93.4

36

6VSD/6VSS

Applications

For water supply from wells or reservoirs
 For domestic use, for civil and industrial applications
 For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +35°C
 Maximum sand content: 0.25%
 Minimum well diameter: 6"

Motor and Pump

Rewindable motor
Three-phase: 380 - 415V/50Hz
 Curve tolerance according to ISO 9906

Options on request

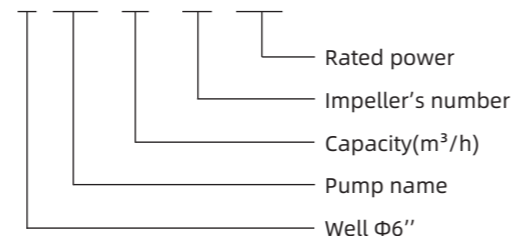
Special mechanical seal
 Other voltages or frequency 60Hz



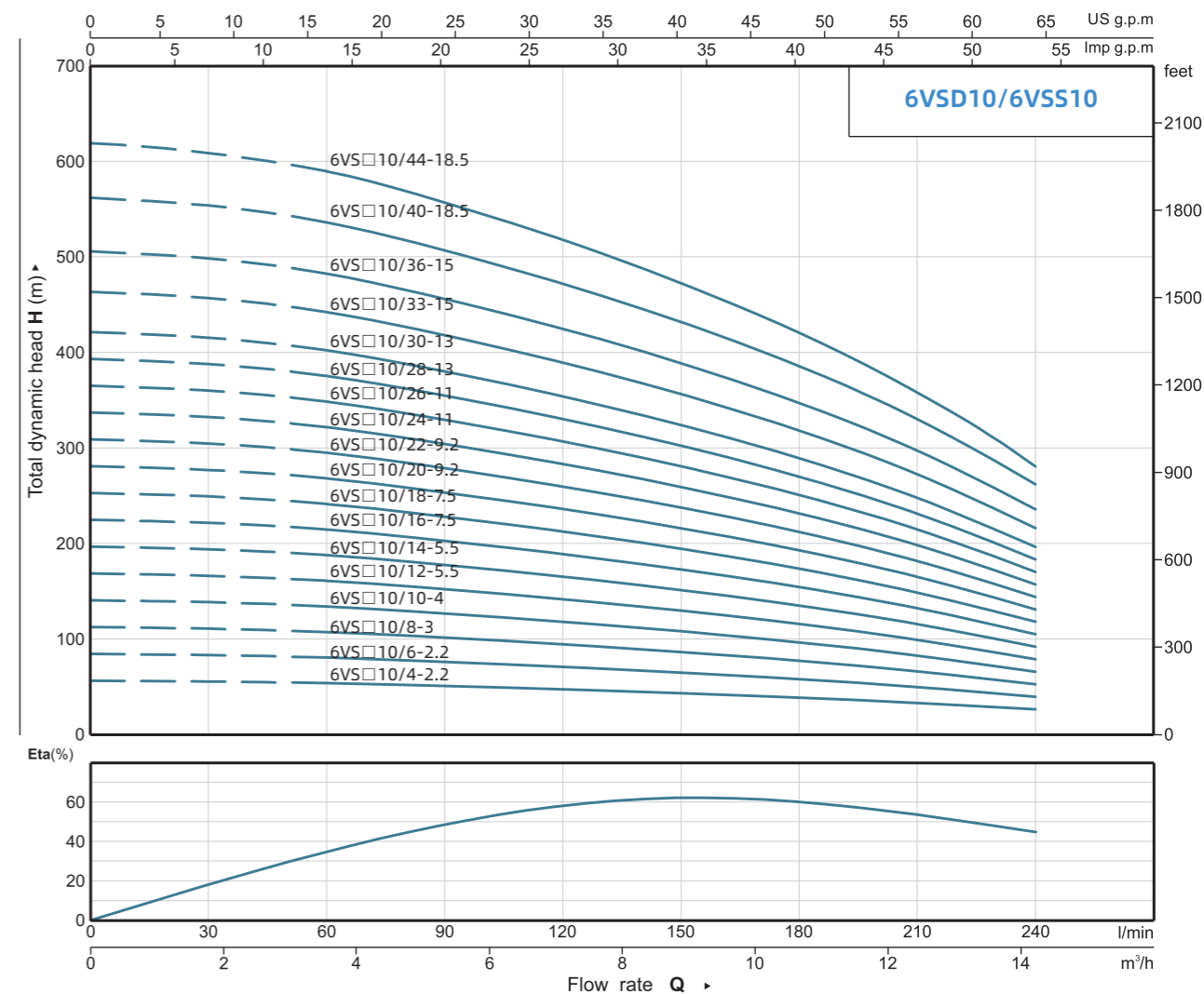
6VSD

6VSS

6 VSD 10 / 6 - 2.2



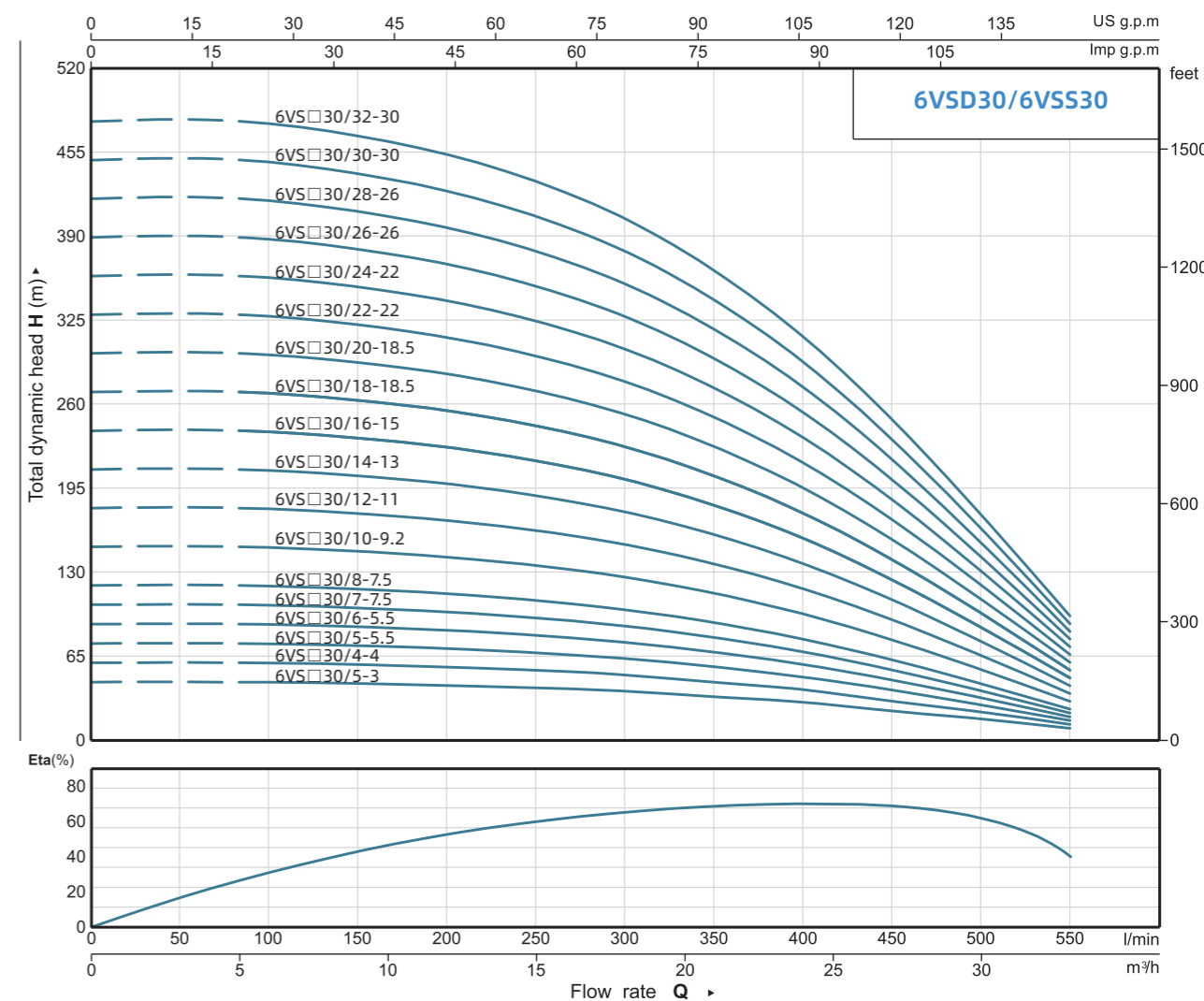
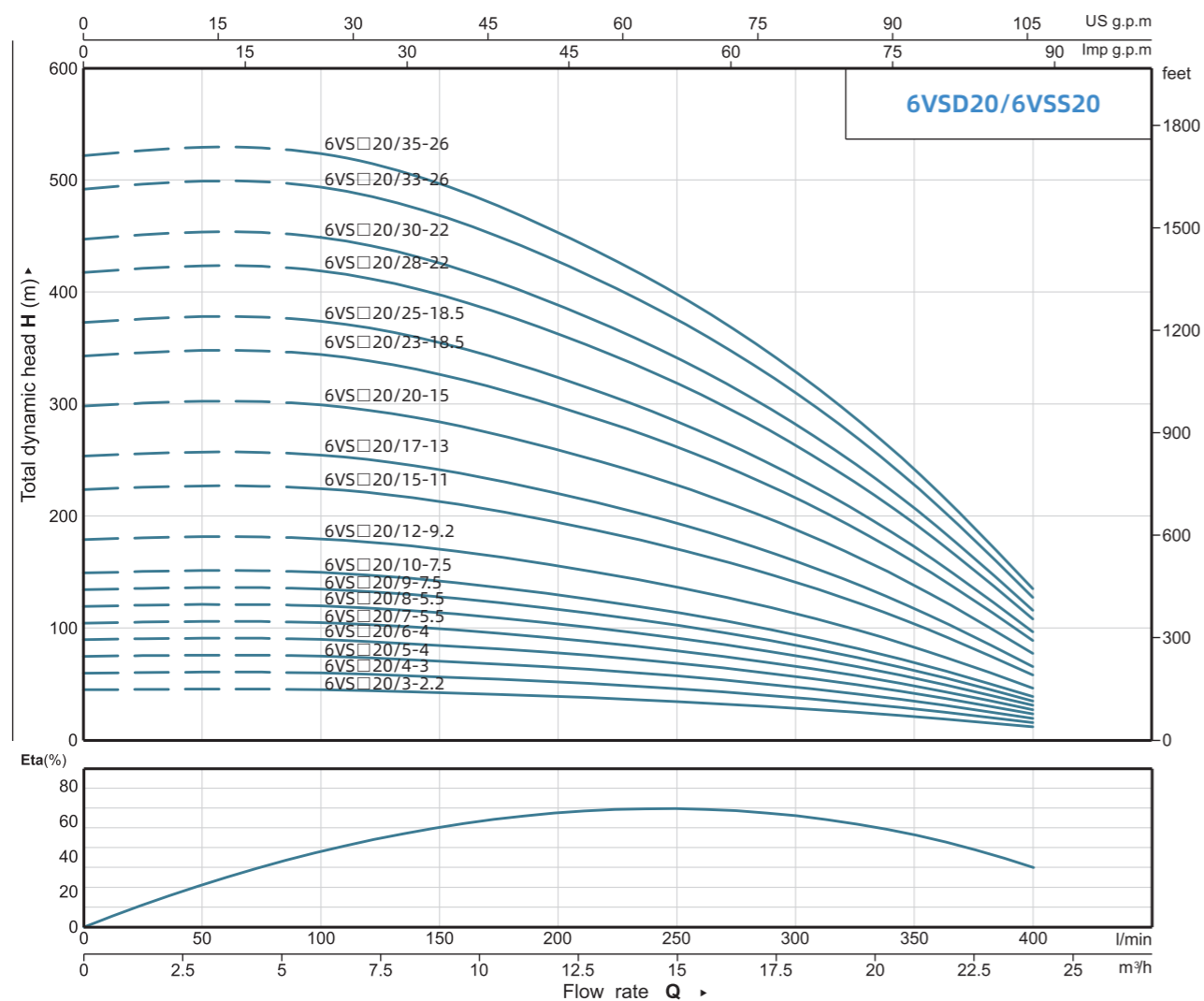
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM C85500 ② AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM NO.30 Cast-Cu ASTM C85500
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min											
	kW	HP	Q m³/h l/min	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4		
3~ 380 - 415V				0	30	60	90	120	150	180	210	240		
6VSD10/6-2.2	2.2	3	84	83	80	76	70	64	57	49	38			
6VSD10/8-3	3	4	112	111	107	101	94	86	76	65	51			
6VSD10/10-4	4	5.5	140	138	134	126	117	107	95	81	64			
6VSD10/12-5.5	5.5	7.5	169	166	161	152	141	129	115	97	76			
6VSD10/14-5.5	5.5	7.5	197	194	187	177	164	150	134	114	89			
6VSD10/16-7.5	7.5	10	225	221	214	202	188	172	153	130	102			
6VSD10/18-7.5	7.5	10	253	249	241	227	211	193	172	146	115			
6VSD10/20-9.2	9.2	12.5	281	277	268	253	235	215	191	162	127			
6VSD10/22-9.2	9.2	12.5	309	304	294	278	258	236	210	178	140			
6VSD10/24-11	11	15	337	332	321	303	282	257	229	195	153			
6VSD10/26-11	11	15	365	360	348	329	305	279	248	211	165			
6VSD10/28-13	13	17.5	393	388	375	354	329	300	267	227	178			
6VSD10/30-13	13	17.5	421	415	402	379	352	322	286	243	191			
6VSD10/33-15	15	20	464	457	442	417	388	354	315	268	210			
6VSD10/36-15	15	20	506	498	482	455	423	386	344	292	229			
6VSD10/40-18.5	18.5	25	562	554	535	505	470	429	382	325	255			
6VSD10/44-18.5	18.5	25	618	609	589	556	517	472	420	357	280			

•6VSD in the above table can be replaced by any of 6VSD,6VSS



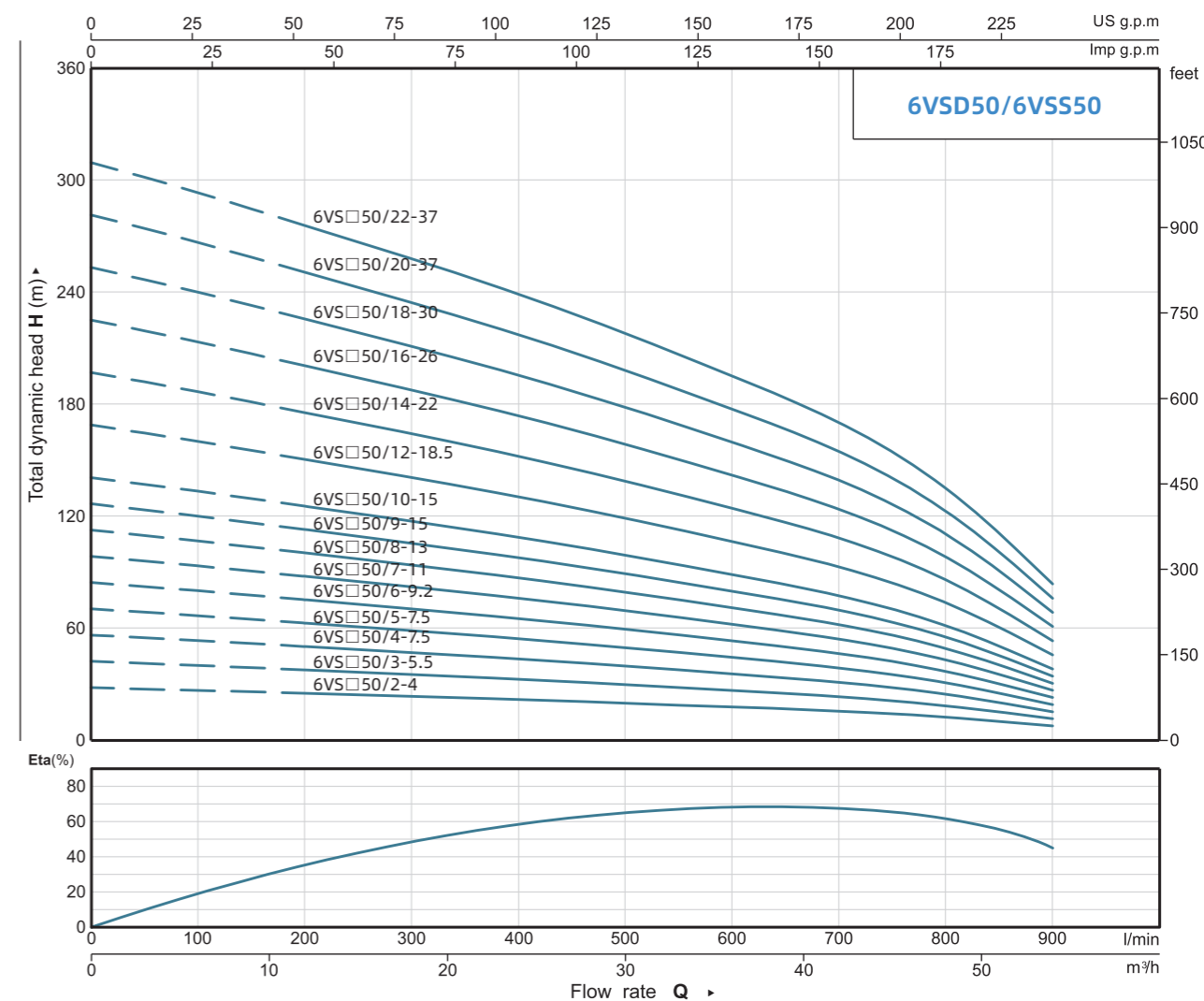
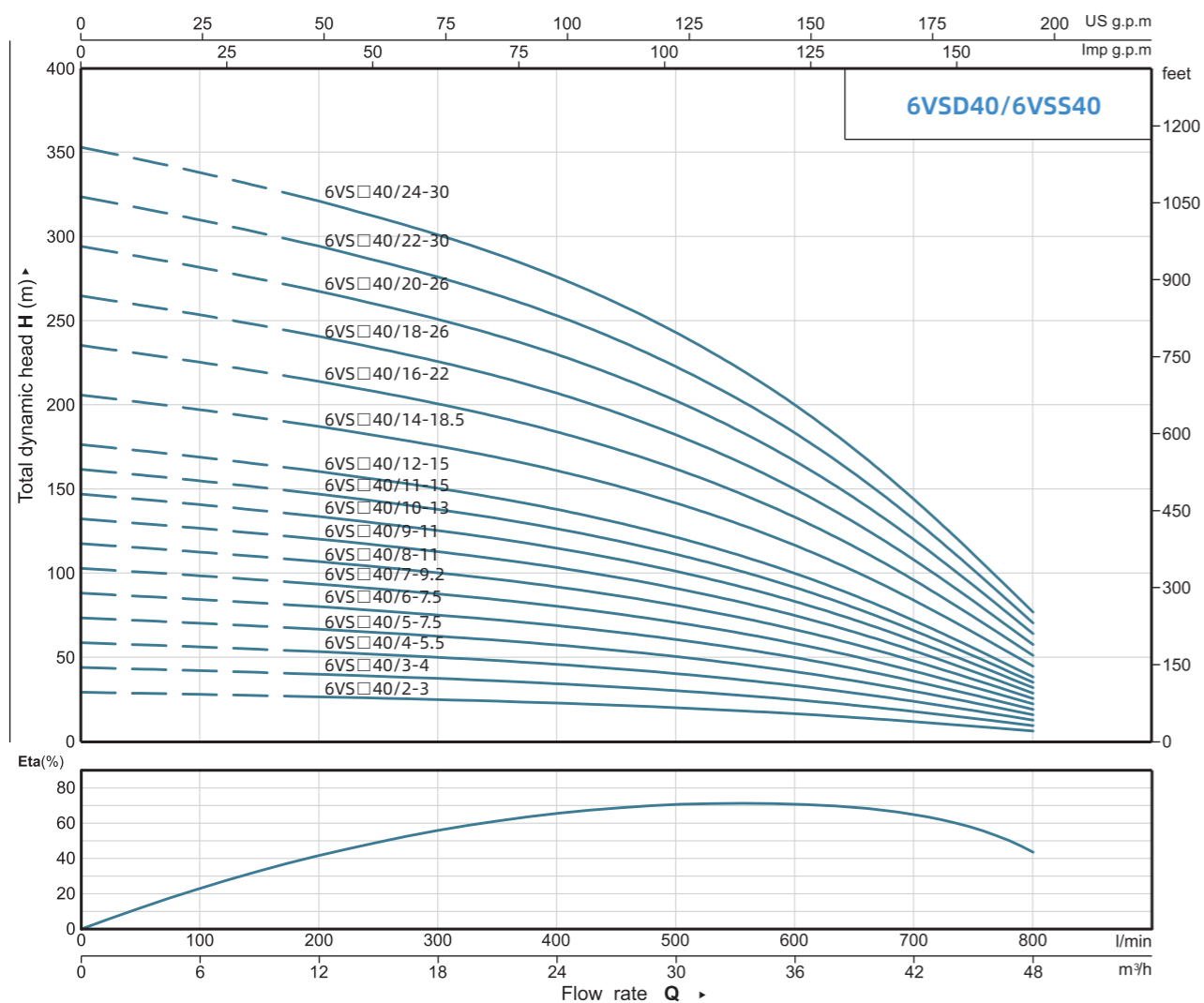
PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min																			
	kW	HP	Q	H(m)																		
				m ³ /h	0	3	6	9	12	15	18	21	24									
3~ 380 - 415V			l/min	0	50	100	150	200	250	300	350	400										
6VS□20/3-2.2	2.2	3		45	45	45	42	39	34	28	21	12										
6VS□20/4-3	3	4		60	61	60	56	52	46	38	28	15										
6VS□20/5-4	4	5.5		75	76	75	70	65	57	47	35	19										
6VS□20/6-4	4	5.5		89	91	90	84	78	69	57	41	23										
6VS□20/7-5.5	5.5	7.5		104	106	105	98	91	80	66	48	27										
6VS□20/8-5.5	5.5	7.5		119	121	120	112	104	91	75	55	31										
6VS□20/9-7.5	7.5	10		134	136	135	126	117	103	85	62	35										
6VS□20/10-7.5	7.5	10		149	151	150	140	130	114	94	69	39										
6VS□20/12-9.2	9.2	12.5		179	182	179	169	155	137	113	83	46										
6VS□20/15-11	11	15		224	227	224	211	194	171	141	104	58										
6VS□20/17-13	13	17.5		253	257	254	239	220	194	160	117	66										
6VS□20/20-15	15	20		298	303	299	281	259	229	189	138	77										
6VS□20/23-18.5	18.5	25		343	348	344	323	298	263	217	159	89										
6VS□20/25-18.5	18.5	25		373	379	374	351	324	286	236	173	96										
6VS□20/28-22	22	30		417	424	419	393	363	320	264	193	108										
6VS□20/30-22	22	30		447	454	449	421	389	343	283	207	116										
6VS□20/33-26	26	35		492	500	493	464	427	377	311	228	127										
6VS□20/35-26	26	35		522	530	523	492	453	400	330	242	135										

PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min																			
	kW	HP	Q	H(m)																		
				m ³ /h	0	3	6	9	12	15	18	21	24	27	30	33						
3~ 380 - 415V			l/min	0	50	100	150	200	250	300	350	400	450	500	550							
6VS□30/3-3	3	4		45	45	45	44	42	40	38	33	29	22	16	9							
6VS□30/4-4	4	5.5		60	60	60	58	56	54	50	45	39	30	22	12							
6VS□30/5-5.5	5.5	7.5		75	75	75	73	71	67	63	56	49	38	27	15							
6VS□30/6-5.5	5.5	7.5		90	90	89	88	85	81	76	67	58	45	33	18							
6VS□30/7-7.5	7.5	10		105	105	104	102	99	94	88	78	68	52	38	21							
6VS□30/8-7.5	7.5	10		120	120	119	117	108	108	101	89	78	60	44	24							
6VS□30/10-9.2	9.2	12.5		150	150	149	146	141	135	126	111	97	75	54	30							
6VS□30/12-11	11	15		179	180	179	175	169	162	151	134	117	90	65	36							
6VS□30/14-13	13	17.5		209	210	209	204	197	189	176	156	136	105	76	42							
6VS□30/16-15	15	20		239	240	238	234	226	216	202	178	156	120	87	48							
6VS□30/18-18.5	18.5	25		269	270	268	263	254	243	227	201	176	135	98	54							
6VS□30/20-18.5	18.5	25		299	300	298	292	282	270	252	223	195	150	109	60							
6VS□30/22-22	22	30		329	330	328	321	310	297	277	245	214	165	120	66							
6VS□30/24-22	22	30		359	360	358	350	338	324	302	268	234	180	131	72							
6VS□30/26-26	26	35		389	390	387	380	367	351	328	290	253	195	142	78							
6VS□30/28-26	26	35		419	420	417	409	395	378	352	312	273	210	153	84							
6VS□30/30-30	30	40		449	450	447	438	423	405	378	334	292	225	163	90							
6VS□30/32-30	30	40		478	480	477	467	451	432	405	357	312	240	174	96							

•6VS□ in the above table can be replaced by any of 6VSD,6VSS



PERFORMANCE DATA 50Hz

MODEL 3 ~ 380 - 415V	P ₂		Q m³/h l/min	DELIVERY n≈2850 1/min																		
	kW	HP		H(m)																		
				0	6	12	18	24	30	36	42	48										
6VS□40/2-3	3	4		29	28	26	25	23	20	17	12	6	0	100	200	300	400	500	600	700	800	
6VS□40/3-4	4	5.5		44	42	40	38	34	31	25	18	10										
6VS□40/4-5.5	5.5	7.5		59	56	53	50	45	41	33	24	13										
6VS□40/5-7.5	7.5	10		74	70	66	63	57	51	42	30	16										
6VS□40/6-7.5	7.5	10		88	84	79	75	68	61	50	36	19										
6VS□40/7-9.2	9.2	12.5		103	99	93	88	80	71	58	42	23										
6VS□40/8-11	11	15		118	113	106	101	91	82	67	48	26										
6VS□40/9-11	11	15		132	127	119	113	102	92	75	54	29										
6VS□40/10-13	13	17.5		147	141	132	126	114	102	83	60	32										
6VS□40/11-15	15	20		162	155	146	138	125	112	92	66	36										
6VS□40/12-15	15	20		177	169	159	151	136	122	100	72	39										
6VS□40/14-18.5	18.5	25		206	197	186	176	159	143	117	85	46										
6VS□40/16-22	22	30		235	225	212	201	182	163	133	97	52										
6VS□40/18-26	26	35		265	253	238	226	205	184	150	109	58										
6VS□40/20-26	26	35		294	282	265	252	227	204	167	121	65										
6VS□40/22-30	30	40		324	310	291	277	250	225	183	133	71										
6VS□40/24-30	30	40		353	338	318	302	273	245	200	145	78										

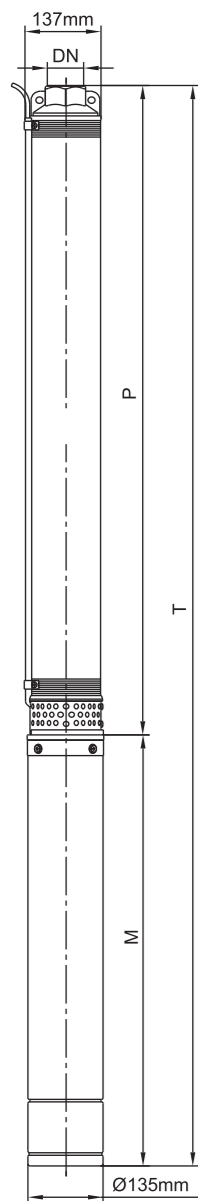
• 6VS□ in the above table can be replaced by any of 6VSD,6VSS

PERFORMANCE DATA 50Hz

MODEL 3 ~ 380 - 415V	P ₂		Q m³/h l/min	DELIVERY n≈2850 1/min																			
	kW	HP		H(m)																			
				0	6	12	18	24	30	36	42	48	54										
6VS□50/2-4	4	5.5		28	27	25	23	22	20	18	16	12	8	0	100	200	300	400	500	600	700	800	900
6VS□50/3-5.5	5.5	7.5		42	40	38	35	33	30	27	23	18	11										
6VS□50/4-7.5	7.5	10		56	53	50	47	44	40	36	31	25	15										
6VS□50/5-7.5	7.5	10		70	67	63	58	54	49	44	39	31	19										
6VS□50/6-9.2	9.2	12.5		84	80	75	70	65	59	53	47	37	23										
6VS□50/7-11	11	15		98	93	88	82	76	69	62	54	43	26										
6VS□50/8-13	13	17.5		113	107	101	94	87	79	71	62	49	30										
6VS□50/9-15	15	20		127	120	113	105	98	89	80	70	55	34										
6VS□50/10-15	15	20		141	133	126	117	109	99	89	78	61	38										
6VS□50/12-18.5	18.5	25		169	160	151	140	131	119	107	93	74	45										
6VS□50/14-22	22	30		197	186	176	164	152	138	124	109	86	53										
6VS□50/16-26	26	35		225	213	201	187	174	158	142	124	98	60										
6VS□50/18-30	30	40		253	240	226	210	196	178	160	140	110	68										
6VS□50/20-37	37	50		281	266	251	234	218	198	178	155	123	75										
6VS□50/22-37	37	50		309	293	276	257	239	217	195	171	135	83										

• 6VS□ in the above table can be replaced by any of 6VSD,6VSS

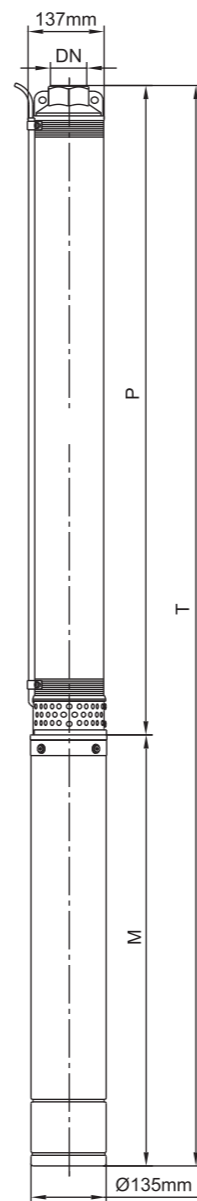
DIMENSION AND WEIGHT



MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
6VS□10/6-2.2	2½"/3"	575	454	1029	10.2	21.5	31.7
6VS□10/8-3	2½"/3"	651	484	1135	10.8	24.1	34.9
6VS□10/10-4	2½"/3"	728	519	1247	11.4	27.9	39.3
6VS□10/12-5.5	2½"/3"	804	579	1383	12.0	33.6	45.6
6VS□10/14-5.5	2½"/3"	880	579	1459	13.2	33.6	46.8
6VS□10/16-7.5	2½"/3"	957	654	1611	14.4	40.7	55.1
6VS□10/18-7.5	2½"/3"	1033	654	1687	15.6	40.7	56.3
6VS□10/20-9.2	2½"/3"	1109	736	1845	16.8	48.2	65.0
6VS□10/22-9.2	2½"/3"	1185	736	1921	18.0	48.2	66.2
6VS□10/24-11	2½"/3"	1261	806	2067	19.2	55.0	74.2
6VS□10/26-11	2½"/3"	1338	806	2144	20.4	55.0	75.4
6VS□10/28-13	2½"/3"	1414	871	2285	21.6	62.0	83.6
6VS□10/30-13	2½"/3"	1490	871	2361	22.8	62.0	84.8
6VS□10/33-15	2½"/3"	1604	936	2540	24.6	69.0	93.6
6VS□10/36-15	2½"/3"	1719	936	2655	26.4	69.0	95.4
6VS□10/40-18.5	2½"/3"	1871	909	2780	28.8	80.3	109.1
6VS□10/44-18.5	2½"/3"	2023	909	2932	31.2	80.3	111.5

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
6VS□20/3-2.2	2½"/3"	461	454	915	9.0	21.5	30.5
6VS□20/4-3	2½"/3"	499	484	983	9.6	24.1	33.7
6VS□20/5-4	2½"/3"	537	519	1056	7.8	27.9	35.7
6VS□20/6-4	2½"/3"	575	519	1094	8.4	27.9	36.3
6VS□20/7-5.5	2½"/3"	613	579	1192	9.0	33.6	42.6
6VS□20/8-5.5	2½"/3"	651	579	1230	9.6	33.6	43.2
6VS□20/9-7.5	2½"/3"	689	654	1343	10.2	40.7	50.9
6VS□20/10-7.5	2½"/3"	728	654	1382	10.8	40.7	51.5
6VS□20/12-9.2	2½"/3"	804	736	1540	12.0	48.2	60.2
6VS□20/15-11	2½"/3"	919	806	1725	13.8	55.0	68.8
6VS□20/17-13	2½"/3"	995	871	1866	15.0	62.0	77.0
6VS□20/20-15	2½"/3"	1109	936	2045	16.8	69.0	85.8
6VS□20/23-18.5	2½"/3"	1223	909	2132	18.6	80.3	98.9
6VS□20/25-18.5	2½"/3"	1300	909	2209	19.8	80.3	100.1
6VS□20/28-22	2½"/3"	1414	984	2398	21.6	89.5	111.1
6VS□20/30-22	2½"/3"	1490	984	2474	22.8	89.5	112.3
6VS□20/33-26	2½"/3"	1604	1059	2663	24.6	99.2	123.8
6VS□20/35-26	2½"/3"	1681	1059	2740	25.8	99.2	125.0

DIMENSION AND WEIGHT



MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
6VS□30/3-3	2½"/3"	488	484	972	6.7	24.1	30.8
6VS□30/4-4	2½"/3"	536	519	1055	7.5	27.9	35.4
6VS□30/5-5.5	2½"/3"	583	579	1162	8.3	33.6	41.9
6VS□30/6-5.5	2½"/3"	630	579	1209	9.1	33.6	42.7
6VS□30/7-7.5	2½"/3"	678	654	1332	9.9	40.7	50.6
6VS□30/8-7.5	2½"/3"	725	654	1379	10.7	40.7	51.4
6VS□30/10-9.2	2½"/3"	820	736	1556	12.3	48.2	60.5
6VS□30/12-11	2½"/3"	915	806	1721	13.9	55.0	68.9
6VS□30/14-13	2½"/3"	1009	871	1880	15.5	62.0	77.5
6VS□30/16-15	2½"/3"	1104	936	2040	17.1	69.0	86.1
6VS□30/18-18.5	2½"/3"	1198	909	2107	18.7	80.3	99.0
6VS□30/20-18.5	2½"/3"	1293	909	2202	20.3	80.3	101.2
6VS□30/22-22	2½"/3"	1388	984	2372	21.9	89.5	111.4
6VS□30/24-22	2½"/3"	1482	984	2466	23.5	89.5	113.0
6VS□30/26-26	2½"/3"	1577	1059	2636	25.1	99.2	124.3
6VS□30/28-26	2½"/3"	1671	1059	2730	26.7	99.2	125.9
6VS□30/30-30	2½"/3"	1766	1134	2900	28.3	107.8	136.1
6VS□30/32-30	2½"/3"	1861	1134	2995	29.9	107.8	137.7

6VS□40/2-3	2½"/3"	463	484	947	6.2	24.1	30.3
6VS□40/3-4	2½"/3"	521	519	1040	7.1	27.9	35.0
6VS□40/4-5.5	2½"/3"	579	579	1158	8.0	33.6	41.6
6VS□40/5-7.5	2½"/3"	638	654	1292	8.9	40.7	49.6
6VS□40/6-7.5	2½"/3"	696	654	1350	9.8	40.7	50.5
6VS□40/7-9.2	2½"/3"	754	736	1490	10.7	48.2	58.9
6VS□40/8-11	2½"/3"	812	806	1618	11.6	55.0	66.6
6VS□40/9-11	2½"/3"	870	806	1676	12.5	55.0	67.5
6VS□40/10-13	2½"/3"	929	871	1800	13.4	62.0	75.4
6VS□40/11-15	2½"/3"	987	936	1923	14.3	69.0	83.3
6VS□40/12-15	2½"/3"	1045	936	1981	15.2	69.0	84.2
6VS□40/14-18.5	2½"/3"	1162	909	2071	17.0	80.3	97.3
6VS□40/16-22	2½"/3"	1278	984	2262	18.8	89.5	108.3
6VS□40/18-26	2½"/3"	1395	1059	2454	20.6	99.2	119.8
6VS□40/20-26	2½"/3"	1511	1059	2570	22.4	99.2	121.6
6VS□40/22-30	2½"/3"	1627	1134	2761	24.2	107.8	132.0
6VS□40/24-30	2½"/3"	1744	1134	2878	26.0	107.8	133.8

6VS□50/2-4	3"	485	519	1004	6.6	27.9	34.5
6VS□50/3-5.5	3"	554	579	1133	7.6	33.6	41.2
6VS□50/4-7.5	3"	623	654	1277	8.6	40.7	49.3
6VS□50/5-7.5	3"	692	654	1346	9.6	40.7	50.3
6VS□50/6-9.2	3"	761	736	1497	10.5	48.2	58.7
6VS□50/7-11	3"	830	806	1636	11.5	55.0	66.5
6VS□50/8-13	3"	899	871	1770	12.4	62.0	74.4
6VS□50/9-15	3"	968	936	1904	13.3	69.0	82.3
6VS□50/10-15	3"	1038	936	1974	14.6	69.0	83.6
6VS□50/12-18.5	3"	1176	909	2085	16.6	80.3	96.9
6VS□50/14-22	3"	1314	984	2298	18.6	89.5	108.1
6VS□50/16-26	3"	1453	1059	2512	20.6	99.2	119.8
6VS□50/18-30	3"	1591	1134	2725	22.6	107.8	130.4
6VS□50/20-37	3"	1729	1208	2937	24.6	117.3	141.9
6VS□50/22-37	3"	1867	1208	3075	26.6	117.3	143.9

6VSP

Applications

For water supply from wells or reservoirs
 For domestic use, for civil and industrial applications
 For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +50°C
 Maximum sand content: 0.25%
 Minimum well diameter: 6"

Motor and Pump

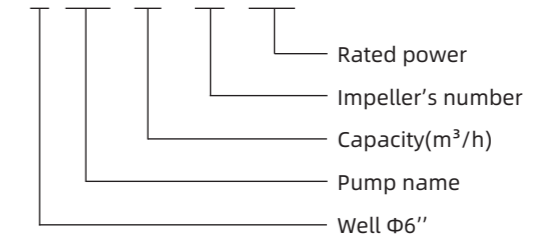
Rewindable motor
Three-phase: 380 - 415V/50Hz
 ① Direct start (1 cable)
 ② Star-delta start (2 cables)
NEMA dimension standards
 Curve tolerance according to ISO 9906

Options on request

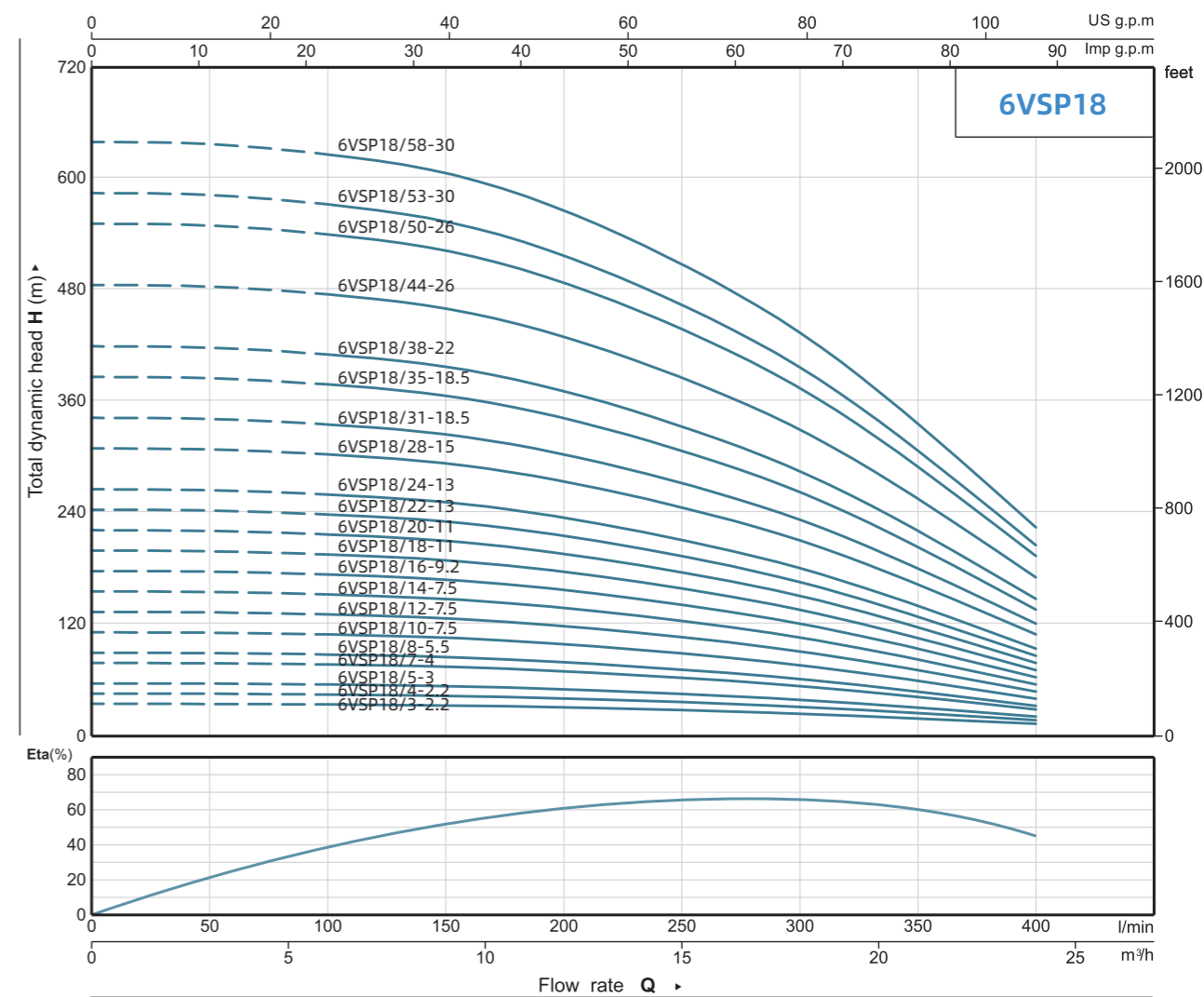
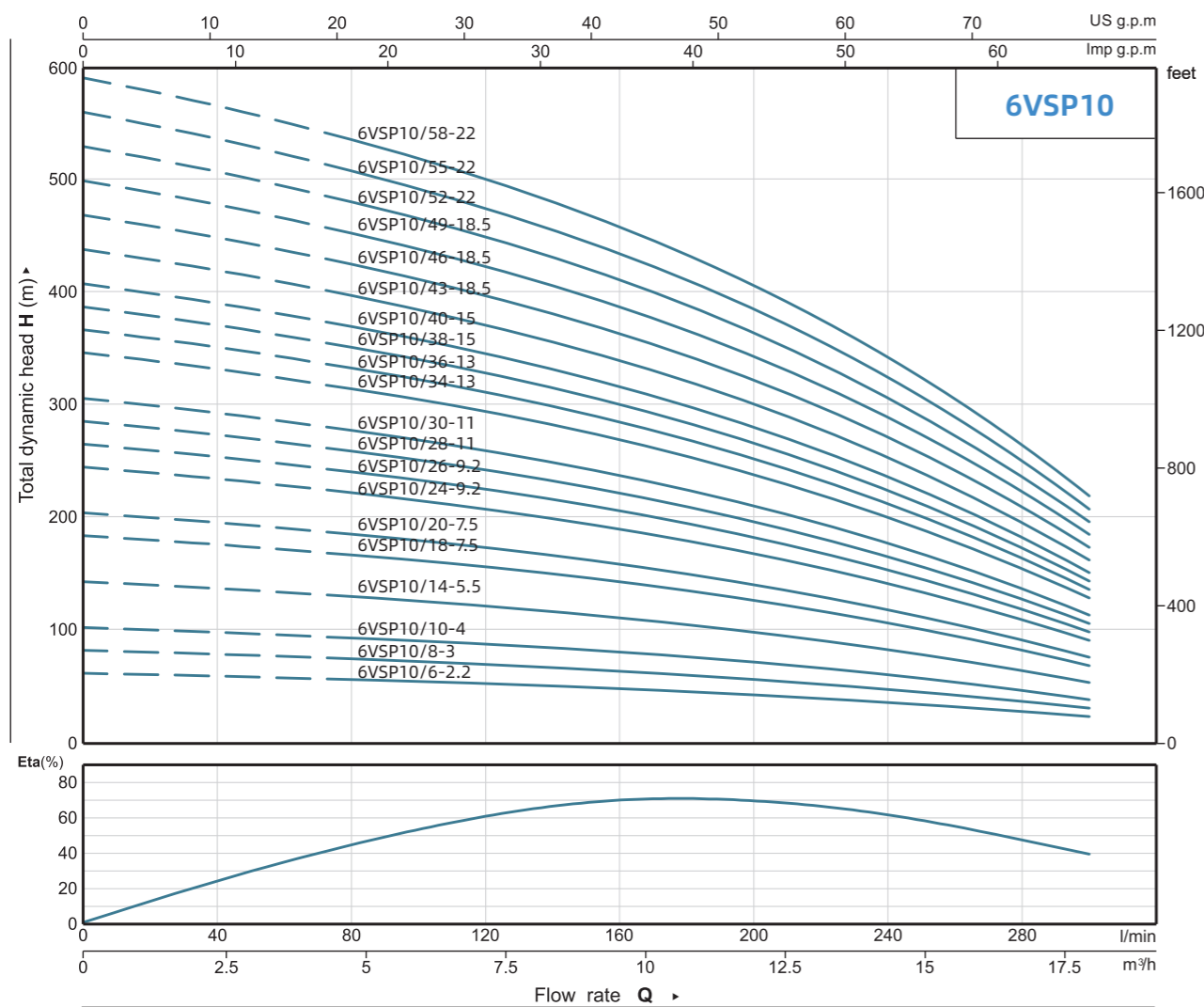
Special mechanical seal
 Other voltages or frequency 60Hz



6 VSP 10 / 6 - 2.2



Components	Material
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	AISI 304 SS
Impeller	AISI 304 SS
Shaft	AISI 431 SS
Shaft coupling	AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM N0.30
Bottom support	Cast-iron ASTM N0.30
Seal	NBR Graphite-SiC/TC
Shaft	AISI 304 SS-ASTM 5140

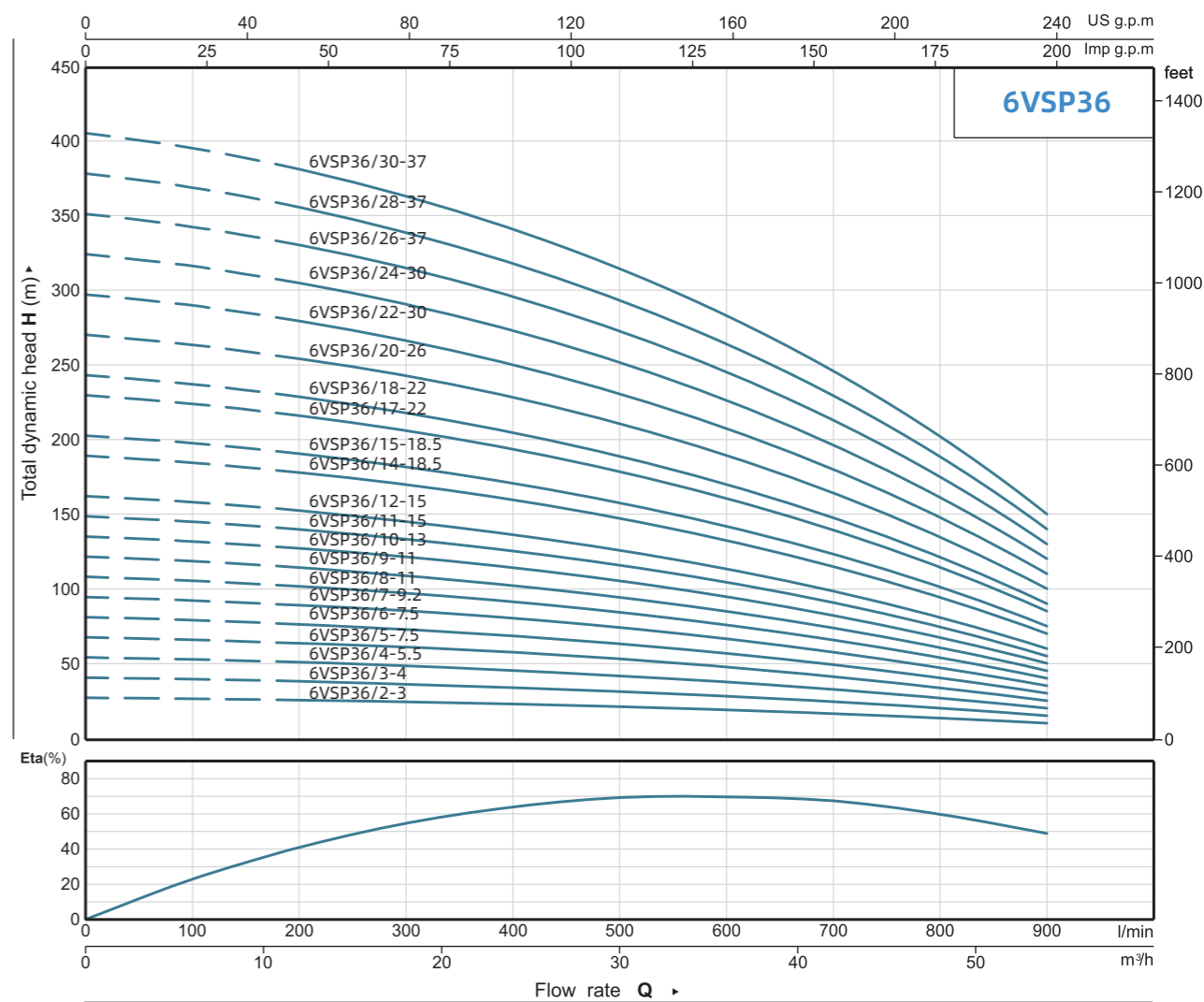
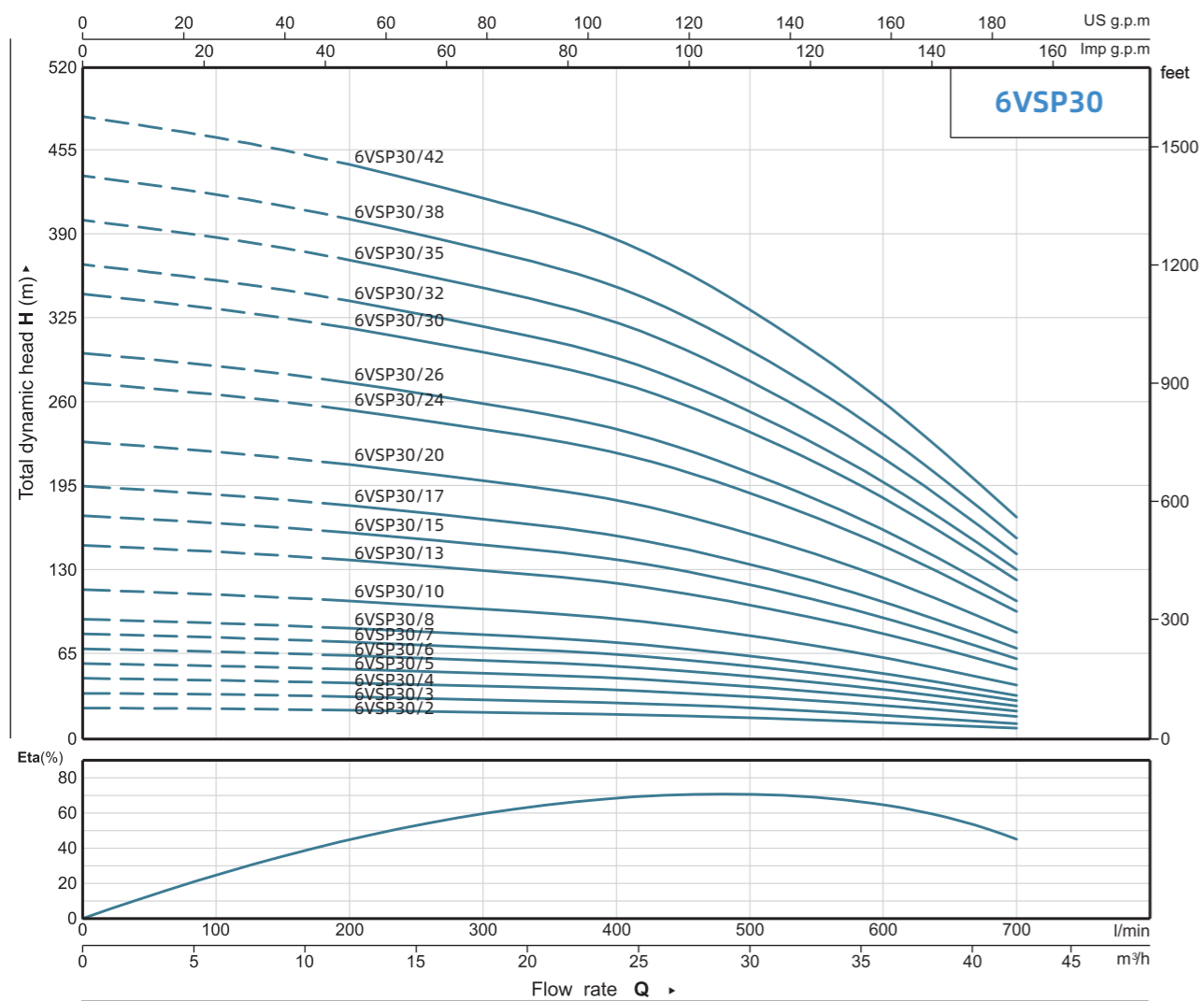


PERFORMANCE DATA 50Hz

MODEL 3~ 380 - 415V	P ₂		DELIVERY n≈2850 1/min Q m³/h l/min	DELIVERY																	
	kW	HP		0	2.4	4.8	7.2	9.6	12.0	14.4	16.8	18.0									
6VSP10/6-2.2	2.2	3	61	58	55	52	47	42	35	27	23										
6VSP10/8-3	3	4	81	78	74	69	63	56	47	36	30										
6VSP10/10-4	4	5.5	102	97	92	86	79	70	59	46	38										
6VSP10/14-5.5	5.5	7.5	142	136	129	121	110	98	83	64	53										
6VSP10/18-7.5	7.5	10	183	175	166	155	142	126	106	82	68										
6VSP10/20-7.5	7.5	10	203	195	184	172	158	140	118	91	75										
6VSP10/24-9.2	9.2	12.5	244	234	221	207	189	168	142	109	90										
6VSP10/26-9.2	9.2	12.5	264	253	240	224	205	182	154	118	98										
6VSP10/28-11	11	15	285	273	258	241	221	196	166	127	105										
6VSP10/30-11	11	15	305	292	277	259	236	209	177	138	113										
6VSP10/34-13	13	17.5	346	331	314	293	268	237	201	155	128										
6VSP10/36-13	13	17.5	366	351	332	310	284	251	213	164	135										
6VSP10/38-15	15	20	387	371	351	328	299	265	225	173	143										
6VSP10/40-15	15	20	407	390	369	345	315	279	237	182	150										
6VSP10/43-18.5	18.5	25	437	419	397	371	339	300	254	196	162										
6VSP10/46-18.5	18.5	25	468	448	424	397	362	321	272	209	173										
6VSP10/49-18.5	18.5	25	498	477	452	422	386	342	290	223	184										
6VSP10/52-22	22	30	529	507	480	448	410	363	308	237	195										
6VSP10/55-22	22	30	559	536	507	474	433	384	325	250	207										
6VSP10/58-22	22	30	590	565	535	500	457	405	343	264	218										

PERFORMANCE DATA 50Hz

MODEL 3~ 380 - 415V	P ₂		DELIVERY n≈2850 1/min Q m³/h l/min	DELIVERY																	
	kW	HP		0	3	6	9	12	15	18	21	24									
6VSP18/3-2.2	2.2	3	33	33	32	31	29	26	22	17	12										
6VSP18/4-2.2	2.2	3	44	44	43	42	39	35	30	23	15										
6VSP18/5-3	3	4	55	55	54	52	49	44	37	29	19										
6VSP18/7-4	4	5.5	77	77	75	73	68	61	52	40	27										
6VSP18/8-5.5	5.5	7.5	88	88	86	83	78	70	60	46	31										
6VSP18/10-7.5	5.5	7.5	110	110	108	104	97	87	75	58	38										
6VSP18/12-7.5	7.5	10	132	132	129	125	117	105	90	69	46										
6VSP18/14-7.5	7.5	10	154	153	151	146	136	122	105	81	54										
6VSP18/16-9.2	9.2	12.5	176	175	172	167	156	140	120	92	61										
6VSP18/18-11	11	15	198	197	194	188	175	157	134	104	69										
6VSP18/20-11	11	15	220	219	215	209	195	175	149	115	77										
6VSP18/22-13	13	17.5	242	241	237	229	214	192	164	127	85										
6VSP18/24-13	13	17.5	264	263	258	250	233	209	179	138	92										
6VSP18/28-15	15	20	308	307	301	292	272	244	209	161	108										
6VSP18/31-18.5	18.5	25	341	340	334	323	301	270	232	179	119										
6VSP18/35-18.5	18.5	25	385	384	377	365	340	305	261	202	135										
6VSP18/38-22	22	30	418	417	409	396	370	332	284	219	146										
6VSP18/44-26	26	35	484	482	474	459	428	384	329	254	169										
6VSP18/50-26	26	35	550	548	538	522	486	436	374	288	192										
6VSP18/53-30	30	40	583	581	571	553	515	462	396	306	204										
6VSP18/58-30	30	40	638	636	624	605	564	506	433	334	223										

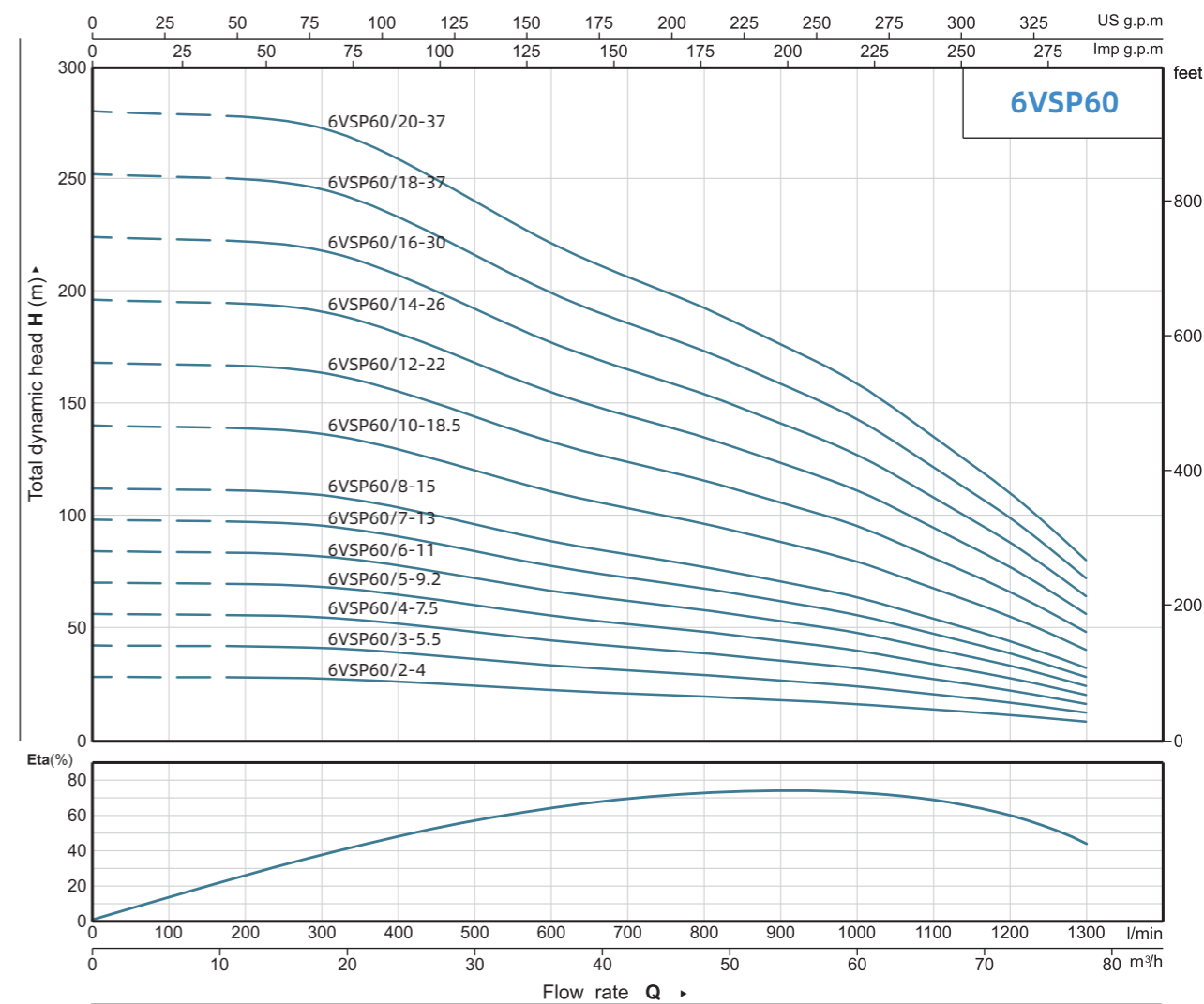
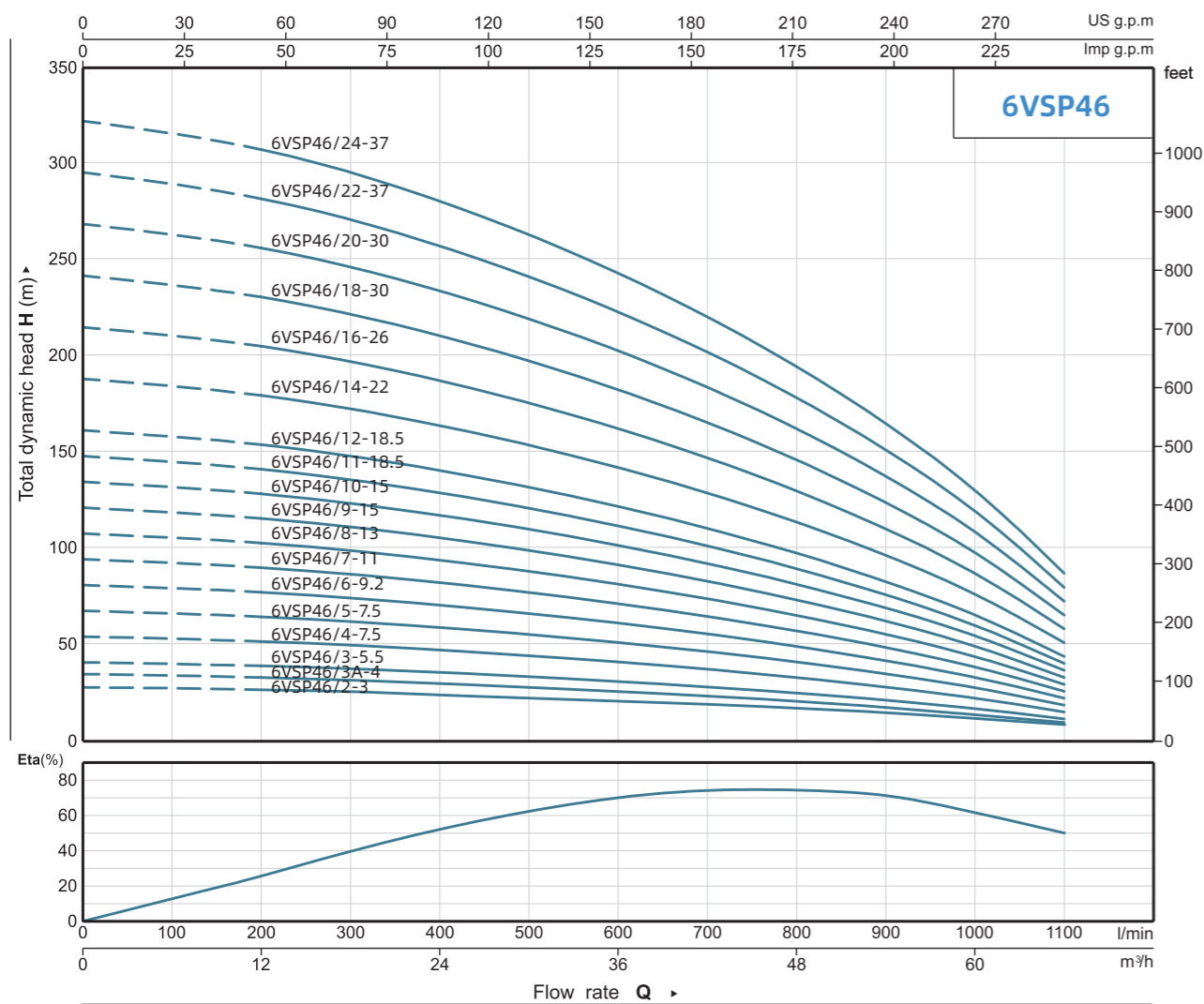


PERFORMANCE DATA 50Hz

MODEL 3~ 380 - 415V	P ₂		DELIVERY n≈2850 1/min									
	kW	HP	Q m³/h l/min	H(m)								
				0	6	12	18	24	30	36	42	
6VSP30/2-2.2	2.2	3	23	22	21	19	18	15	11	7		
6VSP30/3-3	3	4	34	33	31	29	27	23	17	11		
6VSP30/4-4	4	5.5	46	44	42	39	36	31	23	14		
6VSP30/5-5.5	5.5	7.5	57	56	53	48	44	38	29	18		
6VSP30/6-5.5	5.5	7.5	68	57	63	58	53	46	34	21		
6VSP30/7-7.5	7.5	10	80	78	74	68	62	54	40	25		
6VSP30/8-7.5	7.5	10	91	89	84	77	71	61	46	28		
6VSP30/10-9.2	9.2	12.5	114	111	105	96	89	76	57	35		
6VSP30/13-11	11	15	148	145	137	125	115	99	75	46		
6VSP30/15-13	13	17.5	171	167	158	145	133	115	86	53		
6VSP30/17-15	15	20	194	189	179	164	151	130	97	60		
6VSP30/20-18.5	18.5	25	228	222	210	193	178	153	115	71		
6VSP30/24-22	22	30	273	267	252	232	213	184	138	85		
6VSP30/26-26	26	35	296	289	273	251	231	199	149	92		
6VSP30/30-26	26	35	341	334	315	289	266	229	172	106		
6VSP30/32-30	30	40	364	356	336	309	284	245	184	113		
6VSP30/35-30	30	40	398	389	368	338	311	268	201	124		
6VSP30/38-37	37	50	433	422	399	367	338	291	218	134		
6VSP30/42-37	37	50	478	467	441	405	373	321	241	148		

PERFORMANCE DATA 50Hz

MODEL 3~ 380 - 415V	P ₂		DELIVERY n≈2850 1/min												
	kW	HP	Q m³/h l/min	H(m)											
				0	6	12	18	24	30	36	42	48	54		
6VSP36/2-3	3	4	27	26	25	24	23	21	19	16	14	10			
6VSP36/3-4	4	5.5	41	39	38	36	34	31	28	25	20	15			
6VSP36/4-5.5	5.5	7.5	54	53	51	48	45	42	38	33	27	20			
6VSP36/5-7.5	7.5	10	68	66	63	60	57	52	47	41	34	25			
6VSP36/6-7.5	7.5	10	81	79	76	73	68	62	56	49	41	30			
6VSP36/7-9.2	9.2	12.5	95	92	89	85	80	73	66	58	48	35			
6VSP36/8-11	11	15	108	105	102	97	91	83	75	66	54	40			
6VSP36/9-11	11	15	122	119	114	109	102	94	85	74	61	45			
6VSP36/10-13	13	17.5	135	132	127	121	114	104	94	82	68	50			
6VSP36/11-15	15	20	149	145	140	133	125	114	103	91	75	55			
6VSP36/12-15	15	20	162	158	152	145	136	125	113	99	82	60			
6VSP36/14-18.5	18.5	25	189	184	178	169	159	146	132	115	95	70			
6VSP36/15-18.5	18.5	25	203	198	190	181	170	156	141	123	102	75			
6VSP36/17-22	22	30	230	224	216	206	193	177	160	140	116	85			
6VSP36/18-22	22	30	243	237	229	218	205	187	169	148	122	90			
6VSP36/20-26	26	35	270	263	254	242	227	208	188	165	136	100			
6VSP36/22-30	30	40	297	290	279	266	250	229	207	181	150	110			
6VSP36/24-30	30	40	324	316	305	290	273	250	226	198	163	120			
6VSP36/26-37	37	50	351	342	330	315	296	270	244	214	177	130			
6VSP36/26-37	37	50	378	369	356	339	318	291	263	231	190	140			
6VSP36/30-37	37	50	405	395	381	363	341	312	282	247	204	150			



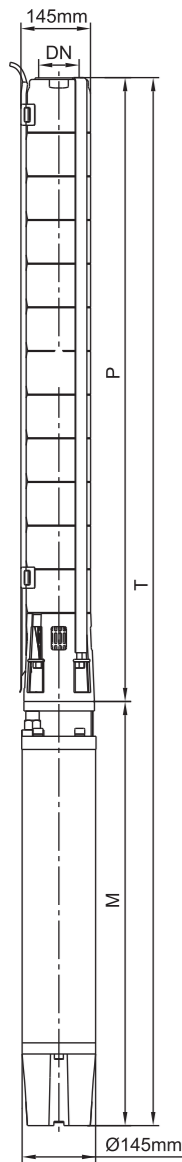
PERFORMANCE DATA 50Hz

MODEL 3~ 380 - 415V	P ₂		Q m³/h l/min	DELIVERY n≈2850 1/min												
	kW	HP		H(m)												
				0	6	12	18	24	30	36	42	48	54	60	66	
6VSP46/2-3	3	4	27	26	26	25	23	22	20	18	16	14	11	7		
6VSP46/3A-4	4	5.5	35	34	32	31	29	26	25	22	20	16	13	9		
6VSP46/3-5.5	5.5	7.5	40	39	38	37	35	32	30	27	24	21	16	11		
6VSP46/4-7.5	7.5	10	54	52	51	49	46	43	40	36	32	28	22	14		
6VSP46/5-7.5	7.5	10	67	65	64	61	58	54	50	45	40	34	27	18		
6VSP46/6-9.2	9.2	12.5	80	79	77	74	70	65	60	55	49	41	32	22		
6VSP46/7-11	11	15	94	92	90	86	81	76	70	64	57	48	38	25		
6VSP46/8-13	13	17.5	107	105	102	98	93	86	80	73	65	55	43	29		
6VSP46/9-15	15	20	121	118	115	111	104	97	90	82	73	62	49	32		
6VSP46/10-15	15	20	134	131	128	123	116	108	100	91	81	69	54	36		
6VSP46/11-18.5	18.5	25	147	144	141	135	128	119	110	100	89	76	59	40		
6VSP46/12-18.5	18.5	25	161	157	154	148	139	130	120	109	97	83	65	43		
6VSP46/14-22	22	30	188	183	179	172	162	151	140	127	113	97	76	50		
6VSP46/16-26	26	35	214	210	205	197	186	173	160	146	130	110	86	58		
6VSP46/18-30	30	40	241	236	230	221	209	194	180	164	146	124	97	65		
6VSP46/20-30	30	40	268	262	256	246	232	216	200	182	162	138	108	72		
6VSP46/22-37	37	50	295	288	281	270	255	237	220	200	178	152	119	79		
6VSP46/24-37	37	50	322	314	307	295	278	259	240	218	194	166	130	86		

PERFORMANCE DATA 50Hz

MODEL 3~ 380 - 415V	P ₂		Q m³/h l/min	DELIVERY n≈2850 1/min															
	kW	HP		H(m)															
				0	6	12	18	24	30	36	42	48	54	60	66	72	78		
6VSP60/2-4	4	5.5	28	28	28	27	26	24	22	21	19	18	16	14	11	8			
6VSP60/3-5.5	5.5	7.5	42	42	42	41	39	36	33	31	29	26	23	20	16	11			
6VSP60/4-7.5	7.5	10	56	56	56	55	52	48	44	41	38	35	31	26	21	15			
6VSP60/5-9.2	9.2	12.5	70	70	69	68	65	60	55	52	48	44	39	33	26	18			
6VSP60/6-11	11	15	84	84	83	82	78	72	66	62	58	53	47	40	31	22			
6VSP60/7-13	13	17.5	98	98	97	95	91	84	77	72	67	62	55	46	36	25			
6VSP60/8-15	15	20	112	112	111	109	104	96	89	83	77	71	63	53	42	29			
6VSP60/10-18.5	18.5	25	140	139	139	136	129	120	111	103	96	88	78	66	52	36			
6VSP60/12-22	22	30	168	167	167	164	155	144	133	124	116	106	94	80	62	44			
6VSP60/14-26	26	35	196	195	194	191	181	168	155	144	135	123	109	93	73	51			
6VSP60/16-30	30	40	224	223	222	218	207	192	177	165	154	141	125	106	83	58			
6VSP60/18-37	37	50	252	251	250	245	233	216	199	186	173	159	141	119	93	65			
6VSP60/20-37	37	50	280	279	278	273	259	240	221	206	193	176	159	135	110	80			

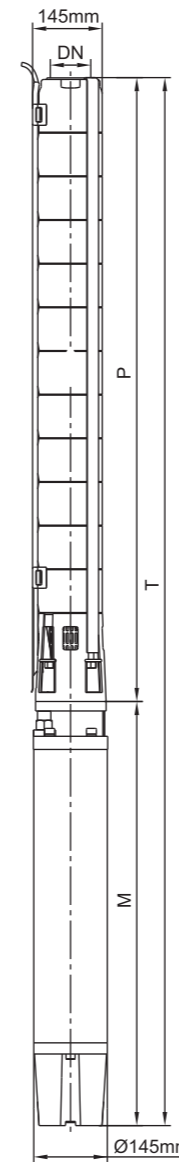
DIMENSION AND WEIGHT



MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
6VSP10/6-2.2	3"	602	454	1056	9.8	28.0	37.8
6VSP10/8-3	3"	712	489	1201	12.3	30.1	42.4
6VSP10/10-4	3"	822	524	1346	14.8	33.7	48.5
6VSP10/14-5.5	3"	1042	574	1616	19.7	39.9	59.6
6VSP10/18-7.5	3"	1262	639	1901	24.6	47.6	72.2
6VSP10/20-7.5	3"	1372	639	2011	27.1	47.6	74.7
6VSP10/24-9.2	3"	1592	699	2291	32.8	54.8	87.6
6VSP10/26-9.2	3"	1702	699	2401	35.7	54.8	90.5
6VSP10/28-11	3"	1812	764	2576	38.6	62.6	101.2
6VSP10/30-11	3"	1922	764	2686	41.5	62.6	104.1
6VSP10/34-13	3"	2142	824	2966	47.2	70.1	117.3
6VSP10/36-13	3"	2252	824	3076	50.1	70.1	120.2
6VSP10/38-15	3"	2362	884	3246	52.9	77.2	130.1
6VSP10/40-15	3"	2472	884	3356	55.8	77.2	133.0
6VSP10/43-18.5	3"	2637	909	3546	60.1	80.3	140.4
6VSP10/46-18.5	3"	2802	909	3711	64.4	80.3	144.7
6VSP10/49-18.5	3"	2967	909	3876	68.7	80.3	149.0
6VSP10/52-22	3"	3132	984	4116	73.0	89.5	162.5
6VSP10/55-22	3"	3297	984	4281	77.3	89.5	166.8
6VSP10/58-22	3"	3462	984	4446	81.6	89.5	171.1

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
6VSP18/3-2.2	3"	451	454	905	6.1	28.0	34.1
6VSP18/4-2.2	3"	492	454	946	7.3	28.0	35.3
6VSP18/5-3	3"	547	489	1036	8.6	30.1	38.7
6VSP18/7-4	3"	656	524	1180	11.0	33.7	44.7
6VSP18/8-5.5	3"	710	574	1284	12.3	39.9	52.2
6VSP18/10-7.5	3"	822	574	1396	14.8	39.9	54.7
6VSP18/12-7.5	3"	932	639	1571	17.6	47.6	65.2
6VSP18/14-7.5	3"	1042	639	1681	19.7	47.6	67.3
6VSP18/16-9.2	3"	1152	699	1851	22.2	54.8	77.0
6VSP18/18-11	3"	1262	764	2026	24.6	62.6	87.2
6VSP18/20-11	3"	1372	764	2136	27.1	62.6	89.7
6VSP18/22-13	3"	1482	824	2306	30.0	70.1	100.1
6VSP18/24-13	3"	1592	824	2416	32.8	70.1	102.9
6VSP18/28-15	3"	1812	884	2696	38.6	77.2	115.8
6VSP18/31-18.5	3"	1978	909	2887	42.9	80.3	123.2
6VSP18/35-18.5	3"	2198	909	3107	48.6	80.3	128.9
6VSP18/38-22	3"	2363	984	3347	52.9	89.5	142.4
6VSP18/44-26	3"	2692	1059	3751	61.5	99.2	160.7
6VSP18/50-26	3"	3022	1059	4081	70.2	99.2	169.4
6VSP18/53-30	3"	3186	1134	4320	74.5	107.8	182.3
6VSP18/58-30	3"	3462	1134	4596	81.6	107.8	189.4

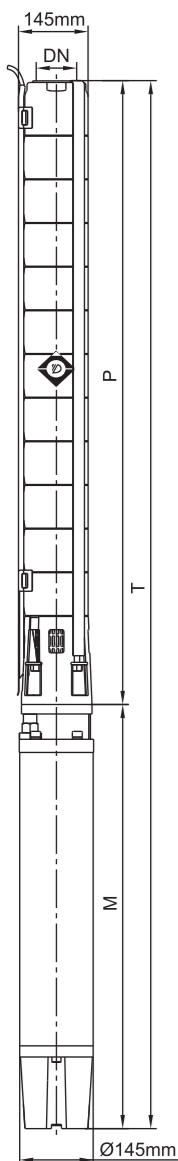
DIMENSION AND WEIGHT



MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
6VSP30/2-2.2	3"/4"	464	454	918	7.5	28.0	35.5
6VSP30/3-3	3"/4"	560	489	1049	9.3	30.1	39.4
6VSP30/4-4	3"/4"	656	524	1180	11.1	33.7	44.8
6VSP30/5-5.5	3"/4"	752	574	1326	12.9	39.9	52.8
6VSP30/6-5.5	3"/4"	848	574	1422	14.7	39.9	54.6
6VSP30/7-7.5	3"/4"	944	639	1583	16.5	47.6	64.1
6VSP30/8-7.5	3"/4"	1040	639	1679	18.3	47.6	65.9
6VSP30/10-9.2	3"/4"	1232	699	1931	22.1	54.8	76.9
6VSP30/13-11	3"/4"	1520	764	2284	28.1	62.6	90.7
6VSP30/15-13	3"/4"	1712	824	2536	32.1	70.1	102.2
6VSP30/17-15	3"/4"	1904	884	2788	36.1	77.2	113.3
6VSP30/20-18.5	3"/4"	2192	909	3101	42.5	80.3	122.8
6VSP30/24-22	3"/4"	2576	984	3560	51.3	89.5	140.8
6VSP30/26-26	3"/4"	2768	1059	3827	55.9	99.2	155.1
6VSP30/30-26	3"/4"	3152	1059	4211	63.7	99.2	162.9
6VSP30/32-30	3"/4"	3344	1134	4478	67.7	107.8	175.5
6VSP30/35-30	3"/4"	3536	1134	4670	73.7	107.8	181.5
6VSP30/38-37	3"/4"	3632	1208	4840	80.1	117.3	197.4
6VSP30/42-37	3"/4"	4016	1208	5224	86.1	117.3	203.4

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
6VSP36/2-3	3"/4"	464	489	953	7.5	30.1	37.6
6VSP36/3-4	3"/4"	560	524	1084	9.3	33.7	43.0
6VSP36/4-5.5	3"/4"	656	574	1230	11.1	39.9	51.0
6VSP36/5-7.5	3"/4"	752	639	1391	12.9	47.6	60.5
6VSP36/6-7.5	3"/4"	848	639	1487	14.7	47.6	62.3
6VSP36/7-9.2	3"/4"	944	699	1643	16.5	54.8	71.3
6VSP36/8-11	3"/4"	1040	764	1804	18.3	62.6	80.9
6VSP36/9-11	3"/4"	1136	764	1900	20.1	62.6	82.7
6VSP36/10-13	3"/4"	1232	824	2056	22.1	70.1	92.2
6VSP36/11-15	3"/4"	1328	884	2212	24.1	77.2	101.3
6VSP36/12-15	3"/4"	1424	884	2308	26.1	77.2	103.3
6VSP36/14-18.5	3"/4"	1616	909	2525	30.1	80.3	110.4
6VSP36/15-18.5	3"/4"	1712	909	2621	32.1	80.3	112.4
6VSP36/17-22	3"/4"	1904	984	2888	36.1	89.5	125.6
6VSP36/18-22	3"/4"	2000	984	2984	38.1	89.5	127.6
6VSP36/20-26	3"/4"	2192	1059	3251	42.5	99.2	141.7
6VSP36/22-30	3"/4"	2384	1134	3518	46.9	107.8	154.7
6VSP36/24-30	3"/4"	2576	1134	3710	51.3	107.8	159.1
6VSP36/26-37	3"/4"	2768	1208	3976	55.7	117.3	173.0
6VSP36/30-37	3"/4"	3152	1208	4360	68.9	117.3	186.2

DIMENSION AND WEIGHT



MODEL	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
3~ 380 - 415V							
6VSP46/2-3	3"/4"	498	489	987	8.6	30.1	38.7
6VSP46/3A-4	3"/4"	611	524	1135	10.6	33.7	44.3
6VSP46/3-5.5	3"/4"	611	574	1185	10.6	39.9	50.5
6VSP46/4-7.5	3"/4"	724	639	1363	12.6	47.6	60.2
6VSP46/5-7.5	3"/4"	837	639	1476	14.6	47.6	62.2
6VSP46/6-9.2	3"/4"	950	699	1649	16.6	54.8	71.4
6VSP46/7-11	3"/4"	1063	764	1767	18.6	62.6	81.2
6VSP46/8-13	3"/4"	1176	824	2000	20.8	70.1	90.9
6VSP46/9-15	3"/4"	1289	884	2173	23.0	77.2	100.2
6VSP46/10-15	3"/4"	1402	884	2286	25.2	77.2	102.4
6VSP46/11-18.5	3"/4"	1515	909	2424	27.4	80.3	107.7
6VSP46/12-18.5	3"/4"	1628	909	2537	29.6	80.3	109.9
6VSP46/14-22	3"/4"	1854	984	2838	34.0	89.5	123.5
6VSP46/16-26	3"/4"	2080	1059	3139	38.4	99.2	137.6
6VSP46/18-30	3"/4"	2306	1134	3440	40.6	107.8	148.4
6VSP46/20-30	3"/4"	2532	1134	3666	42.8	107.8	150.6
6VSP46/22-37	3"/4"	2758	1208	3966	47.2	117.3	164.5
6VSP46/24-37	3"/4"	2984	1208	4192	51.6	117.3	168.9

MODEL	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
3~ 380 - 415V							
6VSP60/2-4	3"/4"	498	524	1022	8.6	33.7	42.3
6VSP60/3-5.5	3"/4"	611	574	1185	10.6	39.9	50.5
6VSP60/4-7.5	3"/4"	724	639	1363	12.6	47.6	60.2
6VSP60/5-9.2	3"/4"	837	699	1536	14.6	54.8	69.4
6VSP60/6-11	3"/4"	950	764	1714	16.6	62.6	79.2
6VSP60/7-13	3"/4"	1063	824	1887	18.6	70.1	88.7
6VSP60/8-15	3"/4"	1176	884	2060	20.8	77.2	98.0
6VSP60/10-18.5	3"/4"	1420	909	2329	25.2	80.3	105.5
6VSP60/12-22	3"/4"	1628	984	2612	29.6	89.5	119.1
6VSP60/14-26	3"/4"	1854	1059	2913	34.0	99.2	133.2
6VSP60/16-30	3"/4"	2080	1134	3214	38.4	107.8	146.2
6VSP60/18-37	3"/4"	2306	1208	3514	42.8	117.3	160.1
6VSP60/20-37	3"/4"	2532	1208	3740	45.0	117.3	162.3

6VSR

Applications

For water supply from wells or reservoirs
 For domestic use, for civil and industrial applications
 For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +35°C
 Maximum sand content: 0.25%
 Minimum well diameter: 6"

Motor and Pump

Rewindable motor

Three-phase: 380 - 415V/50Hz

- ① Direct start (1 cable)
- ② Star-delta start (2 cables)

NEMA dimension standards
 Curve tolerance according to ISO 9906

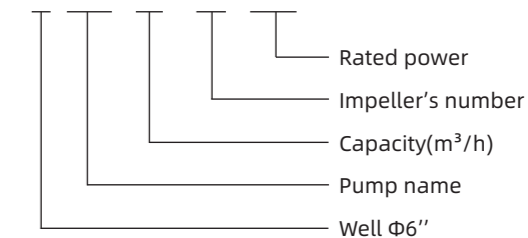
Options on request

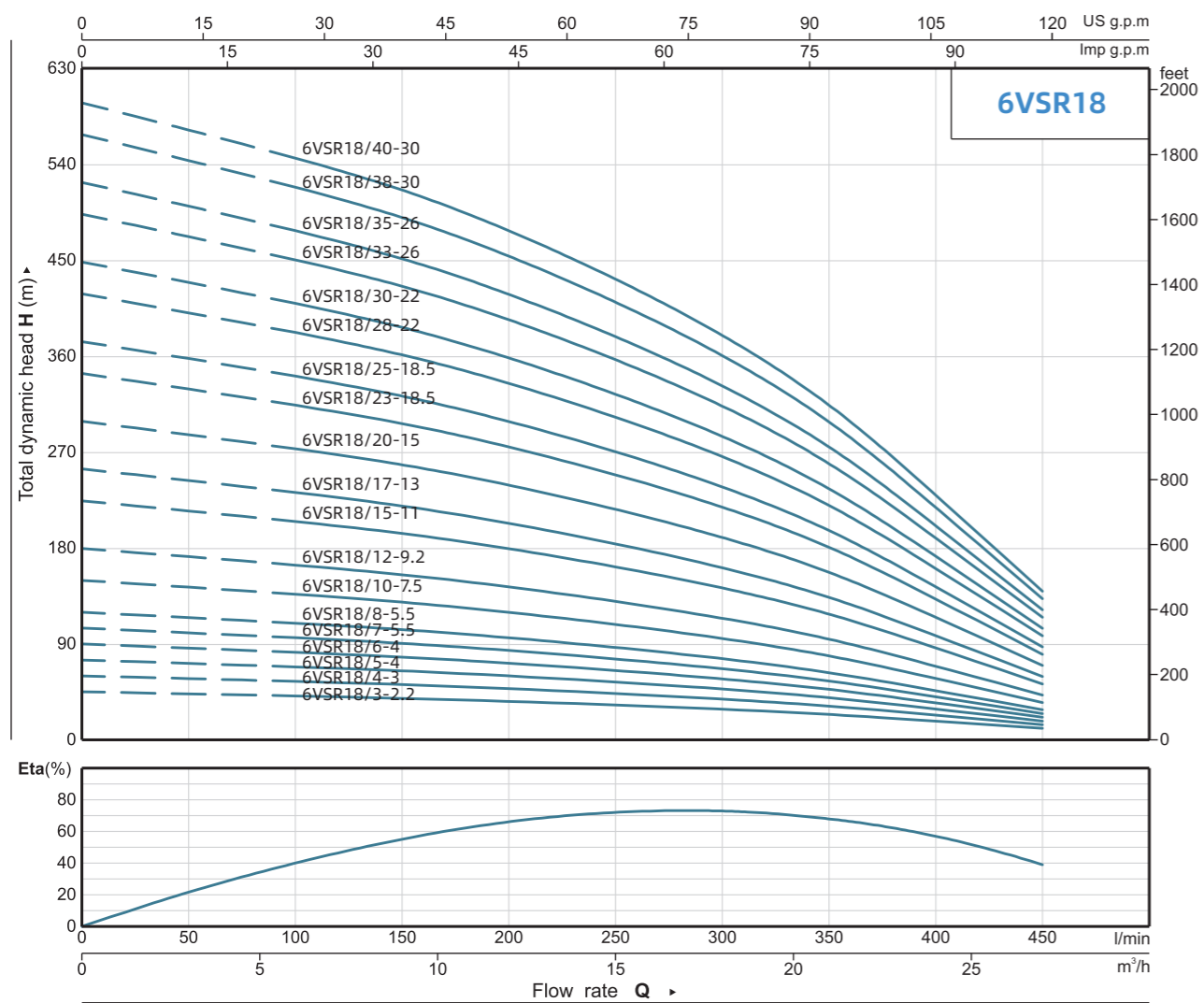
Special mechanical seal
 Other voltages or frequency 60Hz



Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron ASTM N0.30
Suction lantern	Cast-iron ASTM N0.30
Diffuser	Plastic.PC & AISI 304 SS
Impeller	Plastic.PC
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM N0.30
Bottom support	Cast-iron ASTM N0.30
Seal	NBR Graphite-SIC/TC
Shaft	AISI 304 SS-ASTM 5140

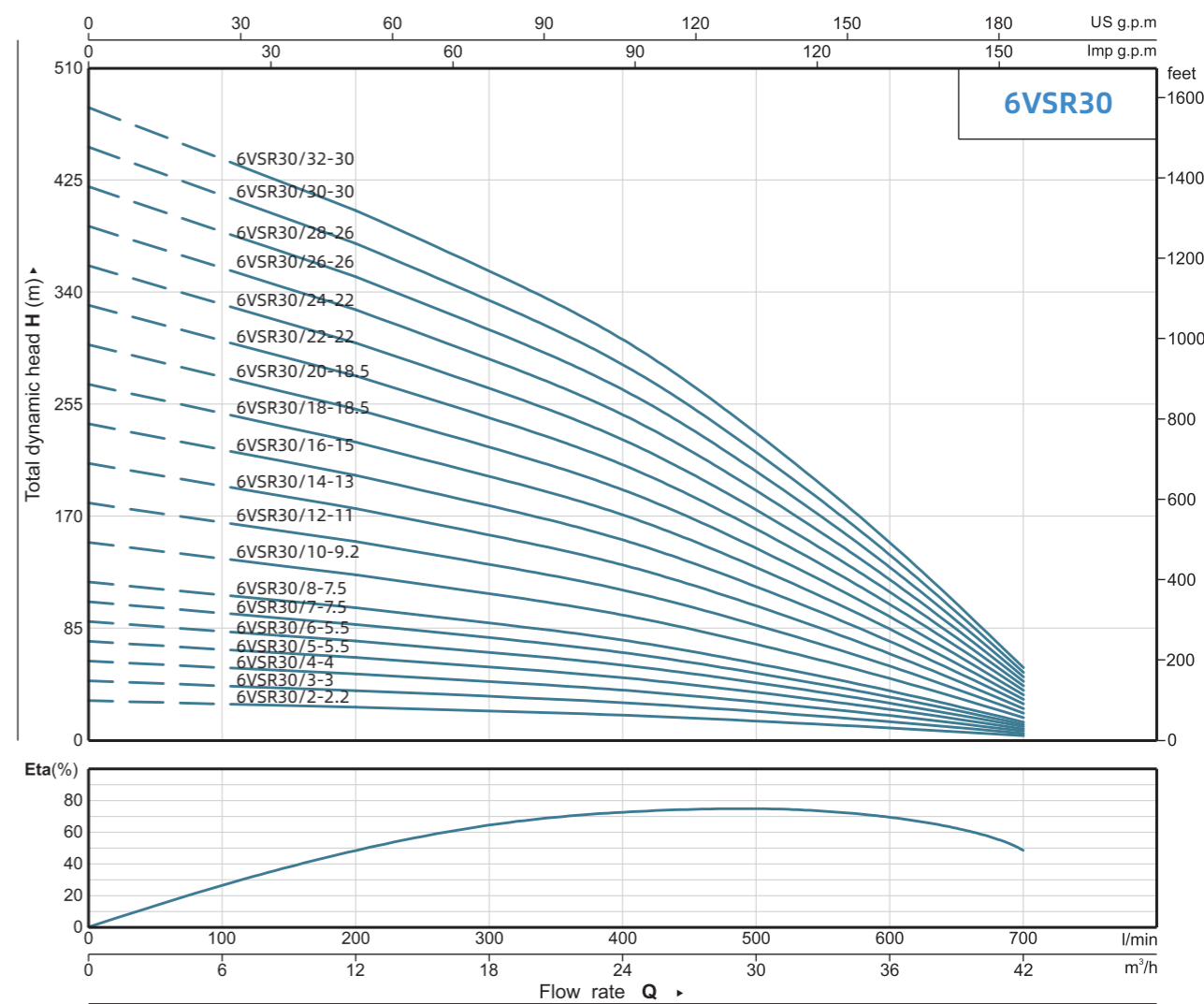
6 VSR 18 / 3 - 2.2





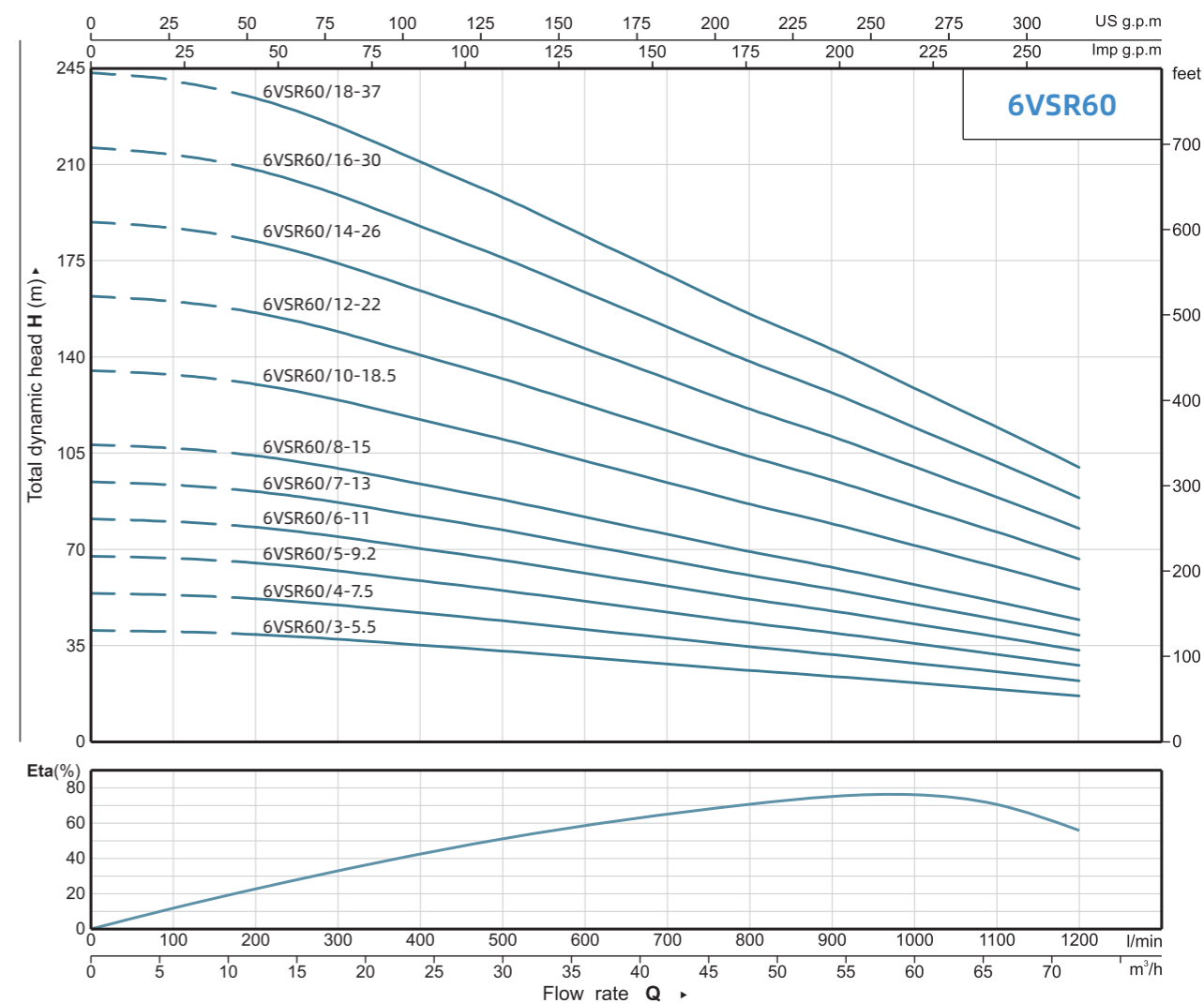
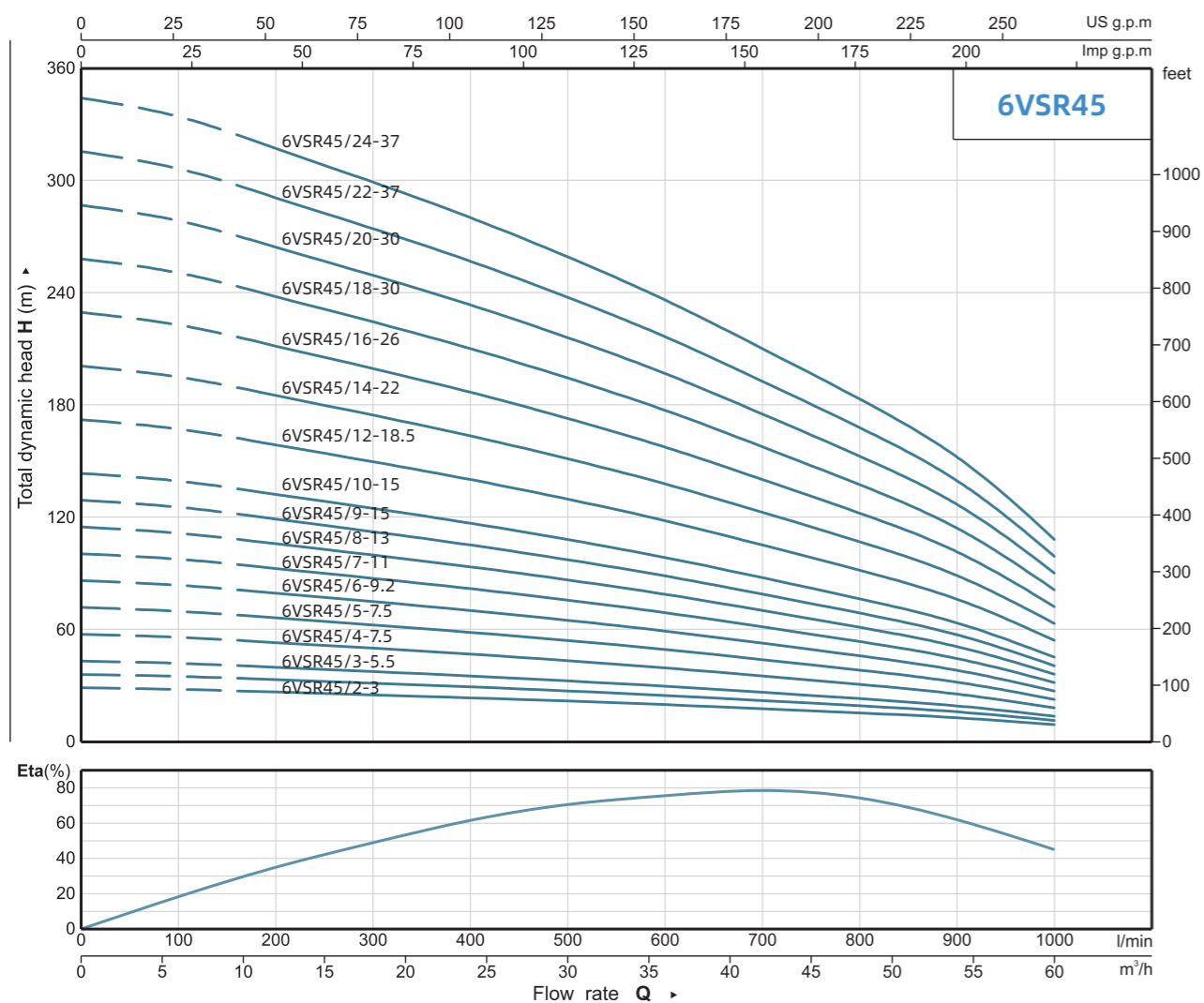
PERFORMANCE DATA 50Hz

MODEL 3~ 380 - 415V	P ₂		DELIVERY n≈2850 1/min													
	kW	HP	Q m ³ /h l/min	H(m)												
				0	3	6	9	12	15	18	21	24	27			
6VSR18/3-2.2	2.2	3	45	43	41	39	36	32	28	24	17	10				
6VSR18/4-3	3	4	60	57	54	51	48	43	38	31	23	14				
6VSR18/5-4	4	5.5	75	71	68	64	60	54	47	39	29	17				
6VSR18/6-4	4	5.5	90	86	82	77	72	65	57	47	34	21				
6VSR18/7-5.5	5.5	7.5	105	100	95	90	84	76	66	55	40	24				
6VSR18/8-5.5	5.5	7.5	119	114	109	103	95	86	76	63	46	28				
6VSR18/10-7.5	7.5	10	149	143	136	129	119	108	95	78	57	35				
6VSR18/12-9.2	9.2	12.5	179	172	164	155	143	130	114	94	69	42				
6VSR18/15-11	11	15	224	214	205	193	179	162	142	118	86	52				
6VSR18/17-13	13	17.5	254	243	232	219	203	184	161	133	97	59				
6VSR18/20-15	15	20	299	286	273	258	239	216	190	157	115	70				
6VSR18/23-18.5	18.5	25	343	329	314	296	274	248	218	180	132	80				
6VSR18/25-18.5	18.5	25	373	357	341	322	298	270	237	193	143	87				
6VSR18/28-22	22	30	418	400	382	361	334	302	265	220	160	97				
6VSR18/30-22	22	30	448	429	409	384	358	324	284	235	172	104				
6VSR18/33-26	26	35	493	472	450	425	394	356	313	259	189	115				
6VSR18/35-26	26	35	523	500	477	451	418	378	332	274	200	122				
6VSR18/38-30	30	40	567	543	518	490	453	410	360	298	218	132				
6VSR18/40-30	30	40	597	572	545	515	477	432	379	314	229	139				



PERFORMANCE DATA 50Hz

MODEL 3~ 380 - 415V	P ₂		DELIVERY n≈2850 1/min									
	kW	HP	Q m ³ /h l/min	H(m)								
				0	6	12	18	24	30	36	42	
6VSR30/2-2.2	2.2	3	30	28	25	22	19	15	9	3		
6VSR30/3-3	3	4	45	41	38	33	29	22	14	5		
6VSR30/4-4	4	5.5	60	55	50	45	38	29	19	7		
6VSR30/5-5.5	5.5	7.5	75	69	63	56	48	36	23	9		
6VSR30/6-5.5	5.5	7.5	90	83	75	67	57	44	28	10		
6VSR30/7-7.5	7.5	10	105	96	88	78	67	51	33	12		
6VSR30/8-7.5	7.5	10	120	110	101	89	76	58	38	14		
6VSR30/10-9.2	9.2	12.5	150	138	126	111	95	73	47	17		
6VSR30/12-11	11	15	180	165	151	134	114	87	56	21		
6VSR30/14-13	13	17.5	210	193	176	156	133	102	66	24		
6VSR30/16-15	15	20	240	221	201	178	152	117	75	28		
6VSR30/18-18.5	18.5	25	270	248	226	200	171	131	84	31		
6VSR30/20-18.5	18.5	25	300	276	251	223	190	146	94	34		
6VSR30/22-22	22	30	330	303	276	245	209	160	103	38		
6VSR30/24-22	22	30	360	331	302	267	228	175	113	41		
6VSR30/26-26	26	35	390	358	327	289	247	189	122	45		
6VSR30/28-26	26	35	420	386	352	312	266	204	131	48		
6VSR30/30-30	30	40	450	413	377	334	285	218	141	52		
6VSR30/32-30	30	40	480	441	402	356	304	233	150	55		



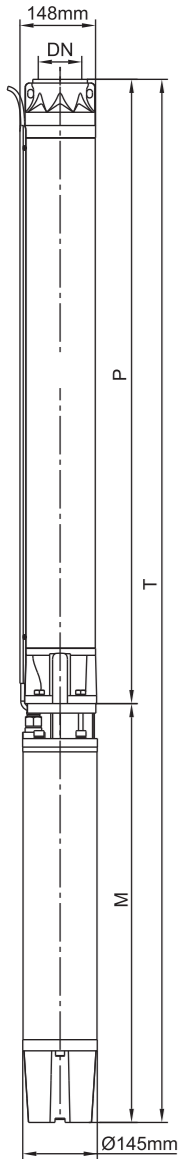
PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min												
	kW	HP	Q m ³ /h l/min	H(m)											
				0	6	12	18	24	30	36	42	48	54	60	
3~ 380 - 415V				0	100	200	300	400	500	600	700	800	900	1000	
6VSR45/2-3	3	4		29	28	26	24	22	21	19	17	15	13	9	
6VSR45/3A-4	4	5.5		36	35	32	30	28	26	24	22	19	16	11	
6VSR45/3-5.5	5.5	7.5		43	41	39	36	34	31	29	26	23	19	13	
6VSR45/4-7.5	7.5	10		57	55	52	49	45	42	39	35	31	25	18	
6VSR45/5-7.5	7.5	10		72	69	65	61	56	52	48	43	38	32	22	
6VSR45/6-9.2	9.2	12.5		86	83	78	73	67	63	58	52	46	38	27	
6VSR45/7-11	11	15		100	97	91	85	78	73	68	61	54	44	31	
6VSR45/8-13	13	17.5		115	111	104	97	89	84	77	69	61	51	36	
6VSR45/9-15	15	20		129	124	117	109	101	94	87	78	69	57	40	
6VSR45/10-15	15	20		143	138	130	121	112	105	97	87	77	63	45	
6VSR45/12-18.5	18.5	25		172	166	156	146	134	126	116	104	92	76	54	
6VSR45/14-22	22	30		200	193	182	170	157	147	136	122	108	88	63	
6VSR45/16-26	26	35		229	221	208	194	179	168	155	139	123	101	72	
6VSR45/18-30	30	40		258	249	234	218	201	189	174	156	138	114	81	
6VSR45/20-30	30	40		286	276	260	243	224	210	194	174	154	126	90	
6VSR45/22-37	37	50		315	304	286	267	246	231	213	191	169	139	99	
6VSR45/24-37	37	50		344	332	312	291	268	252	232	208	184	152	108	

PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min													
	kW	HP	Q m ³ /h l/min	H(m)												
				0	6	12	18	24	30	36	42	48	54	60	66	72
3~ 380 - 415V				0	100	200	300	400	500	600	700	800	900	1000	1100	1200
6VSR60/3-5.5	5.5	7.5		41	40	39	37	35	33	31	28	26	24	21	19	17
6VSR60/4-7.5	7.5	10		54	53	52	50	47	44	41	38	35	32	29	26	22
6VSR60/5-9.2	9.2	12.5		68	67	65	62	59	55	51	47	43	40	36	32	28
6VSR60/6-11	11	15		81	80	78	75	70	66	61	57	52	48	43	38	33
6VSR60/7-13	13	17.5		95	93	91	87	82	77	72	66	61	56	50	45	39
6VSR60/8-15	15	20		108	107	104	100	94	88	82	76	69	64	57	51	44
6VSR60/10-18.5	18.5	25		135	133	130	124	117	110	102	94	87	79	72	64	56
6VSR60/12-22	22	30		162	160	156	149	141	132	123	113	104	95	86	77	67
6VSR60/14-26	26	35		189	187	182	174	164	154	143	132	121	111	100	89	78
6VSR60/16-30	30	40		216	213	208	199	188	176	164	151	139	127	115	102	89
6VSR60/18-37	37	50		243	240	234	224	211	198	184	170	156	143	129	115	100

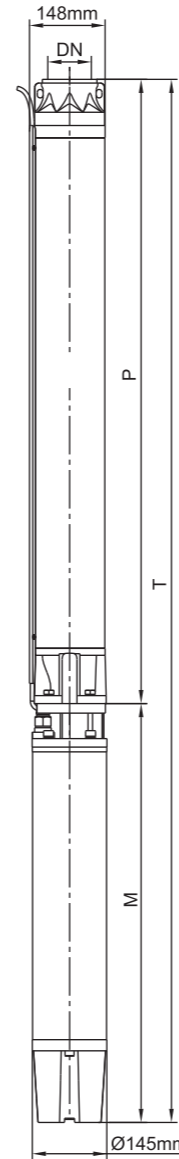
DIMENSION AND WEIGHT



MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
6VSR18/3-2.2	2½"/3"	534	453	987	12.9	28.0	40.9
6VSR18/4-3	2½"/3"	579	488	1067	13.7	30.1	43.8
6VSR18/5-4	2½"/3"	624	523	1147	14.5	33.7	48.2
6VSR18/6-4	2½"/3"	669	523	1192	15.3	33.7	49.0
6VSR18/7-5.5	2½"/3"	714	573	1287	16.1	39.9	56.0
6VSR18/8-5.5	2½"/3"	759	573	1332	16.9	39.9	56.8
6VSR18/10-7.5	2½"/3"	849	638	1487	18.5	47.6	66.1
6VSR18/12-9.2	2½"/3"	938	698	1636	20.1	54.8	74.9
6VSR18/15-11	2½"/3"	1145	763	1908	23.1	62.6	85.7
6VSR18/17-13	2½"/3"	1235	823	2058	24.7	70.1	94.8
6VSR18/20-15	2½"/3"	1369	883	2252	27.1	77.2	104.3
6VSR18/23-18.5	2½"/3"	1504	908	2412	29.5	80.3	109.8
6VSR18/25-18.5	2½"/3"	1594	908	2502	31.1	80.3	111.4
6VSR18/28-22	2½"/3"	1801	983	2784	34.1	89.5	123.6
6VSR18/30-22	2½"/3"	1890	983	2873	35.7	89.5	125.2
6VSR18/33-26	2½"/3"	2025	1058	3083	38.1	99.2	137.3
6VSR18/35-26	2½"/3"	2115	1058	3173	39.7	99.2	138.9
6VSR18/38-30	2½"/3"	2250	1133	3383	42.1	107.8	149.9
6VSR18/40-30	2½"/3"	2411	1133	3544	44.3	107.8	152.1

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
6VSR30/2-2.2	3"/4"	507	453	960	12.8	28.0	40.8
6VSR30/3-3	3"/4"	561	488	1049	13.5	30.1	43.6
6VSR30/4-4	3"/4"	615	523	1138	14.2	33.7	47.9
6VSR30/5-5.5	3"/4"	669	573	1242	14.9	39.9	54.8
6VSR30/6-5.5	3"/4"	723	573	1296	15.6	39.9	55.5
6VSR30/7-7.5	3"/4"	777	638	1415	16.3	47.6	63.9
6VSR30/8-7.5	3"/4"	831	638	1469	17.0	47.6	64.6
6VSR30/10-9.2	3"/4"	939	698	1637	18.4	54.8	73.2
6VSR30/12-11	3"/4"	1118	763	1881	20.4	62.6	83.0
6VSR30/14-13	3"/4"	1226	823	2049	21.8	70.1	91.9
6VSR30/16-15	3"/4"	1334	883	2217	23.2	77.2	100.4
6VSR30/18-18.5	3"/4"	1442	908	2350	24.6	80.3	104.9
6VSR30/20-18.5	3"/4"	1549	908	2457	26.0	80.3	106.3
6VSR30/22-22	3"/4"	1657	983	2640	27.4	89.5	116.9
6VSR30/24-22	3"/4"	1837	983	2820	29.4	89.5	118.9
6VSR30/26-26	3"/4"	1945	1058	3003	30.8	99.2	130.0
6VSR30/28-26	3"/4"	2053	1058	3111	32.2	99.2	131.4
6VSR30/30-30	3"/4"	2160	1133	3293	33.6	107.8	141.4
6VSR30/32-30	3"/4"	2268	1133	3401	35.0	107.8	142.8

DIMENSION AND WEIGHT



MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
6VSR45/2-3	3"/4"	583	488	1071	18.3	30.1	48.4
6VSR45/3A-4	3"/4"	675	523	1198	19.2	33.7	52.9
6VSR45/3-5.5	3"/4"	675	573	1248	19.2	39.9	59.1
6VSR45/4-7.5	3"/4"	767	638	1405	20.1	47.6	67.7
6VSR45/5-7.5	3"/4"	859	638	1497	21.0	47.6	68.6
6VSR45/6-9.2	3"/4"	951	698	1649	21.9	54.8	76.7
6VSR45/7-11	3"/4"	1115	763	1878	23.4	62.6	86.0
6VSR45/8-13	3"/4"	1207	823	2030	24.3	70.1	94.4
6VSR45/9-15	3"/4"	1299	883	2182	25.2	77.2	102.4
6VSR45/10-15	3"/4"	1390	883	2273	26.1	80.3	103.3
6VSR45/12-18.5	3"/4"	1574	908	2482	27.9	89.5	108.2
6VSR45/14-22	3"/4"	1830	983	2813	30.3	89.5	119.8
6VSR45/16-26	3"/4"	2014	1058	3072	32.1	99.2	131.3
6VSR45/18-30	3"/4"	2198	1133	3331	33.9	107.8	141.7
6VSR45/20-30	3"/4"	2453	1133	3586	36.3	107.8	144.1
6VSR45/22-37	3"/4"	2637	1208	3845	38.1	117.3	155.4
6VSR45/24-37	3"/4"	2821	1208	4029	39.9	117.3	157.2

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
6VSR60/3-5.5	3"/4"	718	573	1291	15.5	39.9	55.4
6VSR60/4-7.5	3"/4"	825	638	1463	16.5	47.6	64.1
6VSR60/5-9.2	3"/4"	931	698	1629	17.5	54.8	72.3
6VSR60/6-11	3"/4"	1109	763	1872	19.1	62.6	81.7
6VSR60/7-13	3"/4"	1216	823	2039	20.1	70.1	90.2
6VSR60/8-15	3"/4"	1322	883	2205	21.1	77.2	98.3
6VSR60/10-18.5	3"/4"	1534	908	2442	23.1	80.3	103.4
6VSR60/12-22	3"/4"	1819	983	2802	25.7	89.5	115.2
6VSR60/14-26	3"/4"	2032	1058	3090	27.7	99.2	126.9
6VSR60/16-30	3"/4"	2244	1133	3377	29.7	107.8	137.5
6VSR60/18-37	3"/4"	2529	1208	3737	32.3	117.3	149.6

8VSP

Applications

For water supply from wells or reservoirs
 For domestic use, for civil and industrial applications
 For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +50°C
 Maximum sand content: 0.25%
 Minimum well diameter: 8"

Motor and Pump

Rewindable motor
Three-phase: 380 - 415V/50Hz
 ①Direct start (1 cable)
 ②Star-delta start (2 cables)
NEMA dimension standards
 Curve tolerance according to ISO 9906

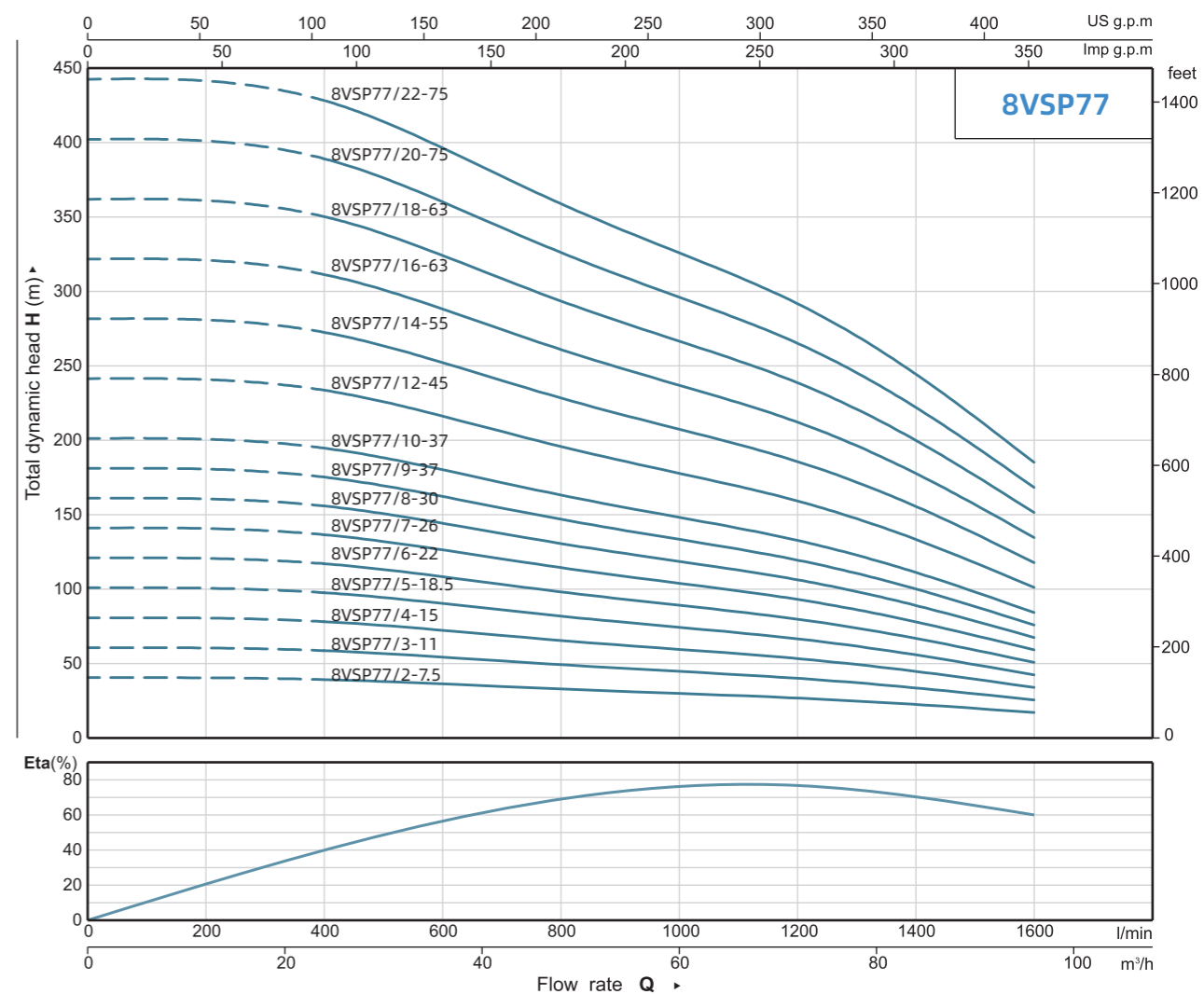
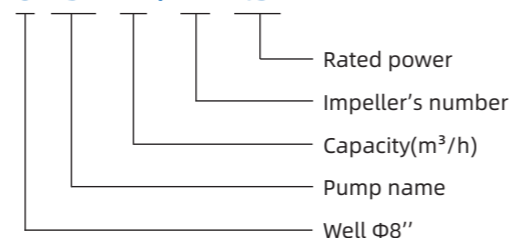
Options on request

Special mechanical seal
 Other voltages or frequency 60Hz



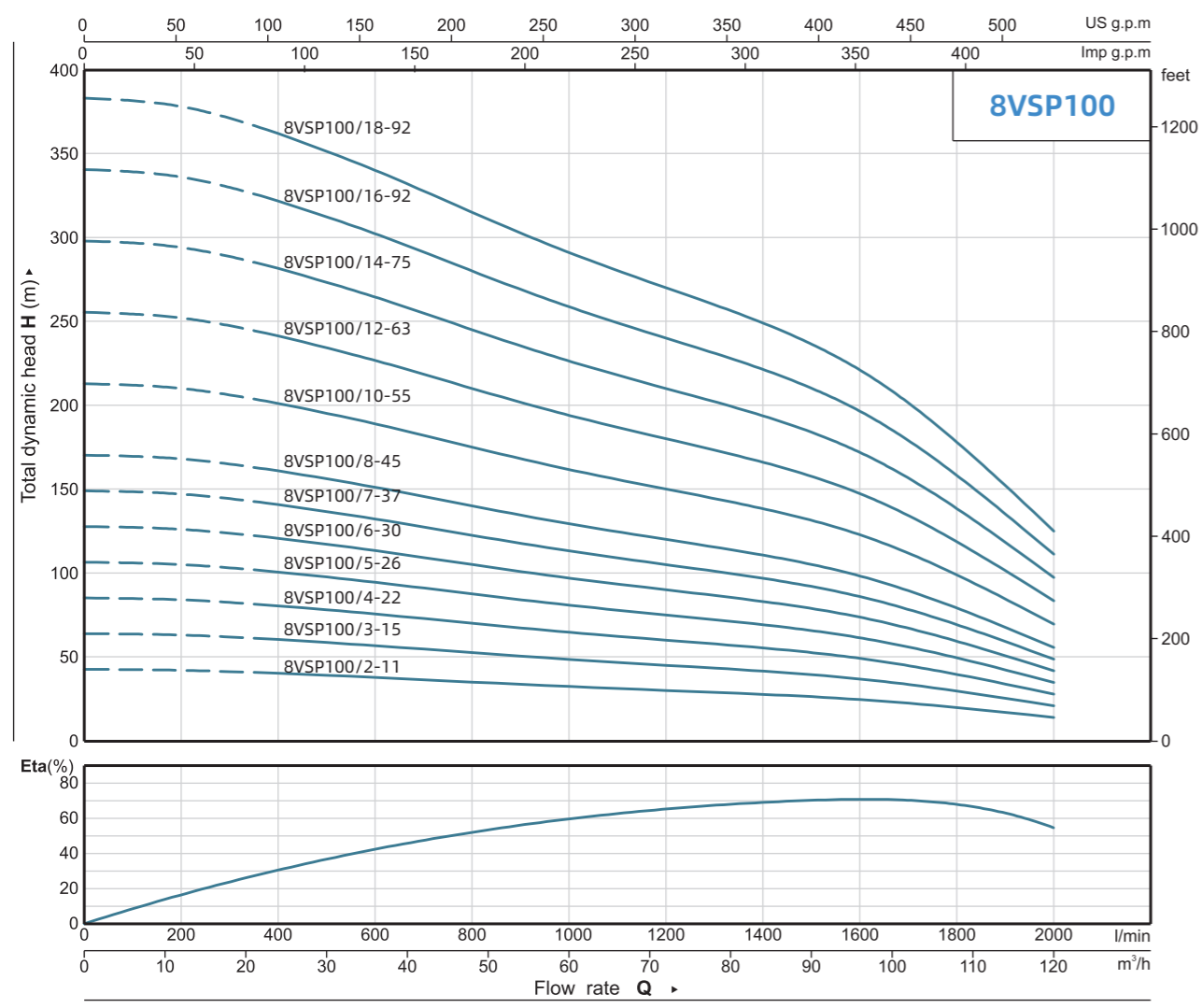
Components	Material
Delivery casing	①AISI 304 SS ②AISI 316 SS
Suction lantern	①AISI 304 SS ②AISI 316 SS
Diffuser	①AISI 304 SS ②AISI 316 SS
Impeller	①AISI 304 SS ②AISI 316 SS
Shaft	①AISI 431 SS ②AISI 316 SS
Shaft coupling	①AISI 304 SS ②AISI 316 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM N0.30
Bottom support	Cast-iron ASTM N0.30
Seal	NBR Graphite-SIC/TC
Shaft	AISI 304 SS-ASTM 5140

8 VSP 77/ 2 - 7.5



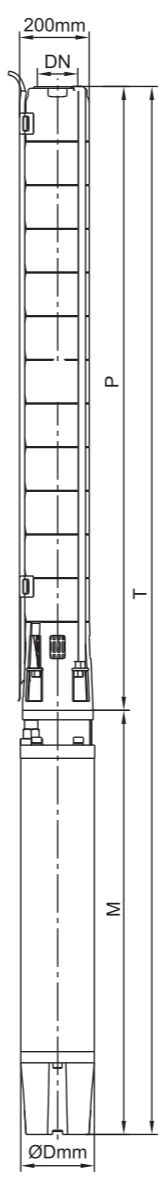
PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY											
	kW	HP	Q	n≈2850 1/min										
				0	12	24	36	48	60	72	84	96		
3~ 380 - 415V			m³/h l/min	0	200	400	600	800	1000	1200	1400	1600		
8VSP77/2-7.5	7.5	10	H(m)	40	40	39	36	33	30	26	22	17		
8VSP77/3-11	11	15		60	60	58	54	49	44	40	33	25		
8VSP77/4-15	15	20		80	80	78	72	65	59	53	44	34		
8VSP77/5-18.5	18.5	25		101	100	97	90	81	74	66	55	42		
8VSP77/6-22	22	30		121	120	117	108	98	89	79	67	50		
8VSP77/7-26	26	35		141	140	136	126	114	104	93	78	59		
8VSP77/8-30	30	40		161	160	156	144	130	118	106	89	67		
8VSP77/9-37	37	50		181	180	175	162	147	133	119	100	76		
8VSP77/10-37	37	50		201	201	195	180	163	148	133	111	84		
8VSP77/12-45	45	60		241	241	233	216	196	178	159	133	101		
8VSP77/14-55	55	75		281	281	272	252	228	207	186	155	118		
8VSP77/16-63	63	85		322	321	311	288	261	237	212	178	134		
8VSP77/18-63	63	85		362	361	350	324	293	266	239	200	151		
8VSP77/20-75	75	100		402	401	389	360	326	296	265	222	168		
8VSP77/22-75	75	100		442	441	428	396	359	326	291	244	185		



PERFORMANCE DATA 50Hz

MODEL 3~ 380 - 415V	P ₂		DELIVERY n≈2850 1/min																								
	kW	HP	Q m ³ /h l/min	0	12	24	36	48	60	72	84	96	108	120	0	200	400	600	800	1000	1200	1400	1600	1800	2000		
8VSP100/2-11	11	15		H(m)	43	42	40	38	35	32	30	28	25	20	14												
8VSP100/3-15	15	20	64		63	60	57	52	48	45	41	37	30	21													
8VSP100/4-22	22	30	85		84	80	76	70	65	60	55	49	40	28													
8VSP100/5-26	26	35	106		105	101	94	87	81	75	69	61	49	35													
8VSP100/6-30	30	40	128		126	121	113	105	97	90	83	74	59	42													
8VSP100/7-37	37	50	149		147	141	132	123	113	105	97	86	69	49													
8VSP100/8-45	45	60	170		168	161	151	140	130	120	111	98	79	56													
8VSP100/10-55	55	75	213		210	201	189	175	162	150	138	123	99	69													
8VSP100/12-63	63	85	255		252	242	227	210	194	180	166	147	119	83													
8VSP100/14-75	75	100	298		294	282	264	245	227	210	193	172	138	97													
8VSP100/16-92	92	125	340		336	322	302	280	259	240	221	196	158	111													
8VSP100/18-92	92	125	383		378	362	340	315	291	270	249	221	178	125													



DIMENSION AND WEIGHT

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)				WEIGHT(kg)		
		P	M	T	ØD	P	M	T
8VSP77/2-7.5	5"	637	654	1291	145	26.3	47.0	73.3
8VSP77/3-11	5"	765	754	1519	145	30.0	58.3	88.3
8VSP77/4-15	5"	893	854	1747	145	33.6	69.5	103.1
8VSP77/5-18.5	5"	1021	934	1955	145	37.3	80.9	118.2
8VSP77/6-22	5"	1149	1014	2163	145	40.9	91.6	132.5
8VSP77/7-26	5"	1277	1094	2371	145	44.6	102.3	146.9
8VSP77/8-30	5"	1405	1174	2579	145	48.2	113.0	161.2
8VSP77/9-37	5"	1534	1274	2808	145	51.9	126.4	178.3
8VSP77/10-37	5"	1661	1274	2935	145	55.5	126.4	181.9
8VSP77/12-45	5"	1917	1008	2925	192	62.8	159.0	221.8
8VSP77/14-55	5"	2173	1078	3251	192	70.1	180.0	250.1
8VSP77/16-63	5"	2429	1148	3577	192	77.4	195.0	272.4
8VSP77/18-63	5"	2685	1148	3833	192	84.7	195.0	279.7
8VSP77/20-75	5"	2941	1348	4289	192	92.0	221.0	313.0
8VSP77/22-75	5"	3197	1348	4545	192	99.3	221.0	320.3

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)				WEIGHT(kg)		
		P	M	T	ØD	P	M	T
8VSP100/2-11	5"	637	754	1391	145	26.4	58.3	84.7
8VSP100/3-15	5"	765	854	1619	145	30.1	69.5	99.6
8VSP100/4-22	5"	893	1014	1907	145	33.8	91.6	125.4
8VSP100/5-26	5"	1021	1094	2115	145	37.5	102.3	139.8
8VSP100/6-30	5"	1149	1174	2323	145	41.2	113.0	154.2
8VSP100/7-37	5"	1277	1274	2551	145	44.9	126.4	171.3
8VSP100/8-45	5"	1405	1008	2413	192	48.6	159.0	207.6
8VSP100/10-55	5"	1661	1078	2739	192	56.0	180.0	236.0
8VSP100/12-63	5"	1917	1078	2995	192	63.4	195.0	258.4
8VSP100/14-75	5"	2173	1384	3557	192	70.8	221.0	291.8
8VSP100/16-92	5"	2429	1548	3977	192	78.2	245.0	323.2
8VSP100/18-92	5"	2685	1548	4233	192	85.6	245.0	330.6

9VSP

Applications

For water supply from wells or reservoirs
 For domestic use, for civil and industrial applications
 For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +50°C
 Maximum sand content: 0.25%
 Minimum well diameter: 9"

Motor and Pump

Rewindable motor
Three-phase: 380 - 415V/50Hz
 ①Direct start (1 cable)
 ②Star-delta start (2 cables)
NEMA dimension standards
 Curve tolerance according to ISO 9906

Options on request

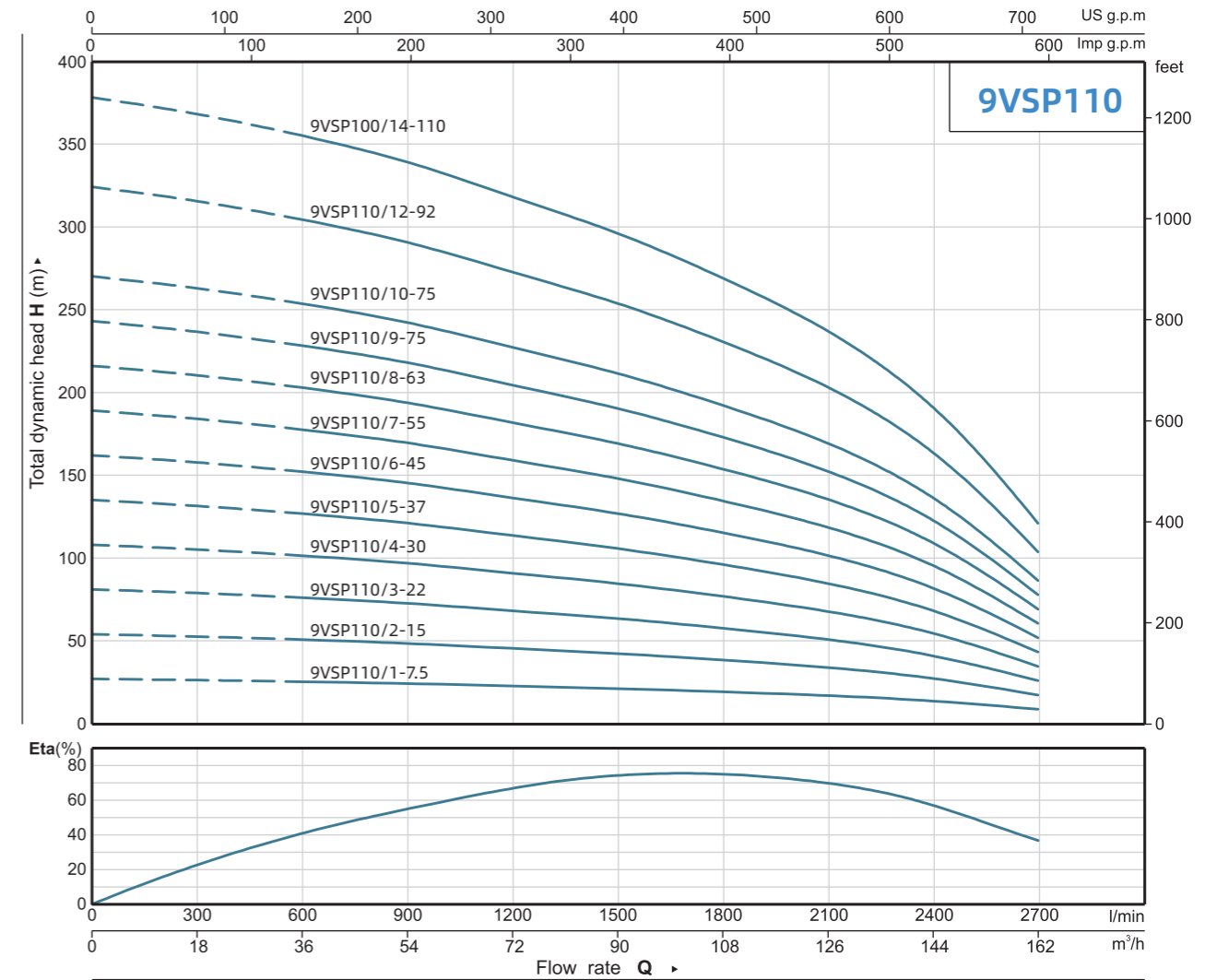
Special mechanical seal
 Other voltages or frequency 60Hz



9 VSP 110/ 1 - 7.5

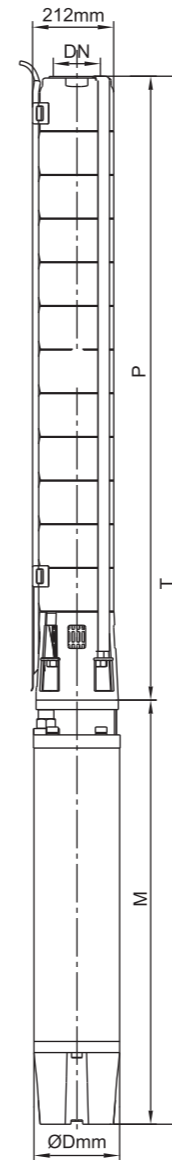
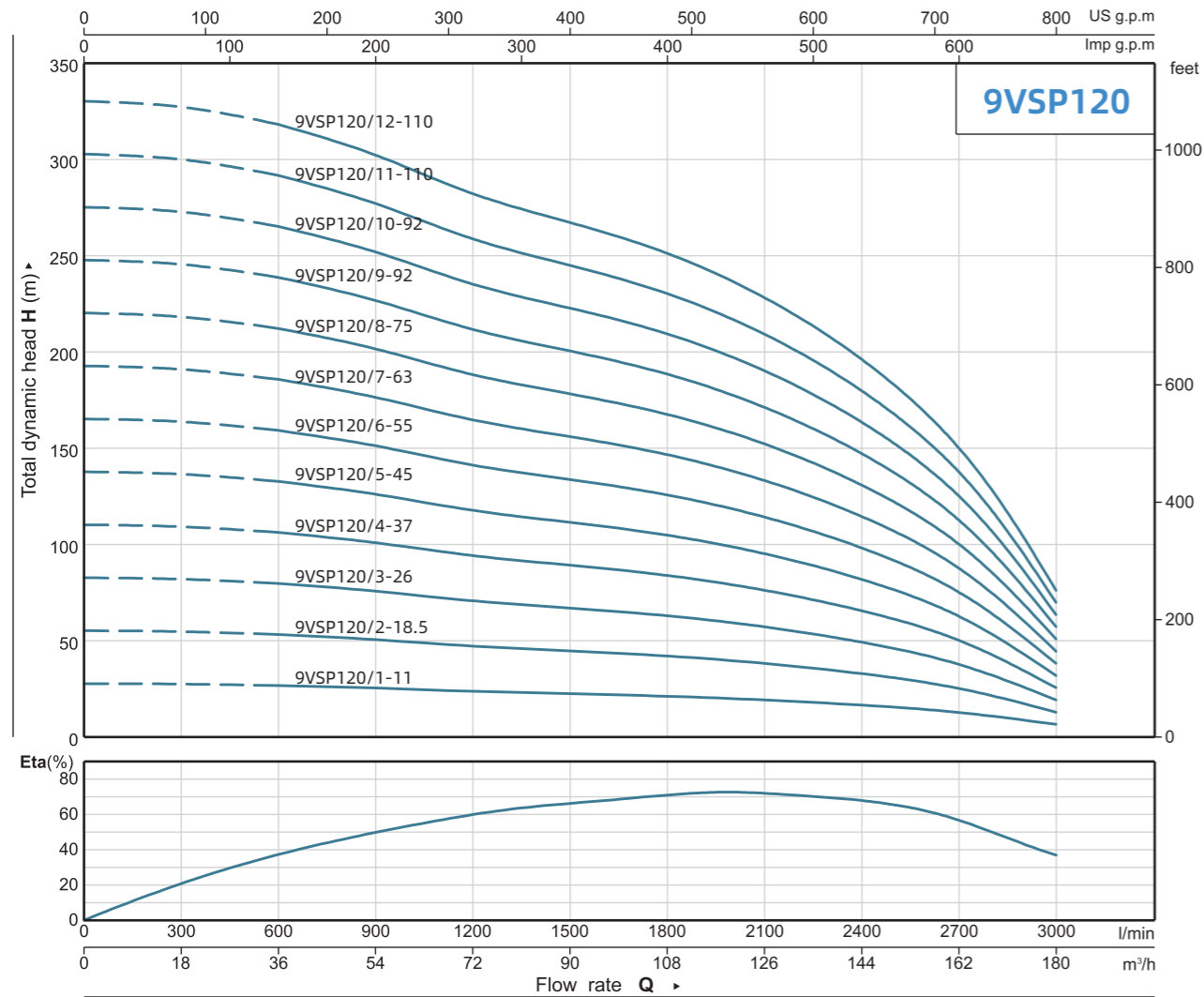
- Rated power
- Impeller's number
- Capacity(m³/h)
- Pump name
- Well Ø9"

Components	Material
Delivery casing	①AISI 304 SS ②AISI 316 SS
Suction lantern	①AISI 304 SS ②AISI 316 SS
Diffuser	①AISI 304 SS ②AISI 316 SS
Impeller	①AISI 304 SS ②AISI 316 SS
Shaft	①AISI 431 SS ②AISI 316 SS
Shaft coupling	①AISI 304 SS ②AISI 316 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM N0.30
Bottom support	Cast-iron ASTM N0.30
Seal	NBR Graphite-SiC/TC
Shaft	AISI 304 SS-ASTM 5140



PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY													
	3~380-415V	kW	HP	n≈2850 1/min												
				Q												
				m ³ /h	0	18	36	54	72	90	108	126	144	162		
				l/min	0	300	600	900	1200	1500	1800	2100	2400	2700		
9VSP100/1-7.5	7.5	10	H(m)		27	26	25	24	23	21	19	17	14	8		
9VSP100/2-15	15	20		54	53	51	49	45	42	39	34	28	17			
9VSP100/3-22	22	30		81	79	76	73	68	63	58	50	41	25			
9VSP100/4-30	30	40		108	105	102	97	91	84	77	67	55	33			
9VSP100/5-37	37	50		135	131	127	121	114	105	96	84	69	41			
9VSP100/6-45	45	60		162	158	153	146	136	126	116	101	83	50			
9VSP100/7-55	55	75		189	184	178	170	159	147	135	117	96	58			
9VSP100/8-63	63	85		216	210	204	194	182	169	154	134	110	66			
9VSP100/9-75	75	100		243	237	229	219	204	190	174	151	124	75			
9VSP100/10-75	75	100		270	263	255	243	227	211	193	168	138	83			
9VSP100/12-92	92	125		324	315	306	291	273	253	231	201	165	99			
9VSP100/14-110	110	150		378	368	357	340	318	295	270	235	193	116			



DIMENSION AND WEIGHT

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)				WEIGHT(kg)		
		P	M	T	ØD	P	M	T
9VSP100/1-7.5	5"	580	654	1234	145	21.1	47.0	68.1
9VSP100/2-15	5"	719	854	1573	145	26.7	69.5	96.2
9VSP100/3-22	5"	858	1014	1872	145	32.2	91.6	123.8
9VSP100/4-30	5"	997	1174	2171	145	37.8	113.0	150.8
9VSP100/5-37	5"	1136	1274	2410	145	43.3	126.4	169.7
9VSP100/6-45	5"	1275	1008	2283	192	48.9	159.0	207.9
9VSP100/7-55	5"	1414	1078	2492	192	54.4	180.0	234.4
9VSP100/8-63	5"	1553	1148	2701	192	60.0	195.0	255.0
9VSP100/9-75	5"	1692	1348	3040	192	65.5	221.0	286.5
9VSP100/10-75	5"	1831	1348	3179	192	71.1	221.0	292.1
9VSP100/12-92	5"	2109	1500	3609	192	82.2	241.0	323.2
9VSP100/14-110	5"	2387	1650	4037	192	93.3	255.0	348.3

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)				WEIGHT(kg)		
		P	M	T	ØD	P	M	T
9VSP120/1-11	5"	579	754	1333	145	21.1	58.3	79.4
9VSP120/2-18.5	5"	717	934	1651	145	26.7	80.5	107.2
9VSP120/3-26	5"	855	1094	1949	145	32.2	102.3	134.5
9VSP120/4-37	5"	993	1274	2267	145	37.8	126.4	164.2
9VSP120/5-45	5"	1131	1008	2139	192	43.3	159.0	202.3
9VSP120/6-55	5"	1269	1078	2347	192	48.9	180.0	228.9
9VSP120/7-63	5"	1407	1148	2555	192	54.4	195.0	249.4
9VSP120/8-75	5"	1545	1348	2893	192	60.0	251.9	311.9
9VSP120/9-92	5"	1683	1692	3375	192	65.5	241.0	306.5
9VSP120/10-92	5"	1821	1831	3652	192	71.1	241.0	312.1
9VSP120/11-110	5"	1959	1970	3929	192	76.6	255.0	331.6
9VSP120/12-110	5"	2097	2109	4206	192	82.2	255.0	337.2

PERFORMANCE DATA 50Hz

MODEL 3~ 380 - 415V	P ₂		DELIVERY n≈2850 1/min												
	kW	HP	Q	0	18	36	54	72	90	108	126	144	162	180	
			m ³ /h	0	300	600	900	1200	1500	1800	2100	2400	2700	3000	
9VSP120/1-11	11	15	H(m)	27	27	26	25	23	22	21	19	16	12	6	
9VSP120/2-18.5	18.5	25		55	54	53	50	47	44	42	38	33	25	13	
9VSP120/3-26	26	35		82	82	79	75	70	67	63	57	49	37	19	
9VSP120/4-37	37	50		110	109	106	101	94	89	84	76	65	50	25	
9VSP120/5-45	45	60		138	136	132	126	117	111	105	95	82	62	32	
9VSP120/6-55	55	75		165	163	159	151	141	133	125	114	98	75	38	
9VSP120/7-63	63	85		193	191	185	176	164	156	146	133	114	87	44	
9VSP120/8-75	75	100		220	218	212	201	188	178	167	152	131	100	51	
9VSP120/9-92	92	125		248	245	238	226	211	200	188	171	147	112	57	
9VSP120/10-92	92	125		275	272	265	252	235	222	209	190	163	125	63	
9VSP120/11-110	110	150		303	300	291	277	258	245	230	209	180	137	70	
9VSP120/12-110	110	150		330	327	318	302	282	267	251	228	196	150	76	

10VSP

Applications

For water supply from wells or reservoirs
 For domestic use, for civil and industrial applications
 For garden use and irrigation

Operating conditions

Maximum fluid temperature up to +50°C
 Maximum sand content: 0.25%
 Minimum well diameter: 10"

Motor and Pump

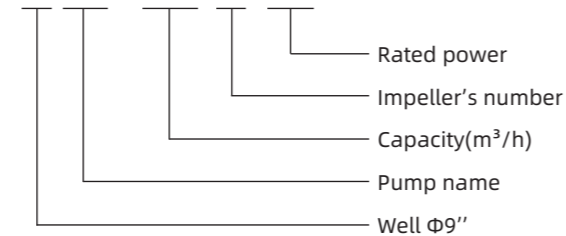
Rewindable motor
Three-phase: 380 - 415V/50Hz
 ①Direct start (1 cable)
 ②Star-delta start (2 cables)
NEMA dimension standards
 Curve tolerance according to ISO 9906

Options on request

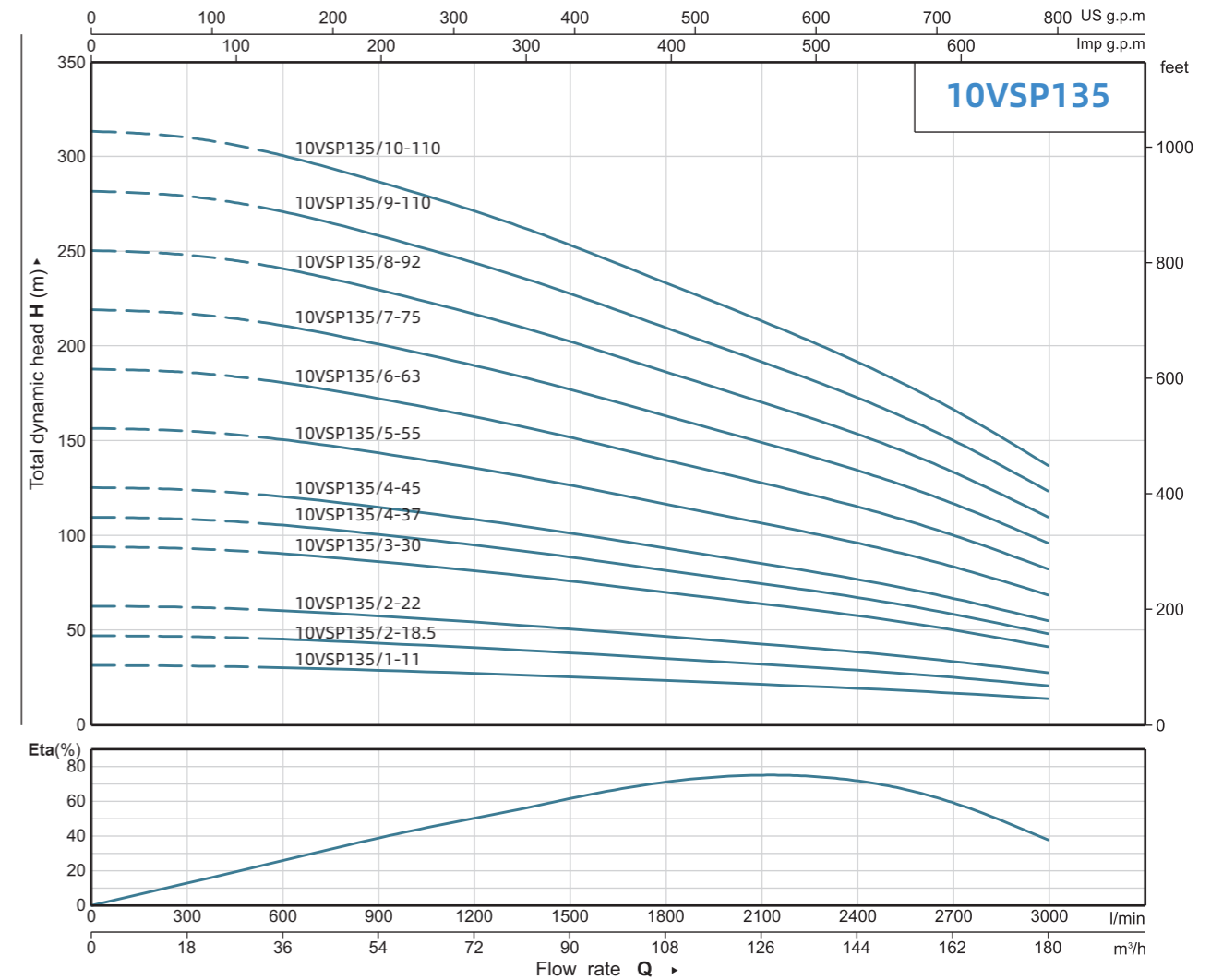
Special mechanical seal
 Other voltages or frequency 60Hz



10 VSP 135/ 1 - 11

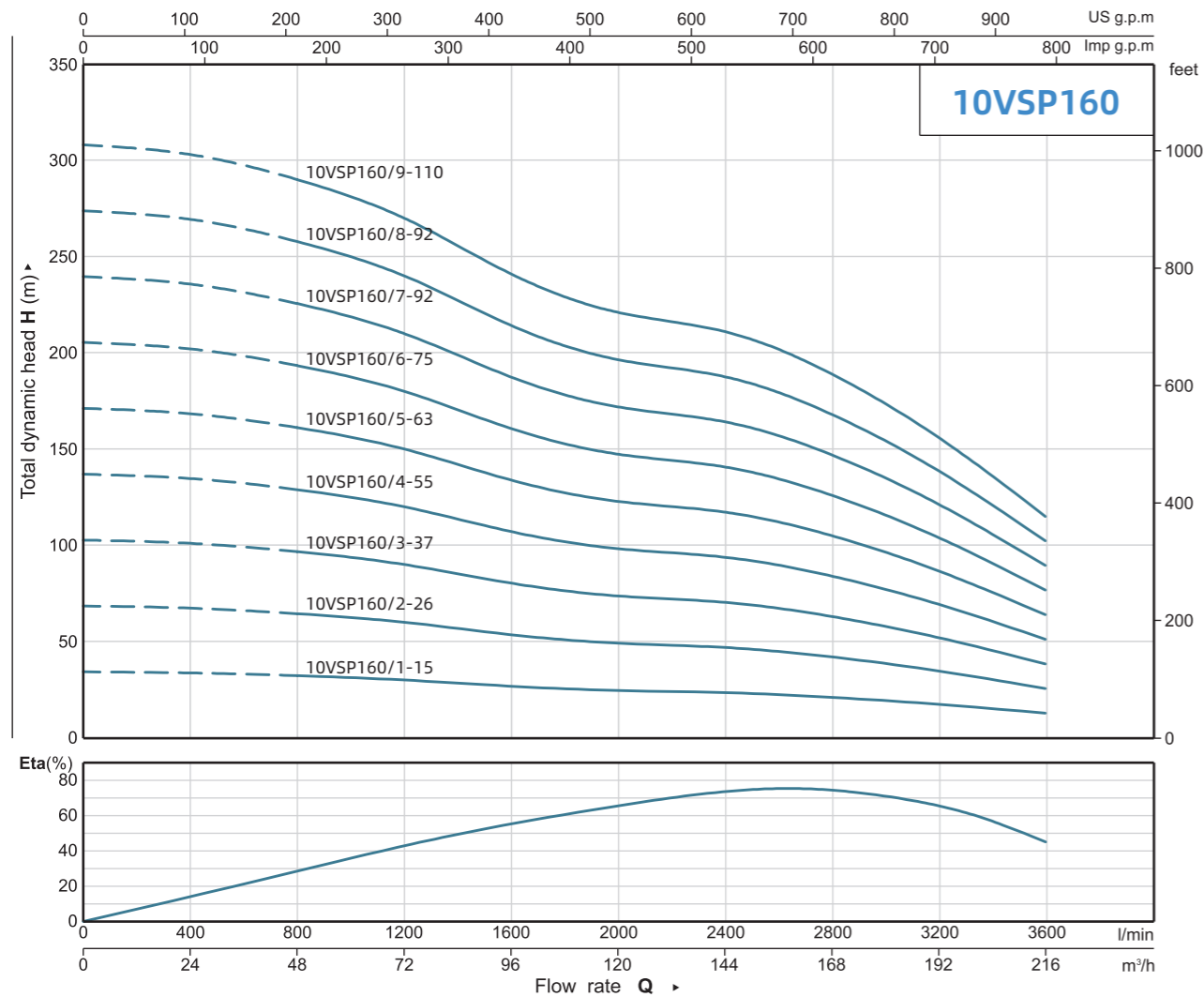


Components	Material
Delivery casing	①AISI 304 SS ②AISI 316 SS
Suction lantern	①AISI 304 SS ②AISI 316 SS
Diffuser	①AISI 304 SS ②AISI 316 SS
Impeller	①AISI 304 SS ②AISI 316 SS
Shaft	①AISI 431 SS ②AISI 316 SS
Shaft coupling	①AISI 304 SS ②AISI 316 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM N0.30
Bottom support	Cast-iron ASTM N0.30
Seal	NBR Graphite-SiC/TC
Shaft	AISI 304 SS-ASTM 5140

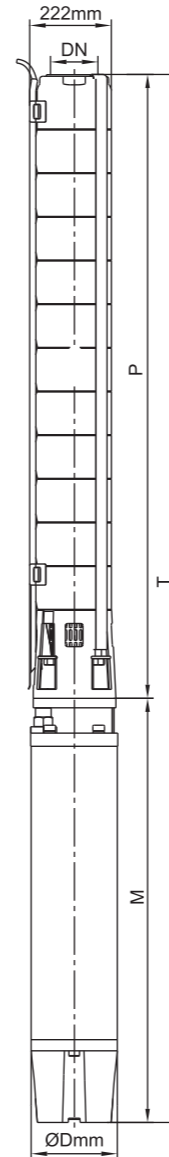


PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY																					
	kW	HP	n≈2850 1/min																					
3~ 380 - 415V	Q	m ³ /h l/min	0	18	36	54	72	90	108	126	144	162	180	0	300	600	900	1200	1500	1800	2100	2400	2700	3000
10VSP135/1-11			11	15	31	31	30	29	27	25	23	21	19	17	13									
10VSP135/2-18.5	18.5	25	47	47	45	43	41	38	35	32	29	25	20											
10VSP135/2-22	22	30	63	62	59	57	54	51	47	43	39	33	27											
10VSP135/3-30	30	40	94	93	89	86	81	76	70	64	58	50	40											
10VSP135/4-37	37	50	110	109	104	100	95	89	82	75	68	58	47											
10VSP135/4-45	45	60	125	124	119	115	108	101	93	85	77	67	53											
10VSP135/5-55	55	75	157	155	149	144	135	127	117	107	96	83	66											
10VSP135/6-63	63	85	188	186	178	172	162	152	140	128	116	100	80											
10VSP135/7-75	75	100	219	217	208	201	189	177	163	149	135	117	93											
10VSP135/8-92	92	125	250	248	238	230	216	202	186	170	154	134	106											
10VSP135/9-110	110	150	282	279	267	258	243	228	210	192	174	150	120											
10VSP135/10-110	110	150	313	310	297	287	270	253	233	213	193	167	133											



DIMENSION AND WEIGHT



MODEL 3~ 380 - 415V	DN	DIMENSION(mm)				WEIGHT(kg)		
		P	M	T	ØD	P	M	T
10VSP135/1-11	6"	610	754	1364	145	26.1	58.3	84.4
10VSP135/2A-18.5	6"	766	934	1700	145	32.8	80.5	113.3
10VSP135/2-22	6"	766	1014	1780	145	32.8	91.6	124.4
10VSP135/3-30	6"	922	1174	2096	145	39.6	113.0	152.6
10VSP135/4A-37	6"	1078	1274	2352	145	46.2	126.4	172.6
10VSP135/4-45	6"	1078	1008	2086	192	46.2	159.0	205.2
10VSP135/5-55	6"	1234	1078	2312	192	52.8	180.0	232.8
10VSP135/6-63	6"	1390	1148	2538	192	59.3	195.0	254.3
10VSP135/7-75	6"	1546	1348	2894	192	65.9	221.0	286.9
10VSP135/8-92	6"	1702	1500	3202	192	72.4	241.0	313.4
10VSP135/9-110	6"	1858	1650	3508	192	79.0	255.0	334.0
10VSP135/10-110	6"	2014	1650	3664	192	85.6	255.0	340.6

MODEL 3~ 380 - 415V	DN	DIMENSION(mm)				WEIGHT(kg)		
		P	M	T	ØD	P	M	T
10VSP160/1-15	6"	610	804	1414	145	26.1	63.9	90.0
10VSP160/2-26	6"	766	1094	1860	145	32.8	102.3	135.1
10VSP160/3-37	6"	922	1274	2196	145	41.1	126.4	167.5
10VSP160/4-55	6"	1078	1078	2156	192	47.7	180.0	227.7
10VSP160/5-63	6"	1234	1148	2382	192	53.3	195.0	248.3
10VSP160/6-75	6"	1390	1348	2738	192	59.8	221.0	280.8
10VSP160/7-92	6"	1546	1500	3046	192	66.8	241.0	307.8
10VSP160/8-92	6"	1702	1500	3202	192	73.9	241.0	314.9
10VSP160/9-110	6"	1858	1650	3508	192	77.5	255.0	332.5

PERFORMANCE DATA 50Hz

MODEL 3~ 380 - 415V	P ₂		DELIVERY n≈2850 1/min											
	kW	HP	Q	0	24	48	72	96	120	144	168	192	216	
			m ³ /h l/min	0	400	800	1200	1600	2000	2400	2800	3200	3600	
10VSP160/1-15	15	20	H(m)	34	34	32	30	27	25	23	21	17	13	
10VSP160/2-26	26	35		68	67	64	60	54	49	47	42	35	26	
10VSP160/3-37	37	50		103	101	97	90	80	74	70	63	52	38	
10VSP160/4-55	55	75		137	135	129	120	107	98	94	84	69	51	
10VSP160/5-63	63	85		171	168	161	150	134	123	117	105	87	64	
10VSP160/6-75	75	100		205	202	193	180	161	147	141	126	104	77	
10VSP160/7-92	92	125		240	236	226	210	187	172	164	147	121	89	
10VSP160/8-92	92	125		274	269	258	240	214	196	188	168	139	102	
10VSP160/9-110	110	150		308	303	290	270	241	221	211	189	156	115	

4" SUBMERSIBLE MOTOR

Applications

For water supply from wells or reservoirs
 For domestic use, for civil and industrial applications
 For garden use and irrigation

Operating conditions

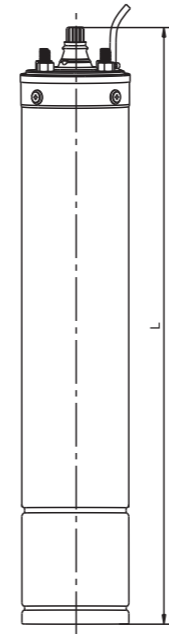
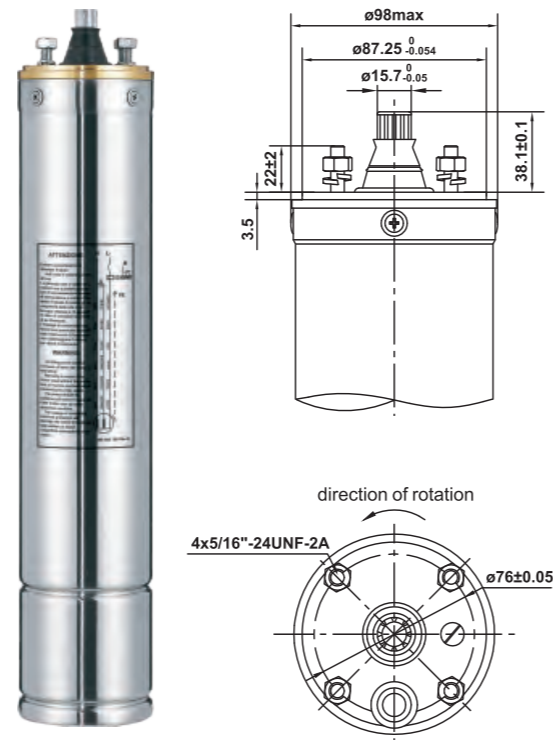
Speed: 2850rpm
 Insulation class: F
 Protection grade: IP 68
 Maximum fluid temperature up to +35°C
 Minimum well diameter: 4"

Motor and Pump

Rewindable motor
Three-phase: 380 - 415V/50Hz
NEMA dimension standards

Options on request

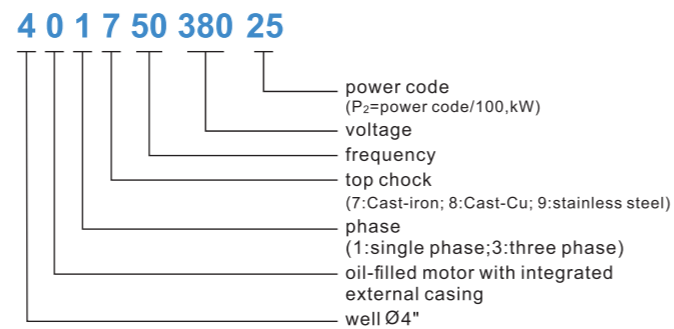
Special mechanical seal
 Other voltages or frequency 60Hz



PERFORMANCE DATA 50Hz

MODEL	P ₂		n ≈ 2850 1/min						
	kW	HP	Voltage (V)	Ph	I _n (A)	COSφ	η (%)	L (mm)	Weight (kg)
4YS250	0.25	0.33	380-415V	3	1.0	0.75	55	331	5.8
4YS370	0.37	0.5			1.4	0.75	58	341	6.7
4YS550	0.55	0.75			1.8	0.76	61	351	7.3
4YS750	0.75	1			2.5	0.77	64	371	8.0
4YS1100	1.1	1.5			3.2	0.78	67	411	9.8
4YS1500	1.5	2			4.0	0.79	69	456	11.7
4YS2200	2.2	3			6.0	0.80	71	516	15.7
4YS2600	2.6	3.5			7.0	0.79	71	556	17.7
4YS3000	3	4			8.0	0.81	72	621	19.8
4YS3700	3.7	5			9.5	0.80	72	656	21.4
4YS4000	4	5.5			10.0	0.82	74	696	23.7
4YS5000	5	7			12.0	0.81	75	736	25.5
4YS5500	5.5	7.5			12.0	0.83	75	815	28.0
4YS7500	7.5	10			15.0	0.84	76	875	34.0

Components	Material
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500
	② Cast-iron ASTM N0.30
	③ AISI 304 SS
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well (Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutical use.



5" SUBMERSIBLE MOTOR

Applications

For water supply from wells or reservoirs
For domestic use, for civil and industrial applications
For garden use and irrigation

Operating conditions

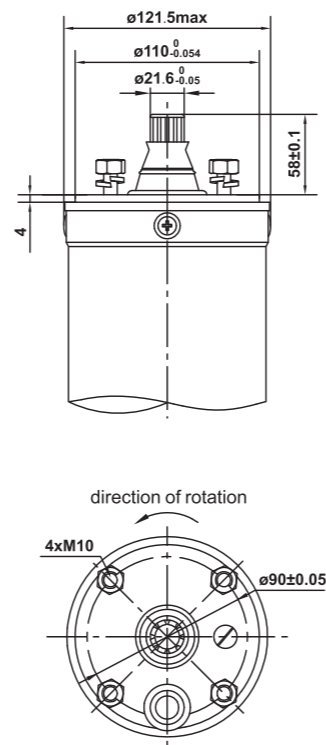
Speed: 2850rpm
Insulation class: F
Protection grade: IP 68
Maximum fluid temperature up to +35°C
Minimum well diameter: 5"

Motor and Pump

Rewindable motor
Three-phase: 380 - 415V/50Hz

Options on request

Special mechanical seal
Other voltages or frequency 60Hz



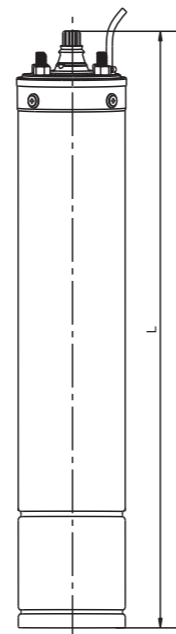
5 0 1 7 50 380 150

power code
(P_2 =power code/100,kW)
voltage
frequency
top chock
(7:Cast-iron; 8:Cast-Cu)
phase
(1:single phase;3:three phase)
oil-filled motor with integrated
external casing
well $\phi 5"$

Components	Material
Motor external casing	AISI 304 SS
Top chock	①Cast-iron ASTM N0.30 ②Cast-Cu ASTM C85500
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA 50Hz

MODEL	P ₂		n≈2850 1/min						
	kW	HP	Voltage (V)	Ph	In (A)	COSφ	η (%)	L (mm)	Weight (kg)
5YS1500	1.5	2	380-415V	3	4.7	0.77	70	465	16.4
5YS2200	2.2	3			6.1	0.78	72	500	19.6
5YS3000	3	4			8.3	0.79	73	540	22.3
5YS4000	4	5.5			10.5	0.79	74	600	27.1
5YS5500	5.5	7.5			13.2	0.80	75	670	32.5
5YS7500	7.5	10			17.7	0.80	76	770	38.5
5YS9200	9.2	12.5			20.5	0.81	77	820	41.5
5YS11000	11	15			24.9	0.82	78	880	45.6



6" SUBMERSIBLE MOTOR

Applications

For water supply from wells or reservoirs
For domestic use, for civil and industrial applications
For garden use and irrigation

Operating conditions

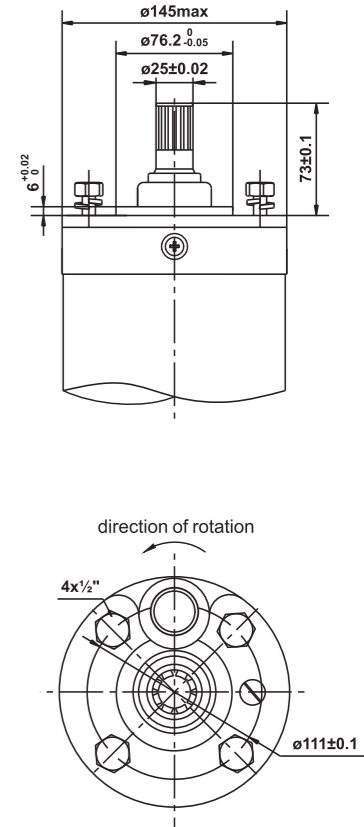
Speed: 2850rpm
Insulation class: F
Protection grade: IP 68
Maximum fluid temperature up to +35°C
Minimum well diameter: 6"

Motor and Pump

Rewindable motor
Three-phase: 380 - 415V/50Hz
NEMA dimension standards

Options on request

Special mechanical seal
Other voltages or frequency 60Hz



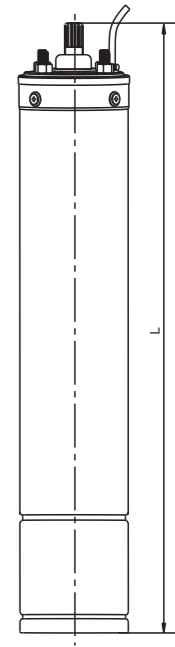
6 0 1 7 50 380 300

power code
(P_2 =power code/100,kW)
voltage
frequency
top chock material
(7:Cast-iron; 8:Cast-Cu)
phase
(1:single phase,3:three phase)
oil-filled motor with integrated
external casing
well $\phi 6"$

Components	Material
Motor external casing	AISI 304 SS
Top chock	①Cast-iron ASTM N0.30 ②Cast-Cu ASTM C85500
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA 50Hz

MODEL	P ₂		n≈2850 1/min						
	kW	HP	Voltage (V)	Ph	In (A)	COSφ	η (%)	L (mm)	Weight (kg)
6YS3000	3	4	380-415V	3	7.8	0.80	74	563	25.1
6YS4000	4	5.5			10.0	0.80	75	603	28.9
6YS5500	5.5	7.5			13.7	0.80	76	653	33.9
6YS7500	7.5	10			17.3	0.81	76	708	40.2
6YS9200	9.2	12.5			21.3	0.81	77	763	46.5
6YS11000	11	15			25.1	0.82	78	818	53.5
6YS15000	15	20			31.6	0.83	79	965	67.7



6" SUBMERSIBLE MOTOR

Applications

For water supply from wells or reservoirs
For domestic use, for civil and industrial applications
For garden use and irrigation

Operating conditions

Speed: 2850rpm
Insulation class: F
Protection grade: IP 68
Maximum fluid temperature up to +35°C
Minimum well diameter: 6"

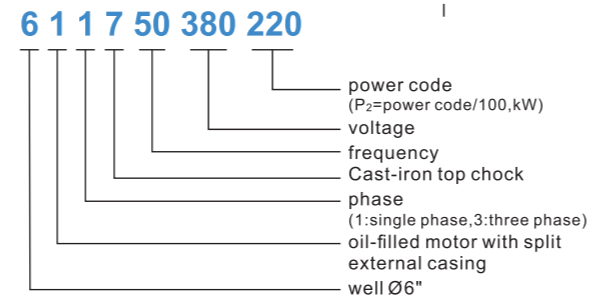
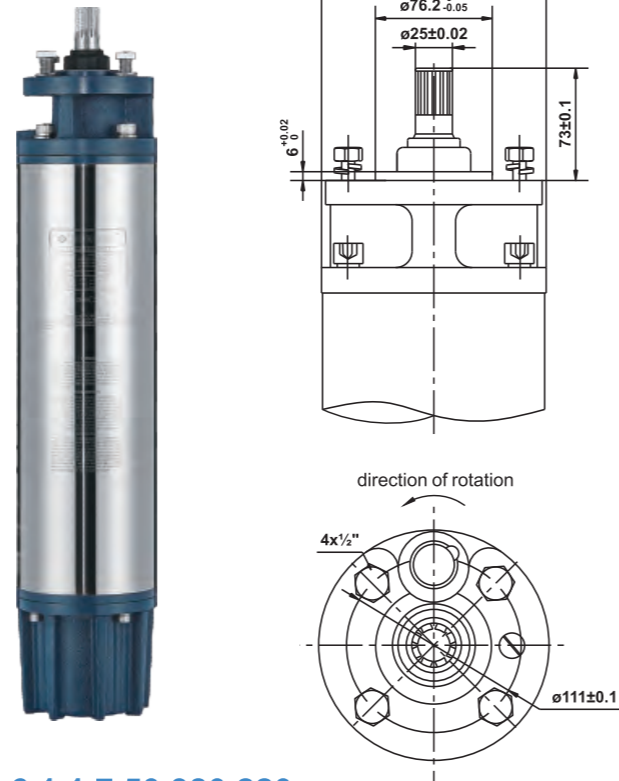
Motor and Pump

Rewindable motor
Three-phase: 380 - 415V/50Hz
① Direct start (1 cable)
② Star-delta start (2 cables)

NEMA dimension standards

Options on request

Special mechanical seal
Other voltages or frequency 60Hz



Components	Material
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM N0.30
Bottom support	Cast-iron ASTM N0.30
Seal	NBR Carbon-SiC/TC
Shaft	AISI 304 SS-ASTM 5140

PERFORMANCE DATA 50Hz

MODEL	P ₂		n ≈ 2850 1/min						
	kW	HP	Voltage (V)	Ph	In (A)	COSφ	η (%)	L (mm)	Weight (kg)
6YC2200	2.2	3	380-415V	3	5.0	0.80	74	524	34.1
6YC3000	3	4			6.0	0.80	75	554	36.6
6YC4000	4	5.5			8.0	0.80	75	584	39.2
6YC5500	5.5	7.5			11.0	0.80	76	614	42.6
6YC7500	7.5	10			15.0	0.81	76.5	654	47.0
6YC9200	9.2	12.5			18.5	0.81	77	704	52.7
6YC11000	11	15			21.5	0.82	78	754	58.3
6YC13000	13	17.5			25.5	0.82	78	804	63.9
6YC15000	15	20			29.0	0.83	79	854	69.5
6YC18500	18.5	25			35.5	0.83	79	934	80.9
6YC22000	22	30			42.0	0.83	80	1014	91.6
6YC26000	26	35			49.0	0.84	80	1094	102.3
6YC30000	30	40			57.0	0.84	81	1174	113.0
6YC37000	37	50			72.0	0.84	82	1299	125.0



6" SUBMERSIBLE MOTOR

Applications

For water supply from wells or reservoirs
For domestic use, for civil and industrial applications
For garden use and irrigation

Operating conditions

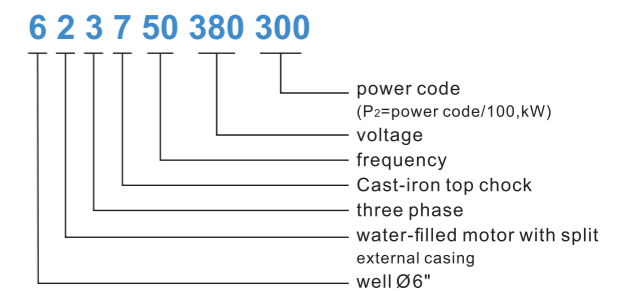
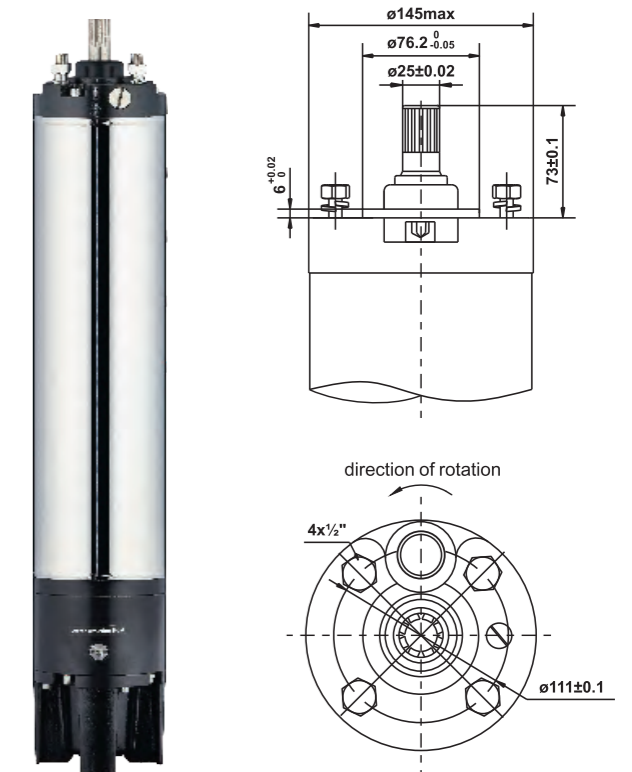
Speed: 2850rpm
Insulation class: F
Protection grade: IP 68
Maximum fluid temperature up to +35°C
Minimum well diameter: 6"

Motor and Pump

Rewindable motor
Three-phase: 380 - 415V/50Hz
① Direct start (1 cable)
② Star-delta start (2 cables)
NEMA dimension standards

Options on request

Special mechanical seal
Other voltages or frequency 60Hz



Components	Material
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM N0.30
Bottom support	Cast-iron ASTM N0.30
Seal	NBR Carbon-SiC/TC
Shaft	AISI 304 SS-AISI 420
Thrust bearing	AISI420
Radial bearing	Carbon with antimony

PERFORMANCE DATA 50Hz

MODEL	P ₂		n ≈ 2850 1/min						
	kW	HP	Voltage (V)	Ph	In (A)	COSφ	η (%)	L (mm)	Weight (kg)
6HC3000	3	4	380-415V	3	7.8	0.78	74.0	679	36.9
6HC4000	4	5.5			10.5	0.79	76.0	739	41.2
6HC5500	5.5	7.5			14.0	0.80	76.5	779	44.8
6HC7500	7.5	10			18.7	0.80	77.0	839	50.2
6HC9200	9.2	12.5			22.8	0.81	78.0	934	58.2
6HC11000	11	15			26.8	0.81	78.5	989	66.3
6HC13000	13	17.5			31.5	0.81	79.5	1044	70.4
6HC15000	15	20			36.1	0.81	80.5	1099	78.5
6HC18500	18.5	25			44.5	0.82	80.5	1186	90.5
6HC22000	22	30			49.3	0.82	81.0	1286	104.0
6HC26000	26	35			59.5	0.82	81.0	1386	117.5
6HC30000	30	40			67.0	0.84	81.0	1586	125.6

