

## Submersible Pump

# 6SR/6SRT Series

### Applications

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

### Motor and Pump

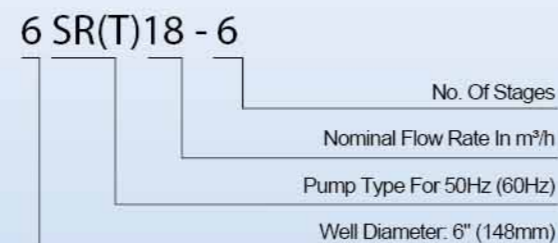
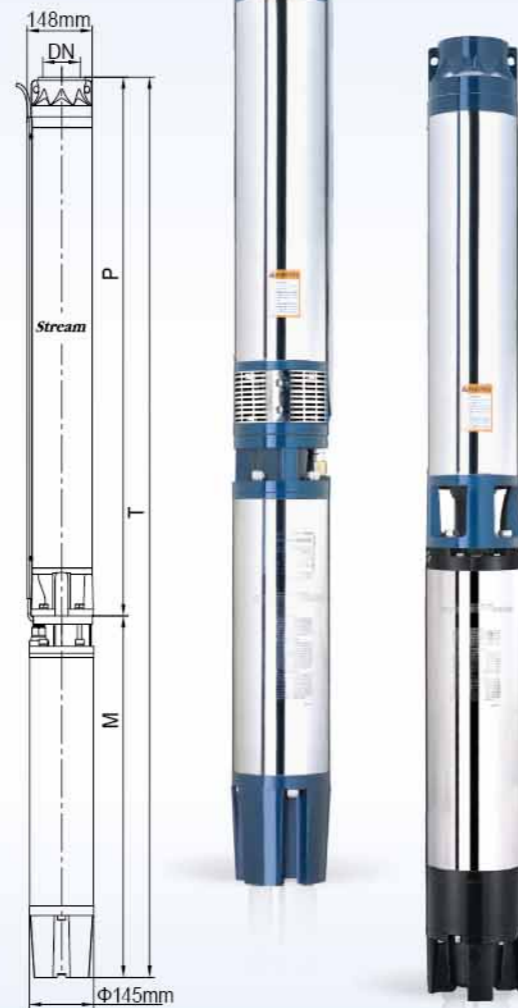
Rewindable motor  
Single-phase: 220v-240v/50Hz  
Three-phase: 380v-415v/50Hz  
1) Direct start (1 cable)  
2) Star-delta start (2 cable)  
Equip with start control box or digital auto-control box  
NEMA dimension standards  
Curve tolerance according to ISO 9906

### Operating conditions

Maximum fluid temperature up to  $\pm 35^{\circ}\text{C}$ .  
Maximum sand content: 0.25%.  
Minimum well diameter: 6"

### Options on request

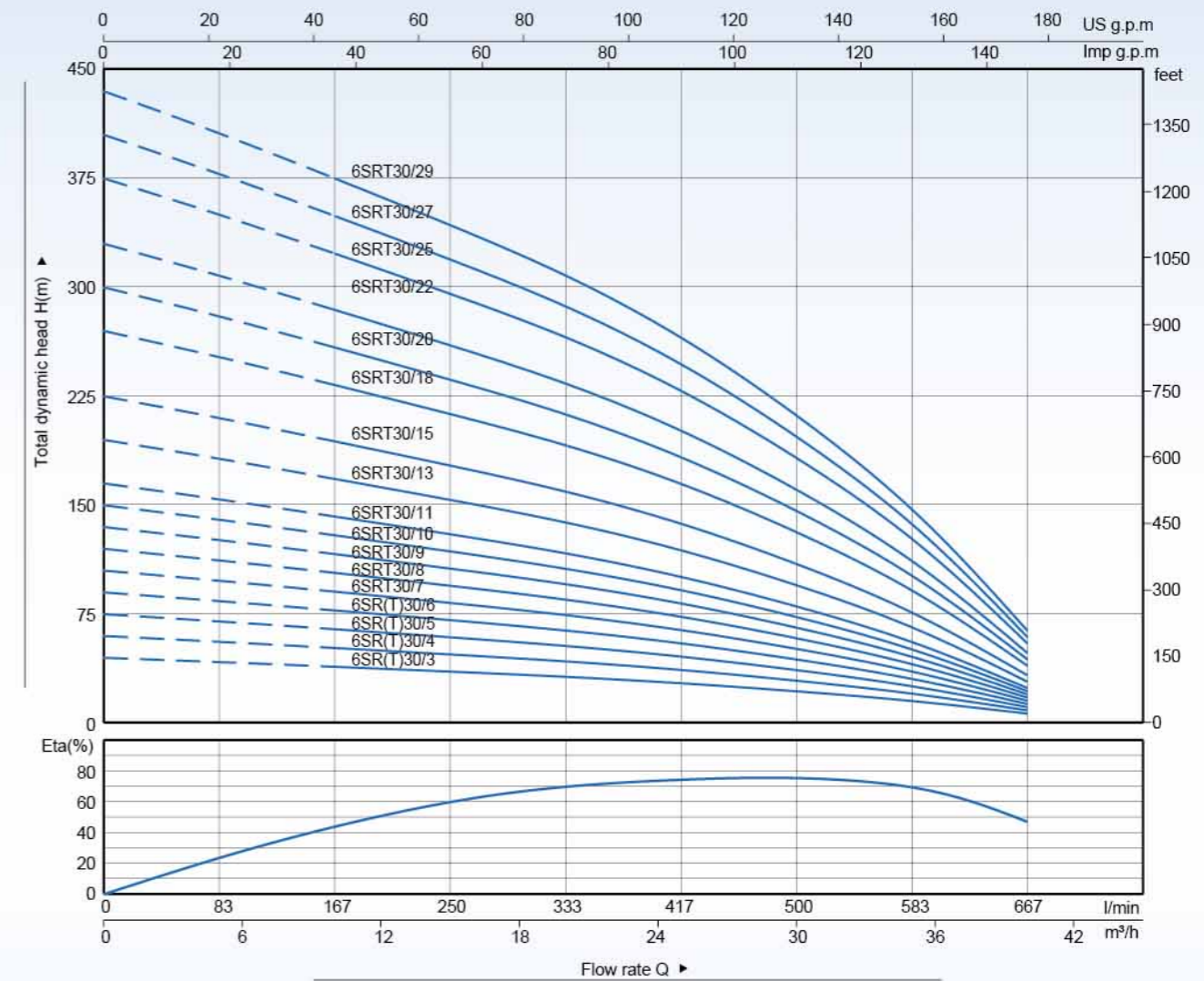
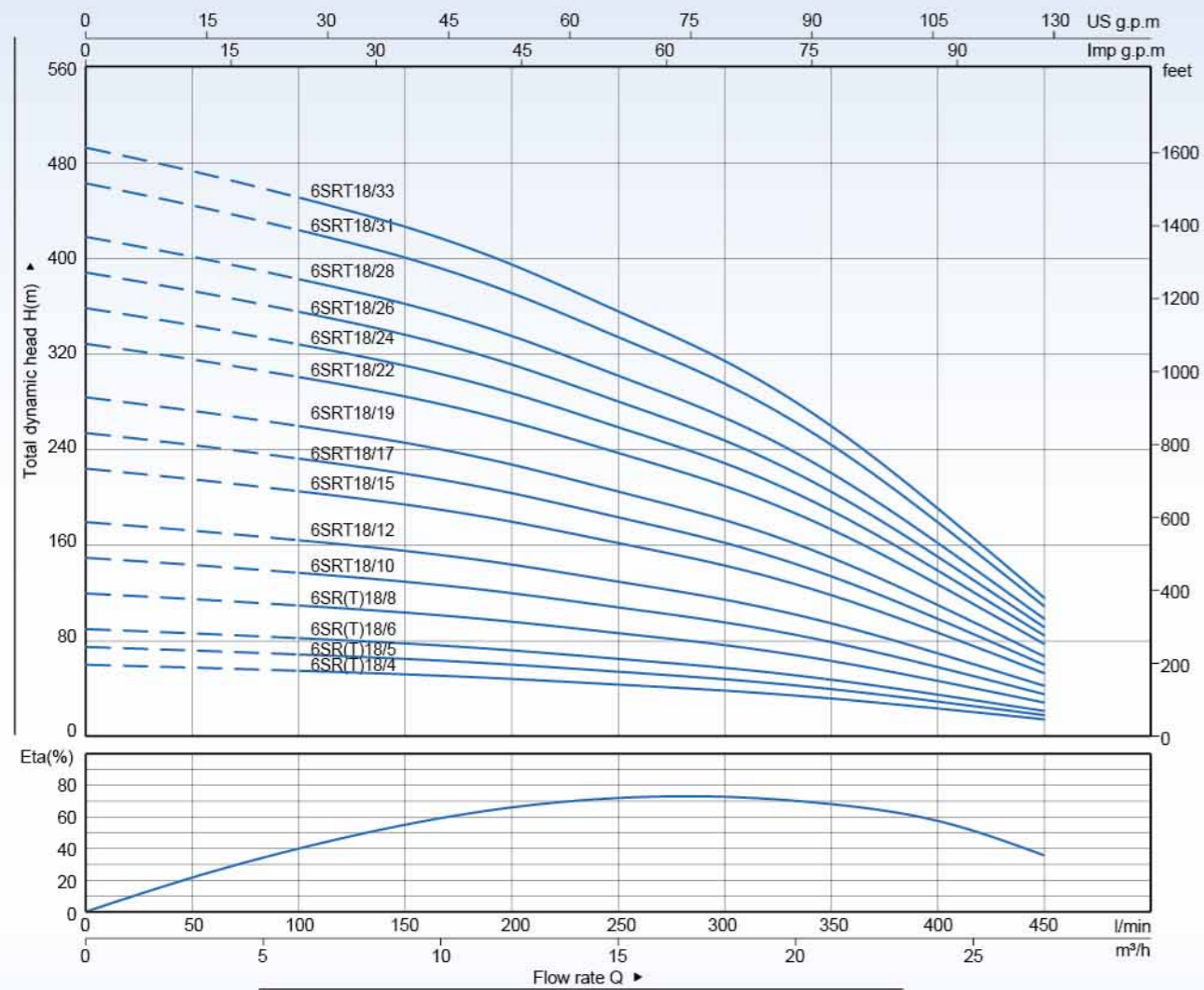
Special mechanical seal  
Other voltages or frequency 60Hz



### Components

### Details

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
Thrust bearing	1) AISI420 2) NSK
Radial bearing	1) Carbon with antimony 2) NSK

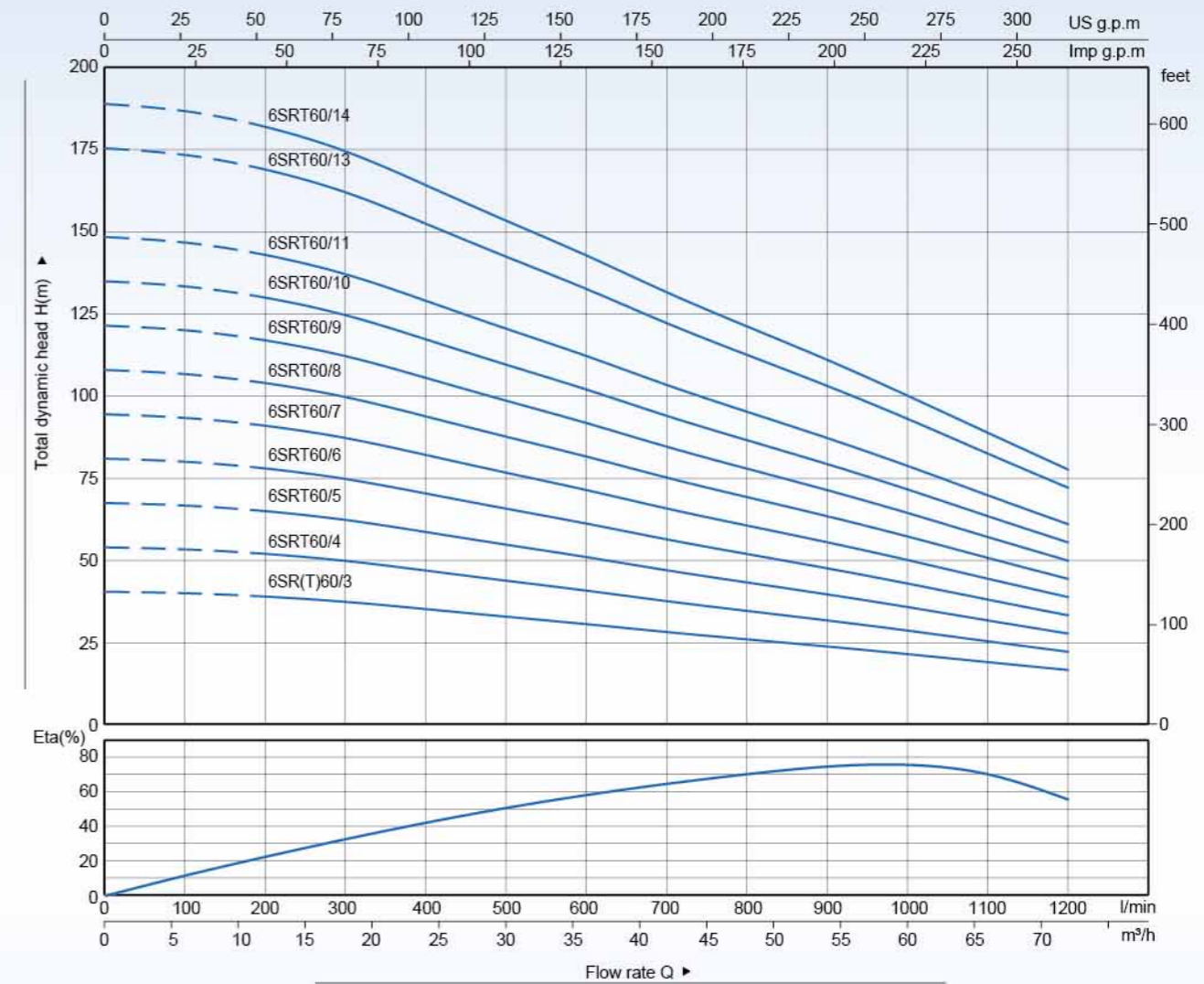
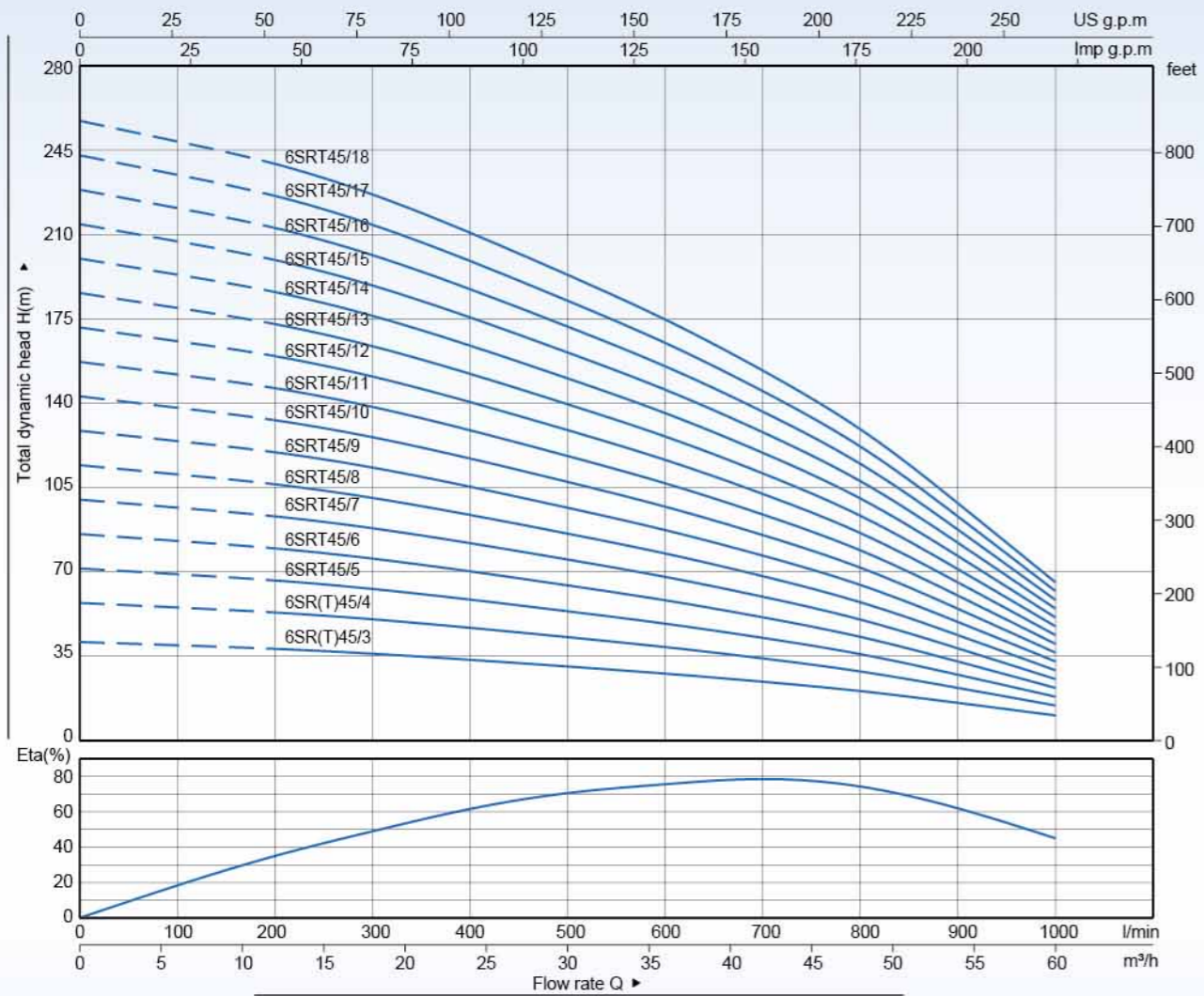


Performance Data 50Hz

Model		P <sub>2</sub>		Q		Delivery													n≈2850 1/min						
1~	3~	kW	HP	m³/h	l/min	0	3	6	9	12	15	18	21	24	27	0	50	100	150	200	250	300	350	400	450
220V/240V	380V/415V					0	3	6	9	12	15	18	21	24	27										
6SR18/4	6SRT18/4	3	4	60	57	55	52	48	43	38	31	23	14												
6SR18/5	6SRT18/5	3	4	75	72	68	64	60	54	48	39	29	17												
6SR18/6	6SRT18/6	4	5.5	89	86	82	77	72	65	57	47	34	21												
6SR18/8	6SRT18/8	5.5	7.5	119	114	109	103	96	86	76	63	46	28												
-	6SRT18/10	7.5	10	149	143	136	129	119	108	95	78	57	35												
-	6SRT18/12	9.2	12.5	179	172	164	155	143	129	114	94	69	42												
-	6SRT18/15	11	15	224	215	205	193	179	161	143	118	86	52												
-	6SRT18/17	13	17.5	253	243	232	219	203	183	162	133	97	59												
-	6SRT18/19	15	20	283	272	259	245	227	204	181	149	109	66												
-	6SRT18/22	18.5	25	328	315	300	283	263	237	209	173	126	77												
-	6SRT18/24	18.5	25	358	343	327	309	287	258	228	188	137	84												
-	6SRT18/26	22	30	388	372	355	335	310	280	247	204	149	91												
-	6SRT18/28	22	30	417	400	382	361	334	301	266	220	160	98												
-	6SRT18/31	26	35	462	443	423	399	370	333	295	243	178	108												
-	6SRT18/33	26	35	492	472	450	425	394	355	314	259	189	115												

Performance Data 50Hz

Model		P <sub>2</sub>		Q		Delivery													n≈2850 1/min						
1~	3~	kW	HP	m³/h	l/min	0	5	10	15	20	25	30	35	40	0	83	167	250	333	417	500	583	667		
220V/240V	380V/415V					0	5	10	15	20	25	30	35	40											
6SR30/3	6SRT30/3	3	4	45	42	39	36	32	28	22	15	6													
6SR30/4	6SRT30/4	4	5.5	60	56	52	48	42	37	29	20	8													
6SR30/5	6SRT30/5	5.5	7.5	75	70	65	60	53	46	36	25	10													
6SR30/6	6SRT30/6	5.5	7.5	90	84	78	72	63	55	44	30	12													
-	6SRT30/7	7.5	10	105	98	91	84	74	64	51	35	14													
-	6SRT30/8	7.5	10	120	112	103	95	84	73	58	41	16													
-	6SRT30/9	9.2	12.5	135	126	116	107	95	83	65	46	18													
-	6SRT30/10	11	15	150	140	129	119	106	92	73	51	20													
-	6SRT30/11	11	15	165	154	142	131	116	101	80	56	22													
-	6SRT30/13	13	17.5	195	182	168	155	137	119	95	66	26													
-	6SRT30/15	15	20	225	210	194	179	158	138	109	76	30													
-	6SRT30/18	18.5	25	270	252	233	215	190	165	131	91	36													
-	6SRT30/20	22	30	300	280	259	239	211	183	146	101	40													
-	6SRT30/22	22	30	330	308	284	262	232	202	160	112	44													
-	6SRT30/25	26	35	375	350	323	298	264	229	182	127	50													
-	6SRT30/27	30	40	405	378	349	322	285	248	196	137	54													
-	6SRT30/29	30	40	435	406	375	346	306	266	211	147	58													



**Performance Data 50Hz**

Model	P <sub>2</sub>	Q	Delivery	n=2850 1/min														
				1~	3~	kW	HP	m³/h	0	6	12	18	24	30	36	42	48	54
220V/240V	380V/415V			l/min	0	100	200	300	300	500	600	700	800	900	1000			
6SR45/3	6SRT45/3	4	5.5		43	41	40	38	35	32	29	26	22	16	11			
6SR45/4	6SRT45/4	5.5	7.5		57	55	53	50	47	43	39	34	29	22	15			
-	6SRT45/5	7.5	10		71	69	66	63	58	54	48	43	36	27	18			
-	6SRT45/6	9.2	12.5		86	83	80	76	70	64	58	51	43	33	22			
-	6SRT45/7	11	15		100	97	93	88	82	75	68	60	50	38	26			
-	6SRT45/8	11	15		114	110	106	101	94	86	78	68	58	44	29			
-	6SRT45/9	13	17.5		129	124	120	113	105	97	87	77	65	49	33			
-	6SRT45/10	15	20		143	138	133	126	117	107	97	85	72	54	36			
-	6SRT45/11	18.5	25		157	152	146	139	129	118	107	94	79	60	40			
-	6SRT45/12	18.5	25		172	166	160	151	140	129	116	103	86	65	44			
-	6SRT45/13	22	30		186	179	173	164	152	140	126	111	94	71	47			
-	6SRT45/14	22	30		200	193	186	176	164	150	136	120	101	76	51			
-	6SRT45/15	26	35		215	207	200	189	176	161	145	128	108	82	55			
-	6SRT45/16	26	35		229	221	213	202	187	172	155	137	115	87	58			
-	6SRT45/17	30	40		243	235	226	214	199	183	165	145	122	93	62			
-	6SRT45/18	30	40		257	248	239	227	211	194	175	154	130	98	66			

**Performance Data 50Hz**

Model	P <sub>2</sub>	Q	Delivery	n=2850 1/min																
				1~	3~	kW	HP	m³/h	0	6	12	18	24	30	36	42	48	54	60	66
220V/240V	380V/415V			l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200			
6SR60/3	6SRT60/3	5.5	7.5		41	40	39	37	35	33	31	28	26	24	22	19	17			
-	6SRT60/4	7.5	10		54	53	52	50	47	44	41	38	34	32	29	26	22			
-	6SRT60/5	11	15		68	67	65	62	59	55	51	47	43	40	36	32	28			
-	6SRT60/6	13	17.5		81	80	78	75	70	66	61	57	51	48	43	39	33			
-	6SRT60/7	15	20		95	93	91	87	82	76	71	66	60	55	50	45	39			
-	6SRT60/8	18.5	25		108	107	104	100	94	87	82	75	69	63	58	51	45			
-	6SRT60/9	18.5	25		122	120	117	112	105	98	92	85	77	71	65	58	50			
-	6SRT60/10	22	30		135	134	130	125	117	109	102	94	86	79	72	64	56			
-	6SRT60/11	26	35		149	147	143	138	129	120	112	104	94	87	79	71	61			
-	6SRT60/13	30	40		176	174	169	163	152	142	133	123	111	103	94	84	72			
-	6SRT60/14	30	40		189	187	182	175	164	153	143	132	120	111	101	90	78			

Dimensions And Weights

Model		DN	Dimensions(mm)				Weight(kg)					
1~ 220V/240V	3~ 380V/415V	P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)	
6SR18/4	6SRT18/4	2 1/2"/3"	579	574	539	1153	1118	16.3	34.2	32.5	50.5	48.8
6SR18/5	6SRT18/5	2 1/2"/3"	624	604	569	1228	1193	18.1	38.8	36.9	56.9	55.0
6SR18/6	6SRT18/6	2 1/2"/3"	669	634	599	1303	1268	19.9	41.7	40.3	61.6	60.2
6SR18/8	6SRT18/8	2 1/2"/3"	759	684	639	1443	1398	21.7	46.5	44.8	68.2	66.5
-	6SRT18/10	2 1/2"/3"	849	-	689	-	1538	23.5	-	50.4	-	73.9
-	6SRT18/12	2 1/2"/3"	939	-	739	-	1678	25.3	-	56.0	-	81.3
-	6SRT18/15	2 1/2"/3"	1145	-	789	-	1934	27.1	-	61.7	-	88.8
-	6SRT18/17	2 1/2"/3"	1235	-	839	-	2074	28.9	-	67.3	-	96.2
-	6SRT18/19	2 1/2"/3"	1325	-	889	-	2214	30.7	-	72.9	-	103.6
-	6SRT18/22	2 1/2"/3"	1460	-	939	-	2399	32.5	-	80.9	-	113.4
-	6SRT18/24	2 1/2"/3"	1549	-	939	-	2488	34.3	-	80.9	-	115.2
-	6SRT18/26	2 1/2"/3"	1639	-	1019	-	2658	36.1	-	91.6	-	127.7
-	6SRT18/28	2 1/2"/3"	1801	-	1019	-	2820	37.9	-	91.6	-	129.5
-	6SRT18/31	2 1/2"/3"	1936	-	1099	-	3035	39.7	-	102.3	-	142.0
-	6SRT18/33	2 1/2"/3"	2025	-	1099	-	3124	41.5	-	102.3	-	143.8
6SR30/3	6SRT30/3	3"/4"	561	604	569	1165	1130	16.3	38.8	36.9	55.1	53.2
6SR30/4	6SRT30/4	3"/4"	615	634	599	1249	1214	17.4	41.7	40.3	59.1	57.7
6SR30/5	6SRT30/5	3"/4"	669	684	639	1353	1308	18.5	46.5	44.8	65.0	63.3
6SR30/6	6SRT30/6	3"/4"	723	684	639	1407	1362	19.6	46.5	44.8	66.1	64.4
-	6SRT30/7	3"/4"	777	-	689	-	1466	20.7	-	50.4	-	71.1
-	6SRT30/8	3"/4"	831	-	689	-	1520	21.8	-	50.4	-	72.2
-	6SRT30/9	3"/4"	885	-	739	-	1624	22.9	-	56.0	-	78.9
-	6SRT30/10	3"/4"	939	-	789	-	1728	24.0	-	61.7	-	85.7
-	6SRT30/11	3"/4"	1065	-	789	-	1854	25.1	-	61.7	-	86.8
-	6SRT30/13	3"/4"	1172	-	839	-	2011	26.2	-	67.3	-	93.5
-	6SRT30/15	3"/4"	1280	-	889	-	2169	27.3	-	72.9	-	100.2
-	6SRT30/18	3"/4"	1442	-	939	-	2381	28.4	-	80.9	-	109.3
-	6SRT30/20	3"/4"	1550	-	1019	-	2569	29.5	-	91.6	-	121.1
-	6SRT30/22	3"/4"	1658	-	1019	-	2677	30.6	-	91.6	-	122.2
-	6SRT30/25	3"/4"	381	-	1099	-	1480	31.7	-	102.3	-	134.0
-	6SRT30/27	3"/4"	1999	-	1179	-	3178	32.8	-	113.0	-	145.8
-	6SRT30/29	3"/4"	2107	-	1179	-	3286	33.9	-	113.0	-	146.9

Dimensions And Weights

Model		DN	Dimensions(mm)				Weight(kg)					
1~ 220V/240V	3~ 380V/415V	P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)	
6SR45/3	6SRT45/3	3"/4"	675	634	599	1309	1274	16.1	41.7	40.3	57.8	56.4
6SR45/4	6SRT45/4	3"/4"	767	684	639	1451	1406	17.4	46.5	44.8	63.9	62.2
-	6SRT45/5	3"/4"	859	-	689	-	1548	18.7	-	50.4	-	69.1
-	6SRT45/6	3"/4"	951	-	739	-	1690	20.0	-	56.0	-	76.0
-	6SRT45/7	3"/4"	1115	-	789	-	1904	21.3	-	61.7	-	83.0
-	6SRT45/8	3"/4"	1207	-	789	-	1996	22.6	-	61.7	-	84.3
-	6SRT45/9	3"/4"	1299	-	889	-	2138	23.9	-	67.3	-	91.2
-	6SRT45/10	3"/4"	1391	-	889	-	2280	25.2	-	72.9	-	98.1
-	6SRT45/11	3"/4"	1483	-	939	-	2422	26.5	-	80.9	-	107.4
-	6SRT45/12	3"/4"	1575	-	939	-	2514	27.8	-	80.9	-	108.7
-	6SRT45/13	3"/4"	1666	-	1019	-	2685	29.1	-	91.6	-	120.7
-	6SRT45/14	3"/4"	1830	-	1019	-	2849	30.4	-	91.6	-	122.0
-	6SRT45/15	3"/4"	1922	-	1099	-	3021	31.7	-	102.3	-	134.0
-	6SRT45/16	3"/4"	2014	-	1099	-	3113	33.0	-	102.3	-	135.0
-	6SRT45/17	3"/4"	2106	-	1179	-	3285	34.3	-	113.0	-	147.3
-	6SRT45/18	3"/4"	2198	-	1179	-	3377	35.6	-	113.0	-	148.6
6SR60/3	6SRT60/3	3"/4"	718	684	639	1402	1357	17.1	46.5	44.8	63.6	61.9
-	6SRT60/4	3"/4"	825	-	689	-	1514	18.6	-	50.4	-	69.0
-	6SRT60/5	3"/4"	931	-	789	-	1720	20.1	-	61.7	-	81.8
-	6SRT60/6	3"/4"	1037	-	839	-	1876	21.6	-	67.3	-	88.9
-	6SRT60/7	3"/4"	1215	-	889	-	2104	23.1	-	72.9	-	96.0
-	6SRT60/8	3"/4"	1321	-	939	-	2260	24.6	-	80.9	-	105.5
-	6SRT60/9	3"/4"	1428	-	939	-	2367	26.1	-	80.9	-	107.0
-	6SRT60/10	3"/4"	1534	-	1019	-	2553	27.6	-	91.6	-	119.2
-	6SRT60/11	3"/4"	1640	-	1099	-	2739	29.1	-	102.3	-	131.4
-	6SRT60/13	3"/4"	1746	-	1179	-	2925	32.1	-	113.0	-	145.1
-	6SRT60/14	3"/4"	1959	-	1179	-	3138	33.6	-	113.0	-	146.6