

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

①Direct start (1 cable)

②Star-delta start (2 cables)

NEMA dimension standards

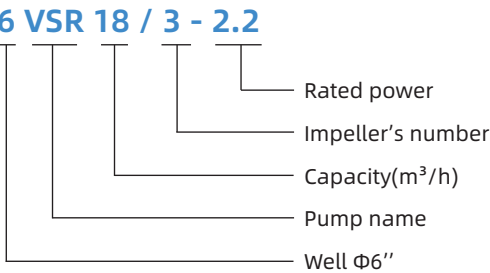
Curve tolerance according to ISO 9906

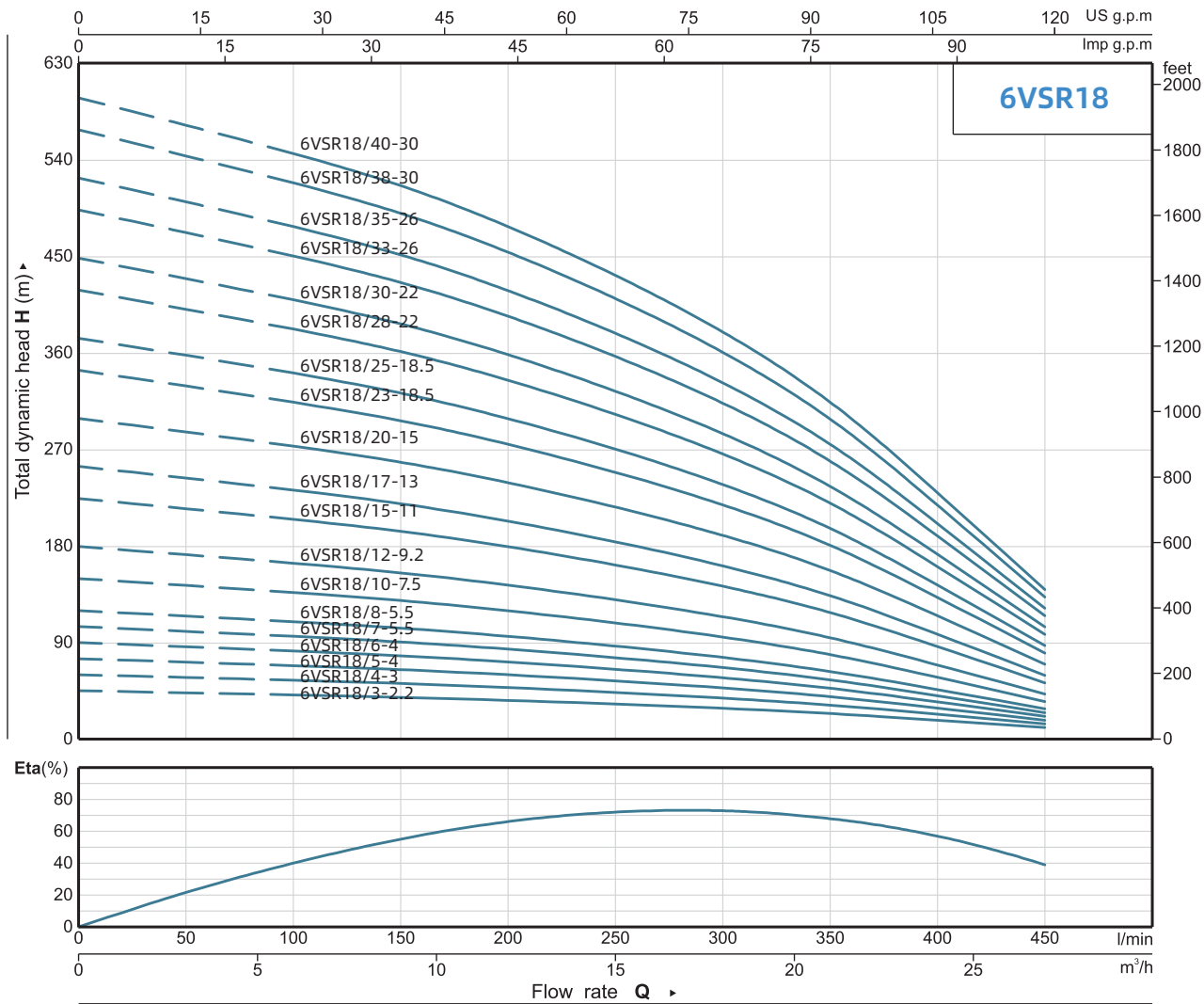
Options on request

Special mechanical seal
Other voltages or frequency 60Hz



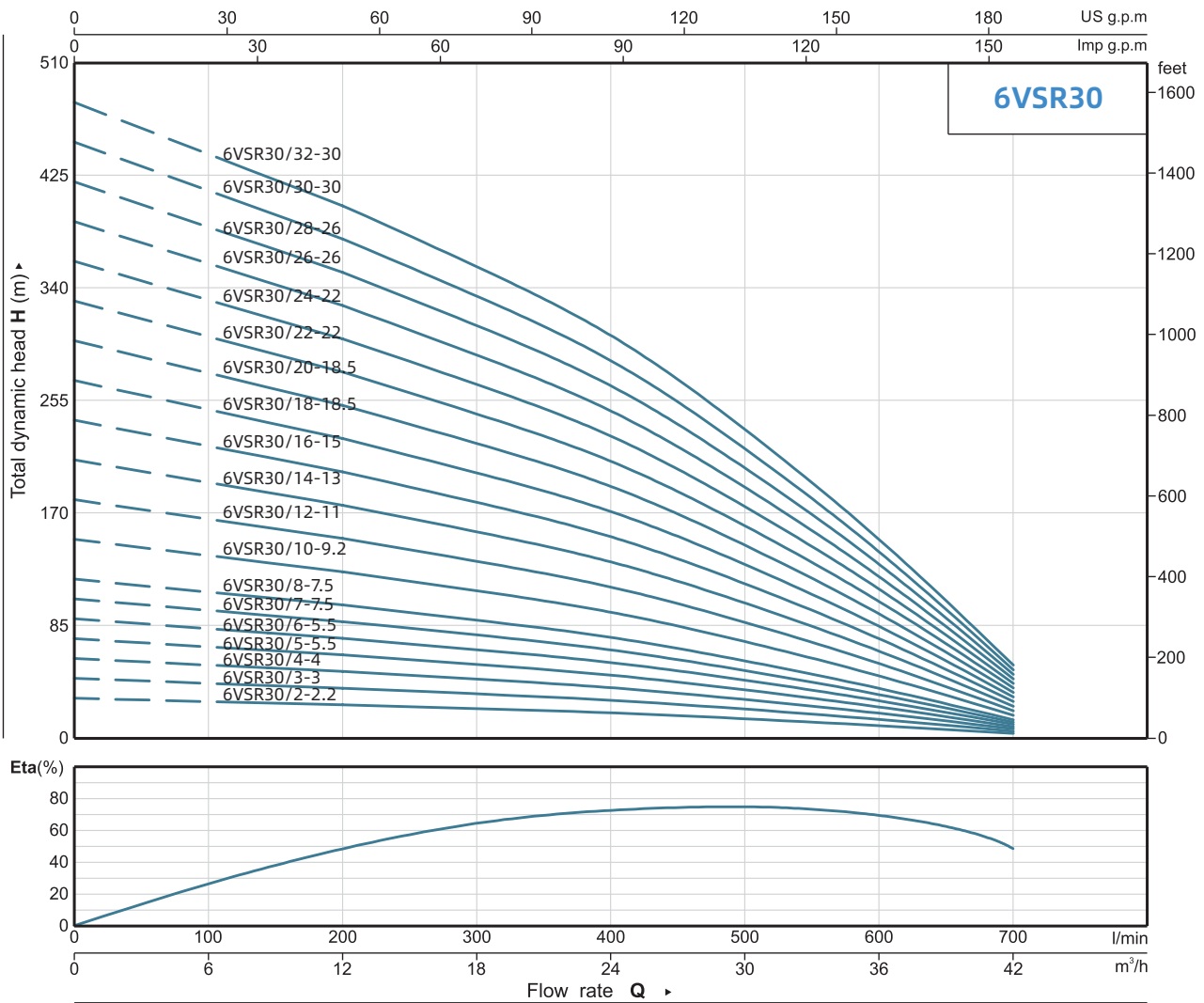
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron ASTM N0.30
Suction lantern	Cast-iron ASTM N0.30
Diffuser	Plastic.PC & AISI 304 SS
Impeller	Plastic.PC
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	Cast-iron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





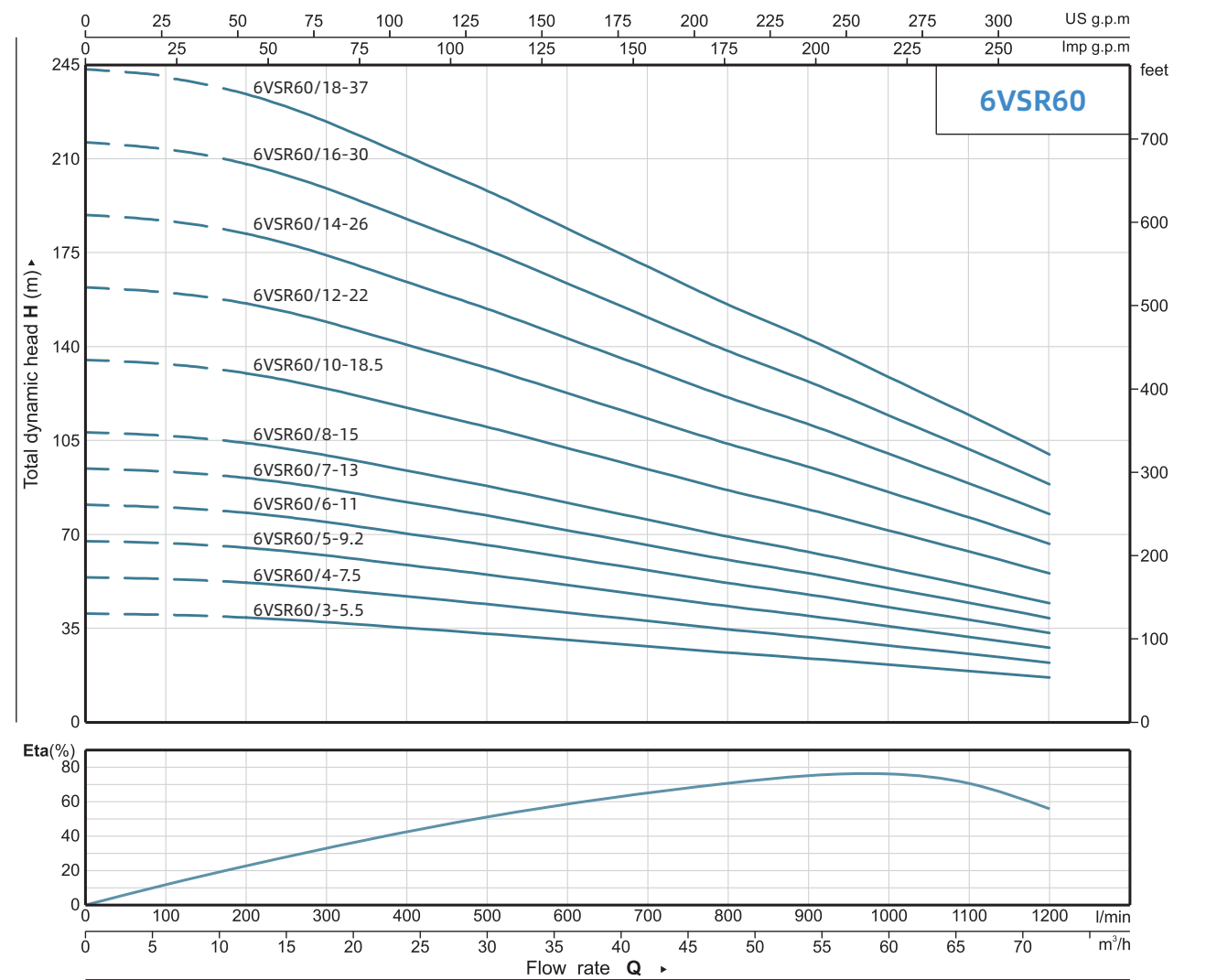
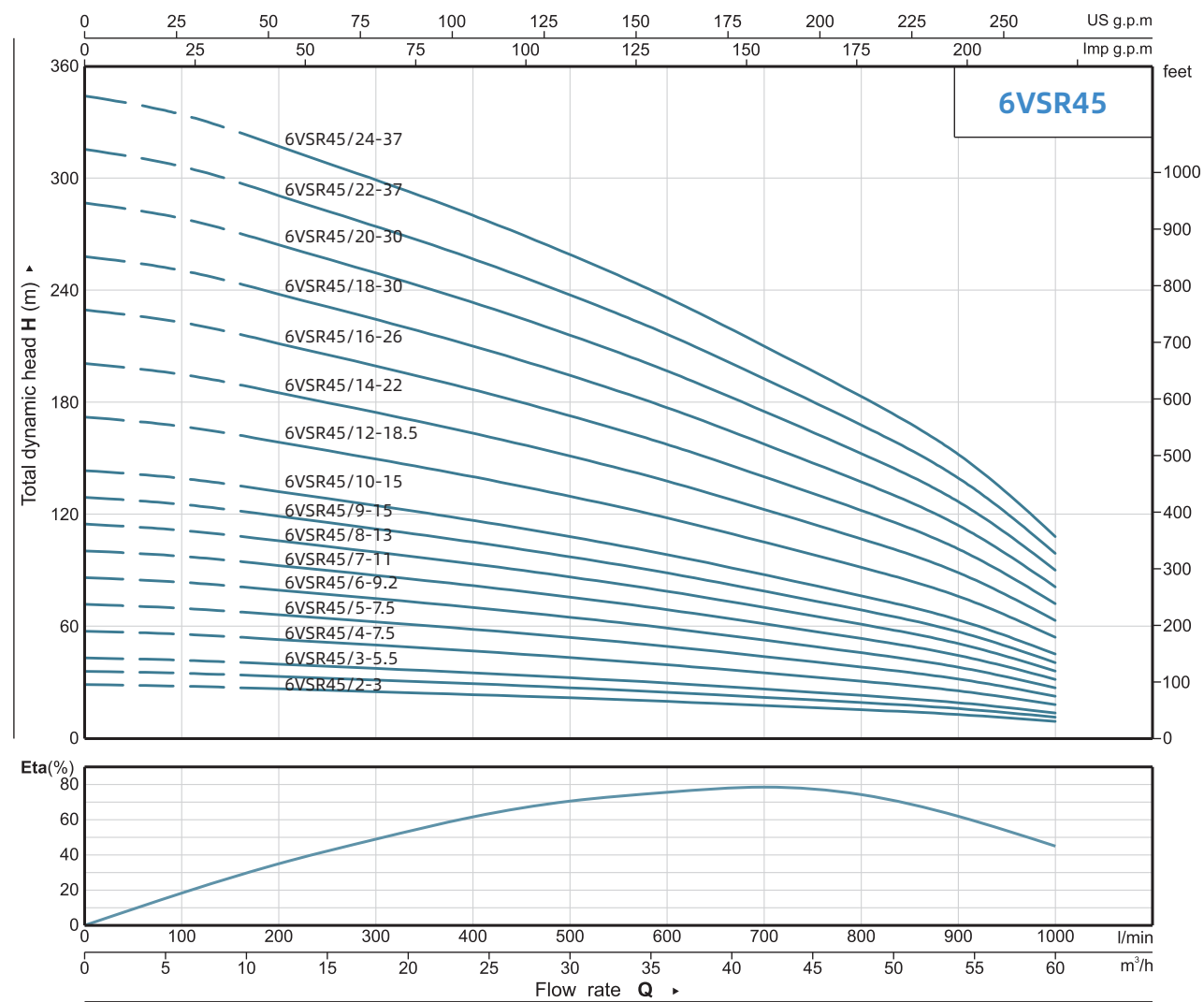
PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY												
	kW	HP	n≈2850 1/min												
			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		
6VSR18/3-2.2	2.2	3	H(m)	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	P ₂		DELIVERY									
3~ 380 - 415V	kW	HP	Q	n≈2850 1/min								
				$\frac{m^3}{h}$ l/min	0	6	12	18	24	30	36	42
				0	100	200	300	400	500	600	700	
6VSR30/2-2.2	2.2	3	H(m)	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		



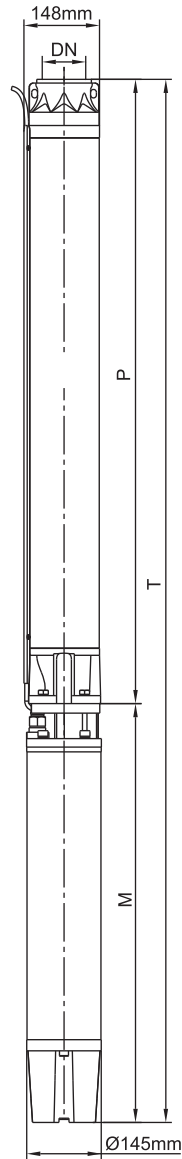
PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY													
	kW	HP	n≈2850 1/min													
			Q	0	6	12	18	24	30	36	42	48	54	60		
3~ 380 - 415V			m³/h l/min	0	100	200	300	400	500	600	700	800	900	1000		
6VSR45/2-3	3	4	H(m)	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															
	kW	HP	n≈2850 1/min															
			Q	0	6	12	18	24	30	36	42	48	54	60	66	72		
3~ 380 - 415V			m³/h l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200		
6VSR60/3-5.5	5.5	7.5	H(m)	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		

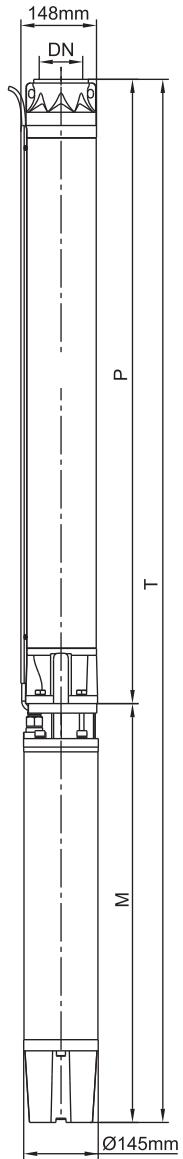
DIMENSION AND WEIGHT



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