

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

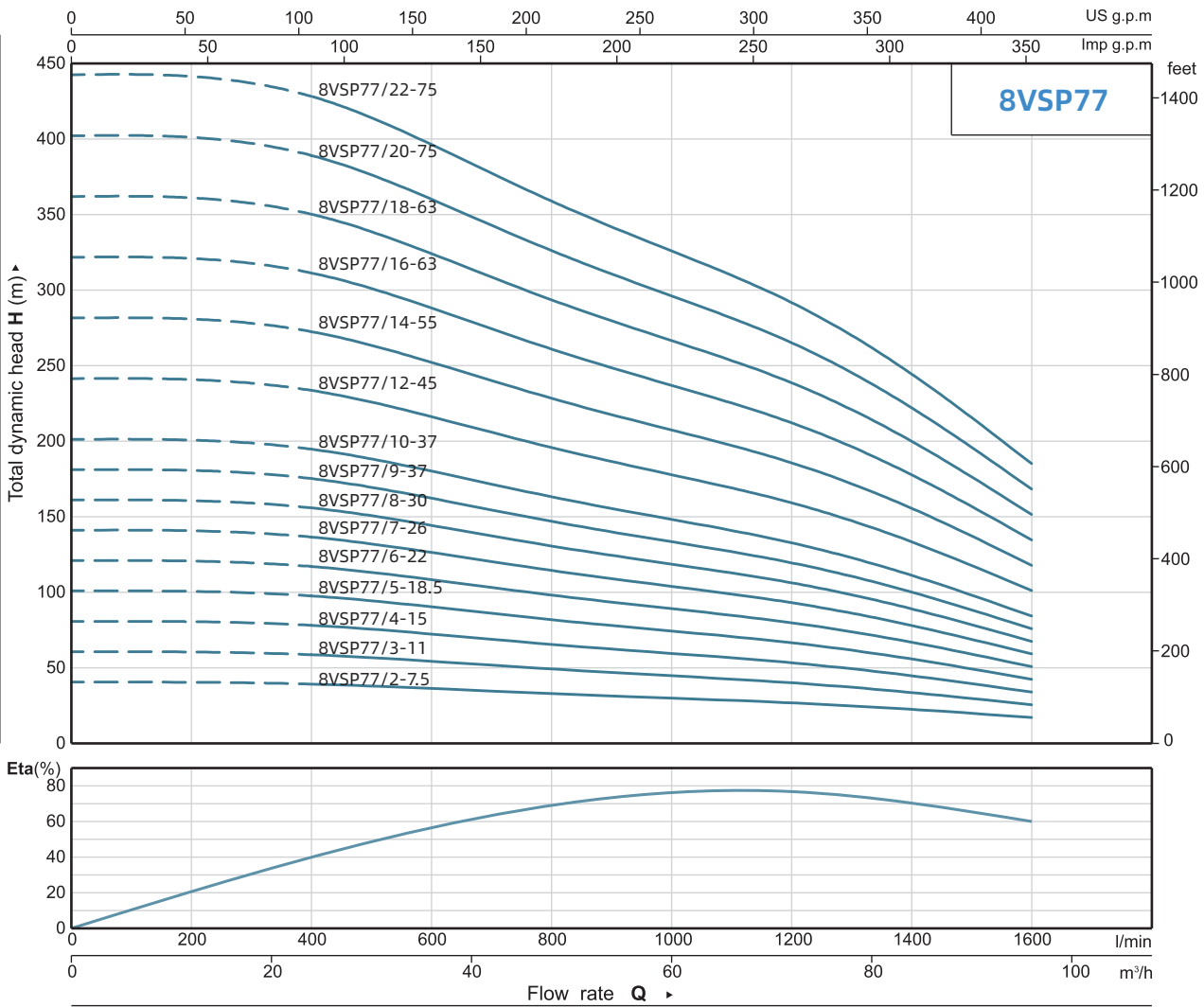
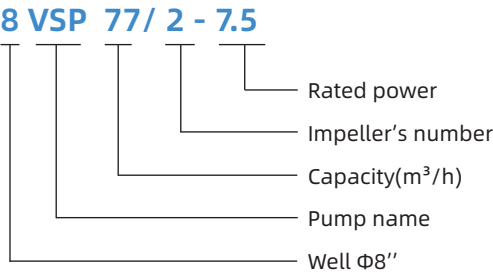
Rewindable motor
Three-phase: 380 - 415V/50Hz
①Direct start (1 cable)
②Star-delta start (2 cables)
NEMA dimension standards
Curve tolerance according to ISO 9906

Options on request

Special mechanical seal
Other voltages or frequency 60Hz

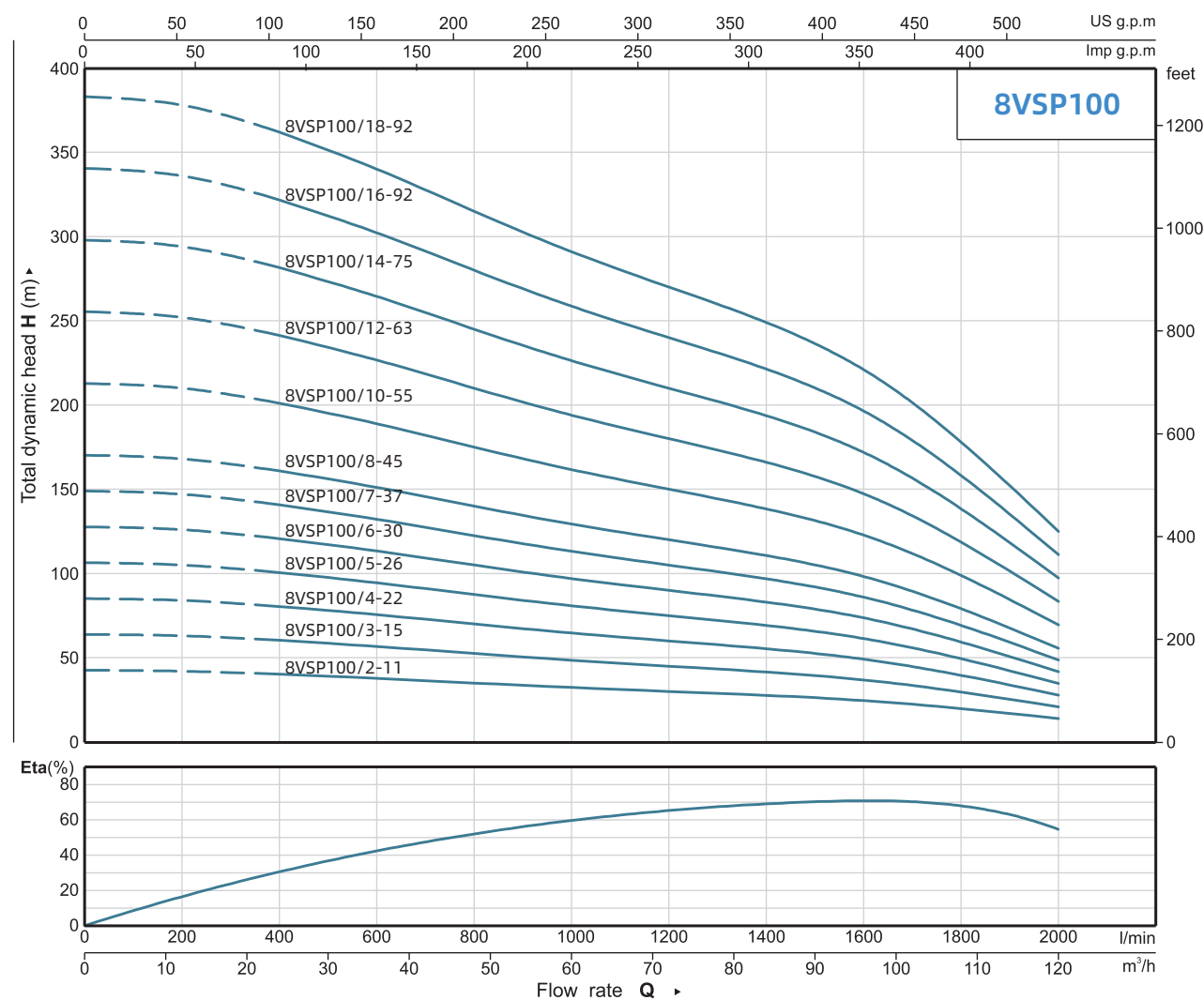


Components	Material
Delivery casing	①AISI 304 SS ②AISI 316 SS
Suction lantern	①AISI 304 SS ②AISI 316 SS
Diffuser	①AISI 304 SS ②AISI 316 SS
Impeller	①AISI 304 SS ②AISI 316 SS
Shaft	①AISI 431 SS ②AISI 316 SS
Shaft coupling	①AISI 304 SS ②AISI 316 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top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



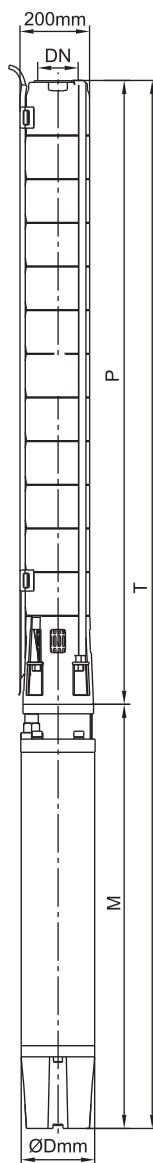
PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY										
	kW	HP	Q	n≈2850 1/min									
				m³/h	0	12	24	36	48	60	72	84	96
3~ 380 - 415V			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	1750	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	P ₂		DELIVERY n≈2850 1/min											
3~ 380 - 415V	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