

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

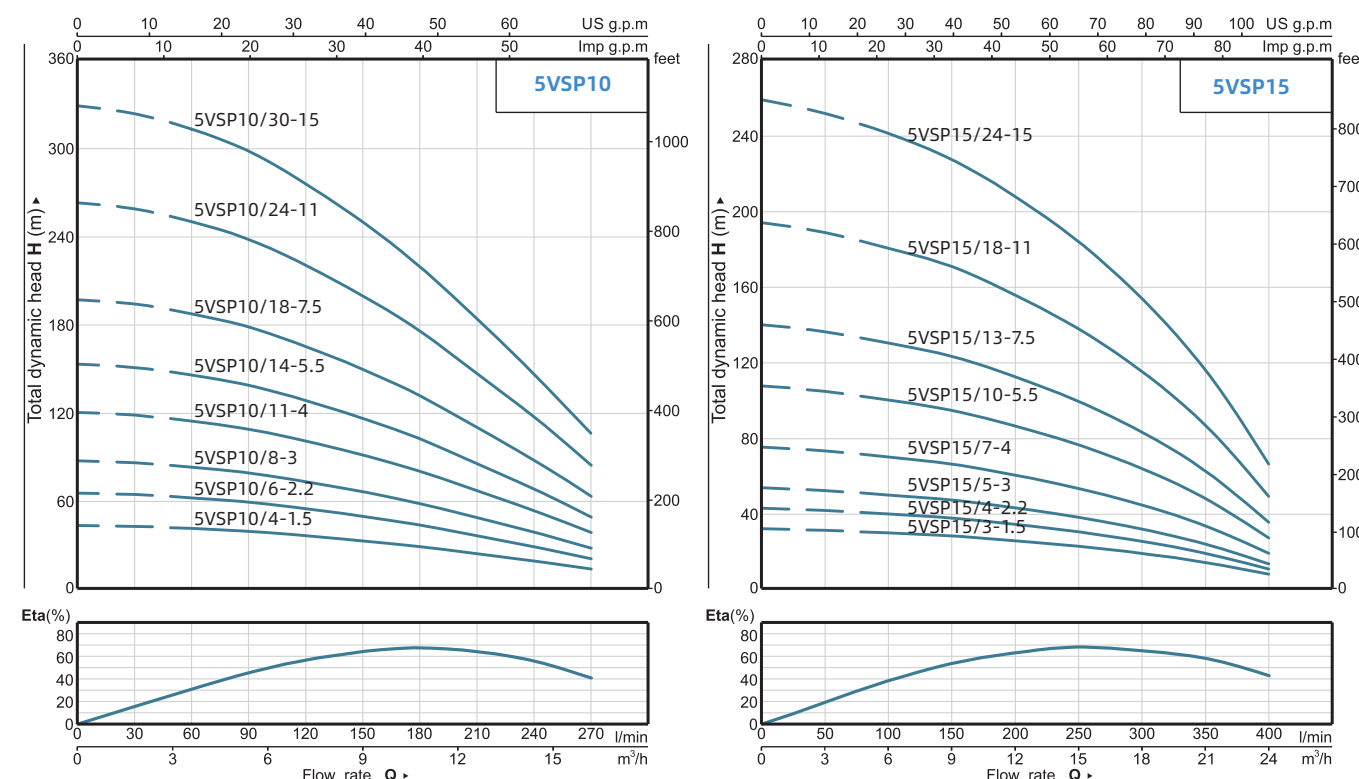
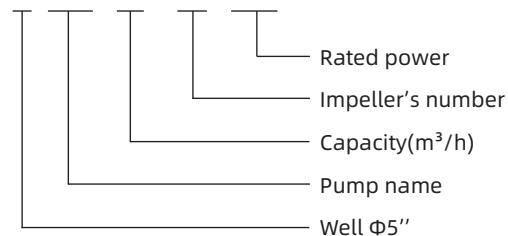
Options on request

Special mechanical seal
Other voltages or frequency 60Hz



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

5 VSP 10 / 4 - 1.5

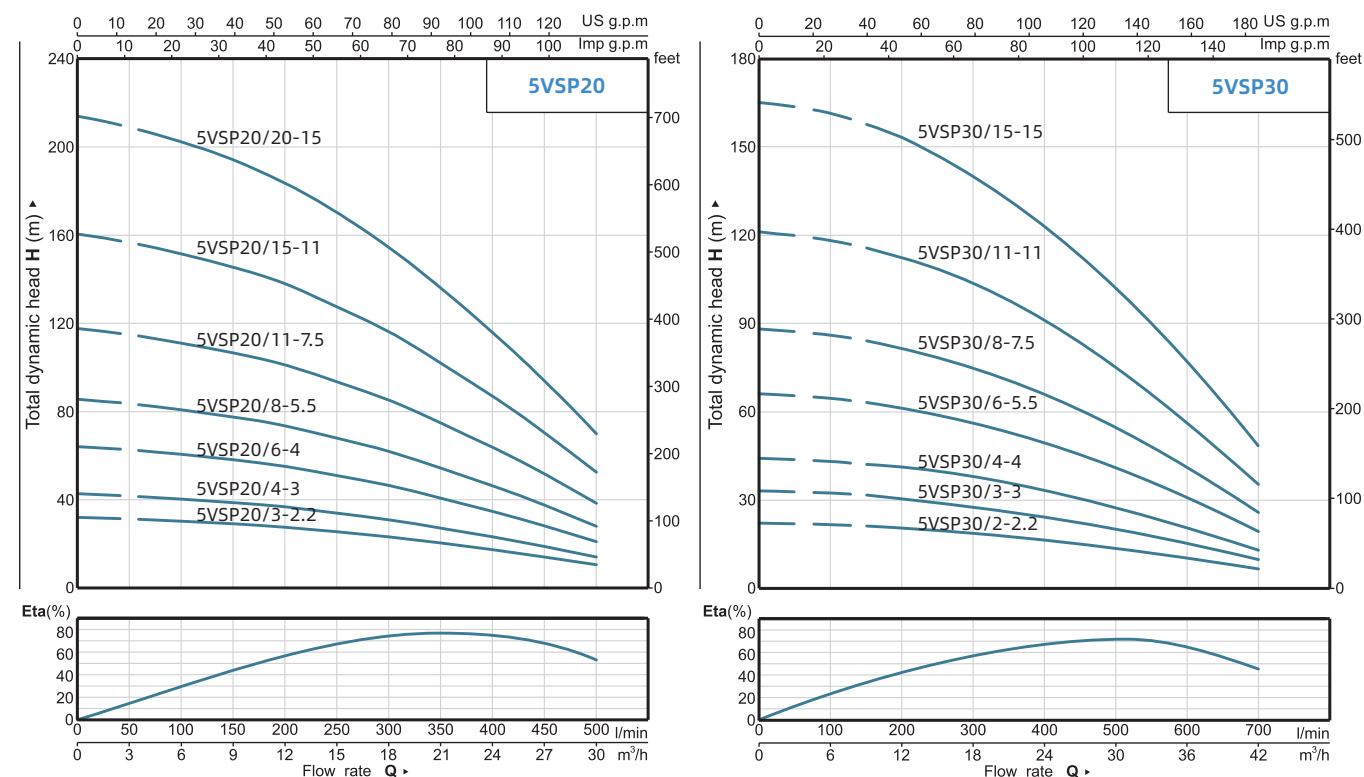


PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min												
			Q	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	18.0	20.0
3 ~ 380 - 415V	kW	HP	m³/h l/min	0	30	60	90	120	150	180	210	240	270	300	330
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										
			Q	0	3	6	9	12	15	18	21	24	27
3 ~ 380 - 415V	kW	HP	m³/h l/min	0	50	100	150	200	250	300	350	400	450
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	



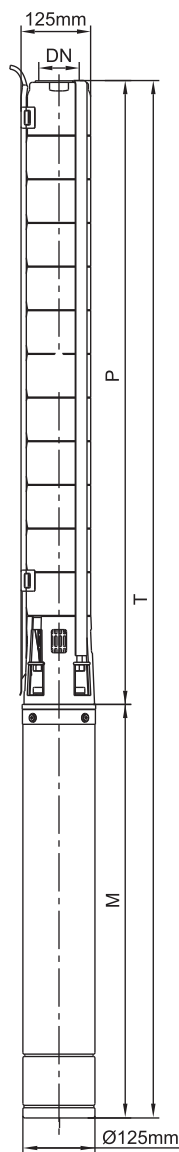
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PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min												
3 ~ 380 - 415V	kW	HP	Q	m³/h l/min	0	3	6	9	12	15	18	21	24	27	30
					0	50	100	150	200	250	300	350	400	450	500
5VSP20/3-2.2	2.2	3	H(m)		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 m³/h l/min	H(m)								
				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	



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