

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 pharmaceutical use.

4 VSP 2 / 13 - 0.55

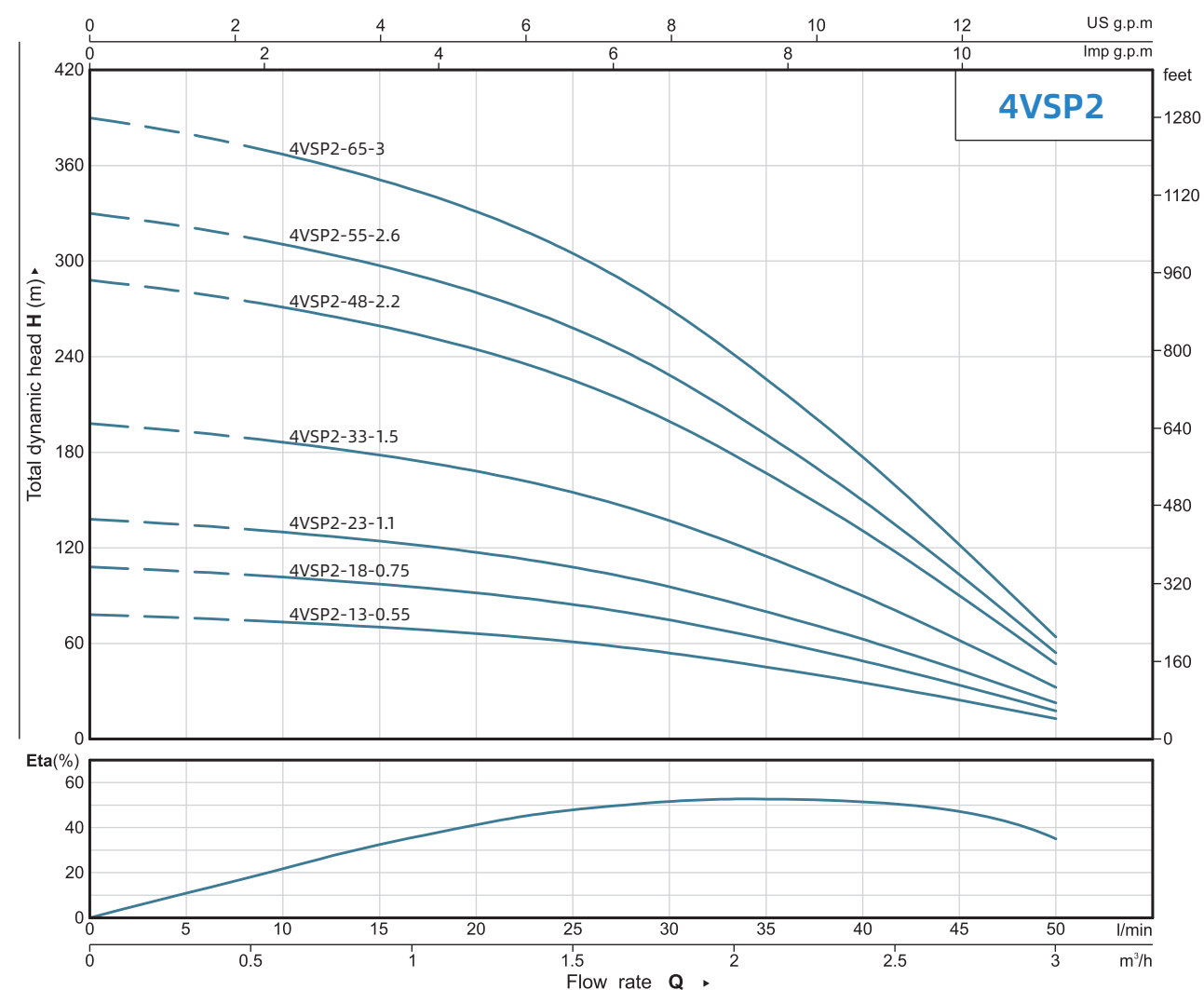
Rated power

Impeller's number

Capacity(m³/h)

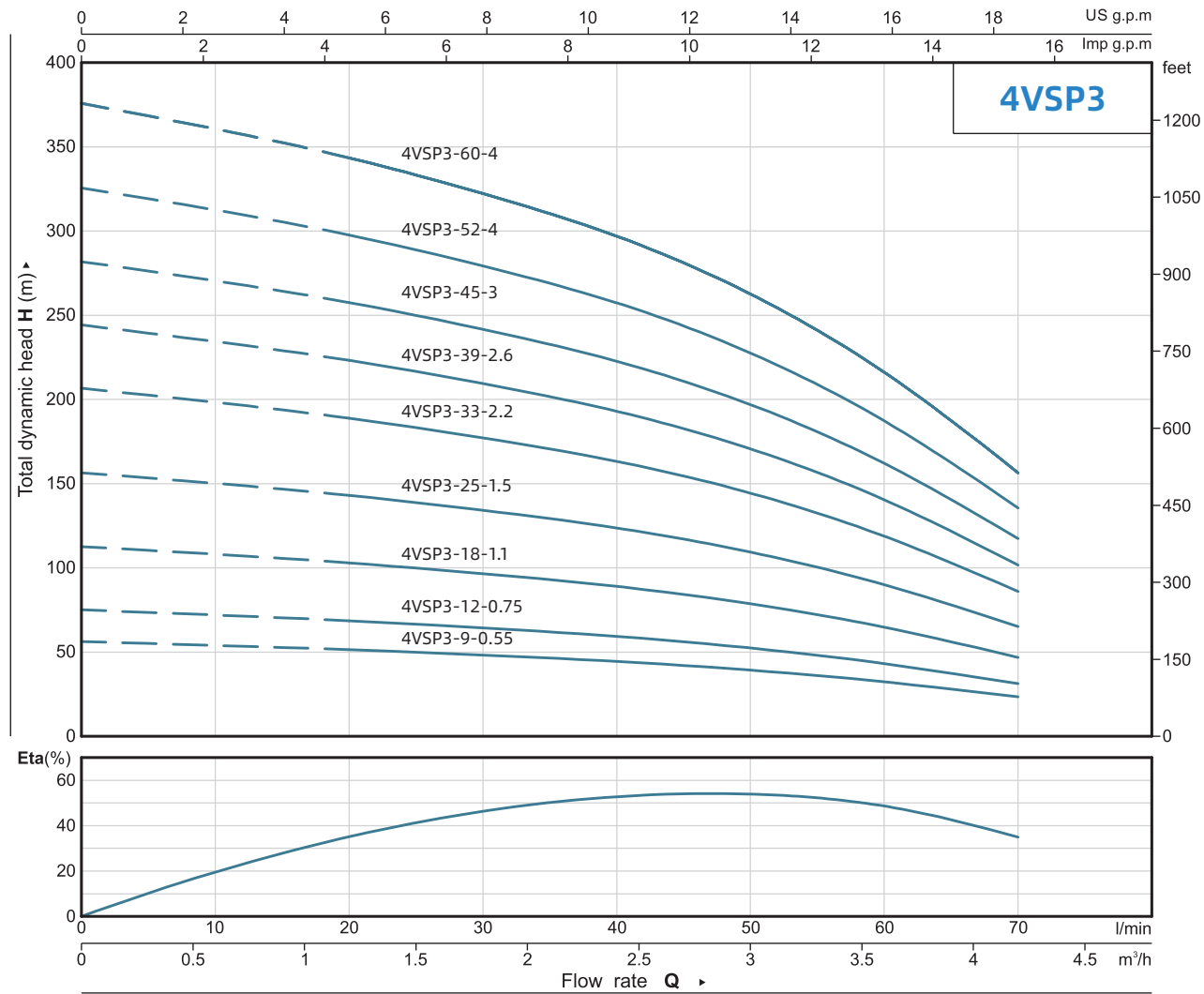
Pump name

Well Φ4''



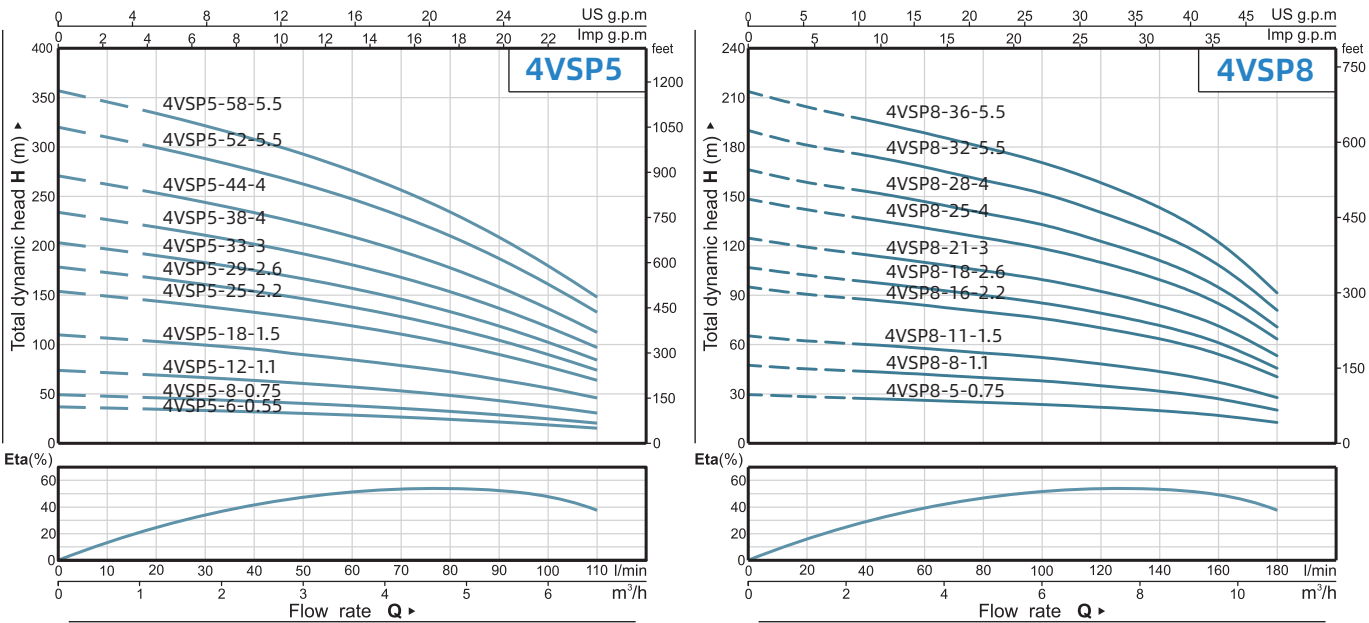
PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min											
3~ 380 - 415V	kW	HP	Q $\frac{m^3}{h}$ $\frac{l}{min}$	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
			H(m)	0	5	10	15	20	25	30	35	40	45	50
4VSP□2/13-0.55	0.55	0.75		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 l/min	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2
				0	10	20	30	40	50	60	70
4VSP3/9-0.55	0.55	0.75	H(m)	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	H(m)	322	309	295	276	255	225	185	134
4VSP3/60-4	4	5.5		372	357	340	319	294	260	214	155

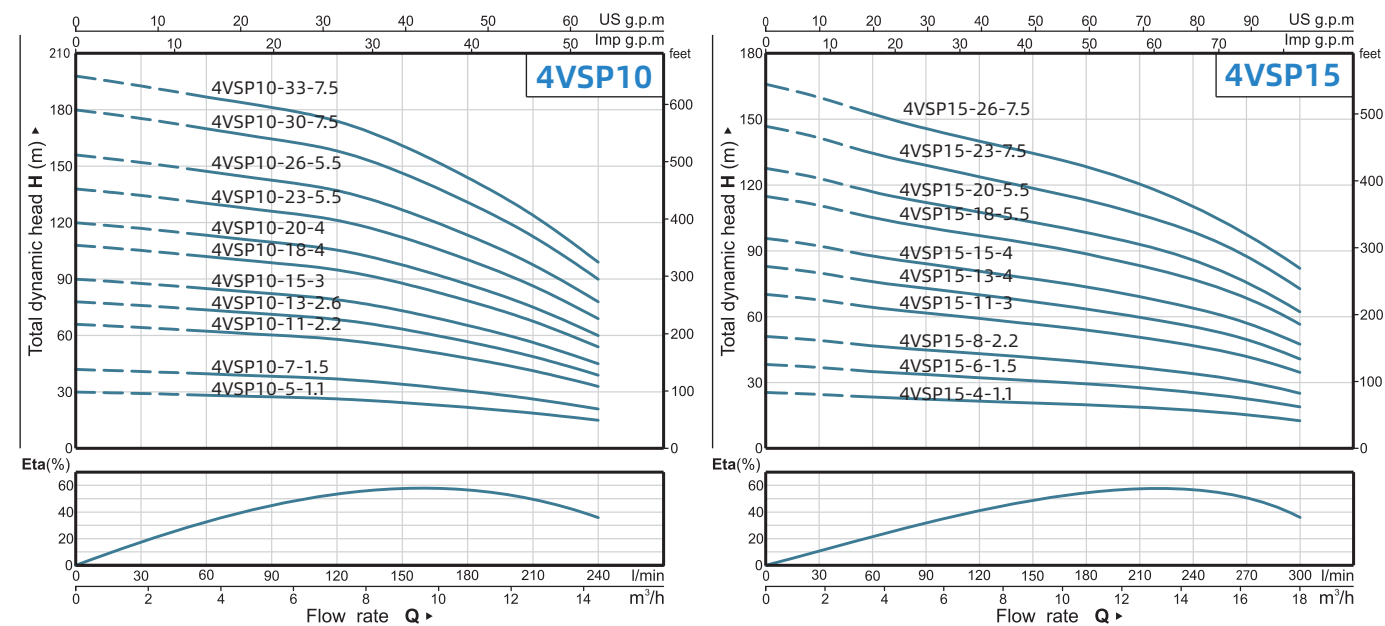


PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min													
3~ 380 - 415V	kW	HP	Q m³/h l/min	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	
				0	10	20	30	40	50	60	70	80	90	100	110	
4VSP5/6-0.55	0.55	0.75	H(m)	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 l/min	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8
				0	20	40	60	80	100	120	140	160	180
4VSP8/5-0.75	0.75	1	H(m)	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

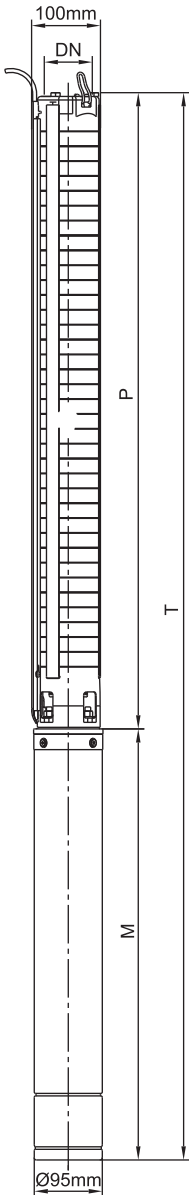


PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY										
	kW	HP	Q	n≈2850 1/min									
3~ 380 - 415V				m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4
				l/min	0	30	60	90	120	150	180	210	240
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	P ₂		DELIVERY												
	kW	HP	Q	n≈2850 1/min											
3~ 380 - 415V				m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	18.0
				l/min	0	30	60	90	120	150	180	210	240	270	300
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	

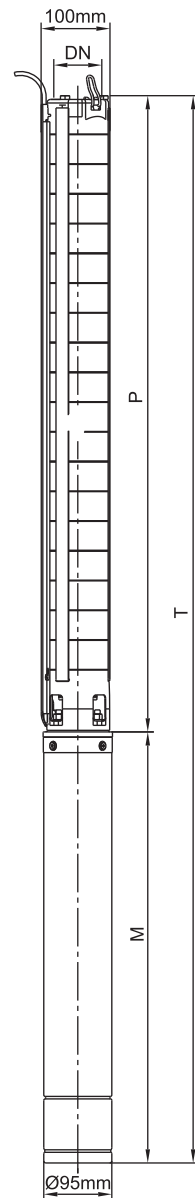


DIMENSION AND WEIGHT

MODEL	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
3~ 380 - 415V							
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	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
3~ 380 - 415V							
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	DN	DIMENSION(mm)			WEIGHT(kg)		
		P	M(T)	T(T)	P	M(T)	T(T)
3~ 380 - 415V							
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