

4SP

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
Single-phase: 220 - 240V/50Hz
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
Single phase motor with built-in capacitor

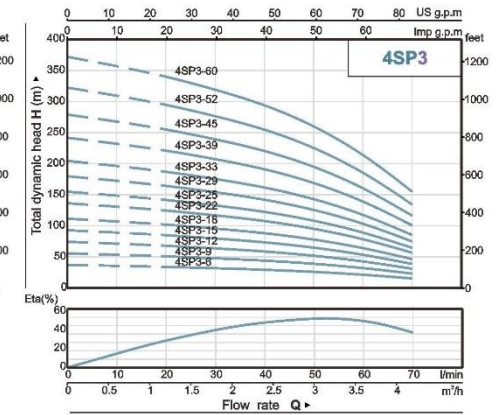
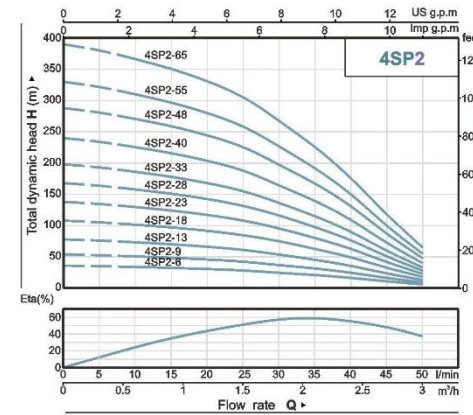
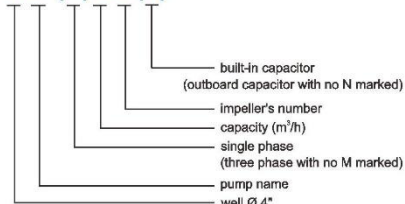
Warranty: 2 years

(according to our general sales conditions)



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 420 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 SP (M) 2-6 (N)

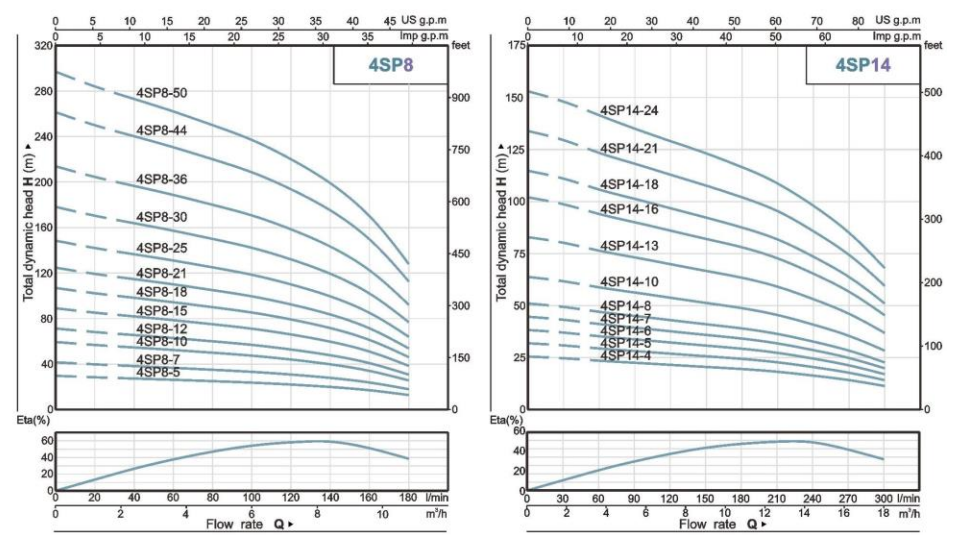
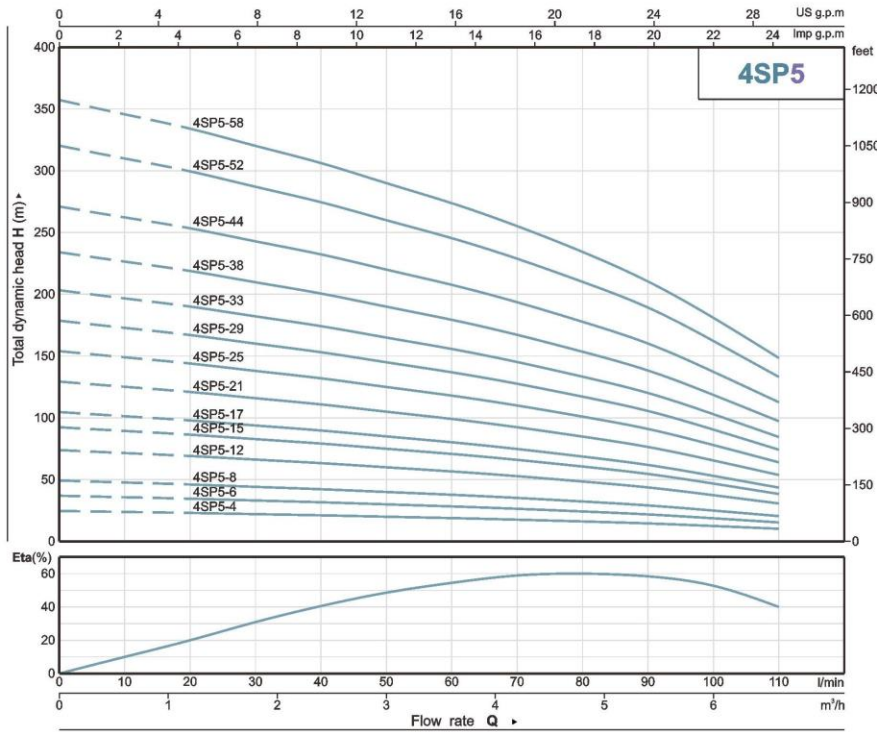


PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h										
0	0.3	0.6	0.9		1.2	1.5	1.8	2.1	2.4	2.7	3.0				
4SPM2-6	4SP2-6	0.37	0.5	0	5	10	15	20	25	30	35	40	45	50	
4SPM2-9	4SP2-9	0.37	0.5	36	35	34	32	31	28	25	21	16	11	6	
4SPM2-13	4SP2-13	0.55	0.75	54	53	51	48	46	42	37	31	25	17	9	
4SPM2-18	4SP2-18	0.75	1	78	76	73	70	66	61	54	45	35	24	13	
4SPM2-23	4SP2-23	1.1	1.5	108	105	102	97	92	85	75	63	49	34	18	
4SPM2-28	4SP2-28	1.3	1.75	138	134	130	124	117	108	96	80	63	43	23	
4SPM2-33	4SP2-33	1.5	2	168	164	158	151	143	132	116	97	76	53	28	
4SPM2-40	4SP2-40	1.8	2.5	198	193	186	178	168	155	137	115	90	62	32	
4SPM2-48	4SP2-48	2.2	3	240	234	226	215	204	188	166	139	109	75	39	
4SPM2-55	4SP2-55	2.6	3.5	288	281	271	258	244	226	199	167	131	90	47	
-	4SP2-65	3	4	330	322	311	296	280	259	228	191	150	103	54	
-	-	-	-	390	380	367	350	331	306	270	226	177	122	64	

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min								
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h							
0	0.6	1.2	1.8		2.4	3.0	3.6	4.2				
4SPM3-6	4SP3-6	0.37	0.5	0	10	20	30	40	50	60	70	
4SPM3-9	4SP3-9	0.55	0.75	37	36	34	32	29	26	21	16	
4SPM3-12	4SP3-12	0.75	1	56	54	51	48	44	39	32	23	
4SPM3-15	4SP3-15	0.92	1.25	74	71	68	64	59	52	43	31	
4SPM3-18	4SP3-18	1.1	1.5	93	89	85	80	74	65	54	39	
4SPM3-22	4SP3-22	1.3	1.75	112	107	102	96	88	78	64	47	
4SPM3-25	4SP3-25	1.5	2	136	131	125	117	108	95	78	57	
4SPM3-29	4SP3-29	1.8	2.5	155	149	142	133	123	108	89	65	
4SPM3-33	4SP3-33	2.2	3	180	173	164	154	142	126	103	75	
4SPM3-39	4SP3-39	2.6	3.5	205	196	187	175	162	143	118	85	
-	4SP3-45	3	4	242	232	221	207	191	169	139	101	
-	4SP3-52	3.7	5	279	268	255	239	221	195	161	116	
-	4SP3-60	4	5.5	322	309	295	276	255	225	185	134	
-	-	-	-	372	357	340	319	294	260	214	155	



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min																					
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q		H(m)																			
				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										
4SPM5-4	4SP5-4	0.37	0.5	25	24	23	22	21	20	19	18	16	15	12	10										
4SPM5-6	4SP5-6	0.55	0.75	37	36	35	33	32	30	28	26	24	22	19	15										
4SPM5-8	4SP5-8	0.75	1	49	48	46	44	42	40	38	35	32	29	25	20										
4SPM5-12	4SP5-12	1.1	1.5	74	72	69	66	63	60	57	53	48	44	37	31										
4SPM5-15	4SP5-15	1.3	1.75	92	89	86	83	79	75	71	66	61	55	47	38										
4SPM5-17	4SP5-17	1.5	2	105	101	98	94	90	85	80	75	69	62	53	44										
4SPM5-21	4SP5-21	1.8	2.5	129	125	121	116	111	105	99	92	85	76	66	54										
4SPM5-25	4SP5-25	2.2	3	154	149	144	138	132	125	118	110	101	91	78	64										
4SPM5-29	4SP5-29	2.6	3.5	179	173	167	160	153	145	137	128	117	106	90	74										
-	4SP5-33	3	4	203	197	190	182	174	165	156	145	133	120	103	84										
-	4SP5-38	3.7	5	234	226	219	210	201	190	179	167	154	138	119	97										
-	4SP5-44	4	5.5	271	262	253	243	232	220	208	194	178	160	137	113										
-	4SP5-52	5	7	320	310	300	287	275	260	245	229	210	189	162	133										
-	4SP5-58	5.5	7.5	357	346	334	320	306	290	274	255	234	211	181	148										

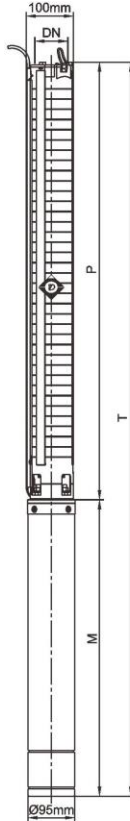
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q		H(m)										
				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			
4SPM8-5	4SP8-5	0.75	1	30	28	27	26	25	24	22	20	17	13			
4SPM8-7	4SP8-7	1.1	1.5	42	40	38	37	35	33	31	28	24	18			
4SPM8-10	4SP8-10	1.5	2	59	57	55	52	50	47	44	40	34	25			
4SPM8-12	4SP8-12	1.8	2.5	71	68	66	63	60	57	53	48	41	30			
4SPM8-15	4SP8-15	2.2	3	89	85	82	79	75	71	66	60	51	38			
-	4SP8-18	3	4	107	102	98	94	90	85	79	72	61	46			
-	4SP8-21	3.7	5	125	119	115	110	105	100	92	84	71	53			
-	4SP8-25	4	5.5	149	142	137	131	125	119	110	100	85	64			
-	4SP8-30	5	7	178	170	164	157	150	142	132	119	102	76			
-	4SP8-36	5.5	7.5	214	204	197	189	180	171	158	143	122	91			
-	4SP8-44	7	10	261	250	240	231	220	209	194	175	150	112			
-	4SP8-50	7.5	10	297	284	273	262	250	237	220	199	170	127			

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min															
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q		H(m)													
				m³/h	l/min	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	18			
				0	30	60	90	120	150	180	210	240	270	300					
4SPM14-4	4SP14-4	1.3	1.75	26	25	24	23	22	21	20	18	16	14	11					
4SPM14-5	4SP14-5	1.5	2	32	31	29	28	27	26	24	23	20	18	14					
4SPM14-6	4SP14-6	1.8	2.5	38	37	35	34	32	31	29	27	25	21	17					
4SPM14-7	4SP14-7	2.2	3	45	43	41	39	38	36	34	32	29	25	20					
4SPM14-8	4SP14-8	2.6	3.5	51	49	47	45	43	41	39	36	33	28	23					
-	4SP14-10	3	4	64	62	59	56	54	51	49	45	41	35	28					
-	4SP14-13	4	5.5	83	80	76	73	70	67	63	59	53	46	37					
-	4SP14-16	5	7	102	99	94	90	86	82	78	73	65	57	45					
-	4SP14-18	5.5	7.5	115	111	106	101	97	92	88	82	74	64	51					
-	4SP14-21	7	10	134	130	123	118	113	108	102	95	86	74	60					
-	4SP14-24	7.5	10	153	148	141	135	129	123	117	109	97	85	68					

DIMENSION AND WEIGHT



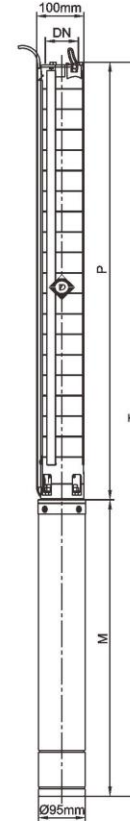
MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4SPM2-6	4SP2-6	1 1/4" / 1 1/2"	281	314	314	595	595	2.5	6.7	6.7	9.2	9.2
4SPM2-9	4SP2-9	1 1/4" / 1 1/2"	344	314	314	658	658	3.1	6.7	6.7	9.8	9.8
4SPM2-13	4SP2-13	1 1/4" / 1 1/2"	428	329	329	757	757	4.0	7.3	7.3	11.3	11.3
4SPM2-18	4SP2-18	1 1/4" / 1 1/2"	533	359	344	892	877	5.1	8.7	8.0	13.8	13.1
4SPM2-23	4SP2-23	1 1/4" / 1 1/2"	628	399	379	1027	1007	6.1	10.6	9.8	16.7	15.9
4SPM2-28	4SP2-28	1 1/4" / 1 1/2"	743	424	424	1167	1167	7.2	11.7	11.7	18.9	18.9
4SPM2-33	4SP2-33	1 1/4" / 1 1/2"	848	449	424	1297	1272	8.1	12.9	11.7	21.0	19.8
4SPM2-40	4SP2-40	1 1/4" / 1 1/2"	995	502	514	1497	1509	9.8	15.7	15.7	25.5	25.5
4SPM2-48	4SP2-48	1 1/4" / 1 1/2"	1163	542	514	1705	1677	11.5	17.7	15.7	29.2	27.2
4SPM2-55	4SP2-55	1 1/4" / 1 1/2"	1310	594	554	1904	1864	13.0	19.8	17.7	32.8	30.7
-	4SP2-65	1 1/4" / 1 1/2"	1520	-	594	-	2114	15.2	-	19.8	-	35.0

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4SPM3-6	4SP3-6	1 1/4" / 1 1/2"	281	314	314	595	595	2.5	6.7	6.7	9.2	9.2
4SPM3-9	4SP3-9	1 1/4" / 1 1/2"	344	329	329	673	673	3.2	7.3	7.3	10.5	10.5
4SPM3-12	4SP3-12	1 1/4" / 1 1/2"	407	359	344	766	751	3.8	8.7	8.0	12.5	11.8
4SPM3-15	4SP3-15	1 1/4" / 1 1/2"	470	379	379	849	849	4.5	9.8	9.8	14.3	14.3
4SPM3-18	4SP3-18	1 1/4" / 1 1/2"	533	399	379	932	912	5.1	10.6	9.8	15.7	14.9
4SPM3-22	4SP3-22	1 1/4" / 1 1/2"	617	424	424	1041	1041	6.0	11.7	11.7	17.7	17.7
4SPM3-25	4SP3-25	1 1/4" / 1 1/2"	680	449	424	1129	1104	6.6	12.9	11.7	19.5	18.3
4SPM3-29	4SP3-29	1 1/4" / 1 1/2"	764	502	514	1266	1278	7.5	15.7	15.7	23.2	23.2
4SPM3-33	4SP3-33	1 1/4" / 1 1/2"	848	542	514	1390	1362	8.4	17.7	15.7	26.1	24.1
4SPM3-39	4SP3-39	1 1/4" / 1 1/2"	974	594	554	1568	1528	9.7	19.8	17.7	29.5	27.4
-	4SP3-45	1 1/4" / 1 1/2"	1100	-	594	-	1694	11.0	-	19.8	-	30.8
-	4SP3-52	1 1/4" / 1 1/2"	1247	-	658	-	1905	12.5	-	21.4	-	33.9
-	4SP3-60	1 1/4" / 1 1/2"	1415	-	698	-	2113	14.3	-	23.7	-	38.0

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4SPM5-4	4SP5-4	1 1/4" / 1 1/2"	251	314	314	565	565	2.2	6.7	6.7	8.9	8.9
4SPM5-6	4SP5-6	1 1/4" / 1 1/2"	299	329	329	628	628	2.6	7.3	7.3	9.9	9.9
4SPM5-8	4SP5-8	1 1/4" / 1 1/2"	347	359	344	706	691	3.1	8.7	8.0	11.8	11.1
4SPM5-12	4SP5-12	1 1/4" / 1 1/2"	443	399	379	842	822	4.0	10.6	9.8	14.6	13.8
4SPM5-15	4SP5-15	1 1/4" / 1 1/2"	515	424	424	939	939	4.7	11.7	11.7	16.4	16.4
4SPM5-17	4SP5-17	1 1/4" / 1 1/2"	563	449	424	1012	987	5.1	12.9	11.7	18.0	16.8
4SPM5-21	4SP5-21	1 1/4" / 1 1/2"	659	502	514	1161	1173	6.1	15.7	15.7	21.8	21.8
4SPM5-25	4SP5-25	1 1/4" / 1 1/2"	755	542	514	1297	1269	7.0	17.7	15.7	24.7	22.7
4SPM5-29	4SP5-29	1 1/4" / 1 1/2"	851	594	554	1445	1405	7.9	19.8	17.7	27.7	25.6
-	4SP5-33	1 1/4" / 1 1/2"	947	-	594	-	1541	8.8	-	19.8	-	28.6
-	4SP5-38	1 1/4" / 1 1/2"	1067	-	658	-	1725	10.0	-	21.4	-	31.4
-	4SP5-44	1 1/4" / 1 1/2"	1208	-	698	-	1906	11.3	-	23.7	-	35.0
-	4SP5-52	1 1/4" / 1 1/2"	1397	-	738	-	2135	13.2	-	25.5	-	38.7
-	4SP5-58	1 1/4" / 1 1/2"	1538	-	788	-	2326	14.5	-	28.0	-	42.5

- M(S) is single phase motor, M(T) is three phase motor.
- T(S) is single phase motor, T(T) is three phase motor.

DIMENSION AND WEIGHT



MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4SPM8-5	4SP8-5	1 1/2" / 2"	415	359	344	774	759	4.4	8.7	8.0	13.1	12.4
4SPM8-7	4SP8-7	1 1/2" / 2"	499	399	379	898	878	5.0	10.6	9.8	15.6	14.8
4SPM8-10	4SP8-10	1 1/2" / 2"	625	449	424	1074	1049	6.0	12.9	11.7	18.9	17.7
4SPM8-12	4SP8-12	1 1/2" / 2"	709	502	514	1211	1223	6.7	15.7	15.7	22.4	22.4
4SPM8-15	4SP8-15	1 1/2" / 2"	835	542	514	1377	1349	7.7	17.7	15.7	25.4	23.4
-	4SP8-18	1 1/2" / 2"	961	-	594	-	1555	8.7	-	19.8	-	28.5
-	4SP8-21	1 1/2" / 2"	1087	-	658	-	1745	9.7	-	21.4	-	31.1
-	4SP8-25	1 1/2" / 2"	1213	-	698	-	1911	10.7	-	23.7	-	34.4
-	4SP8-30	1 1/2" / 2"	1465	-	738	-	2203	12.7	-	25.5	-	38.2
-	4SP8-36	1 1/2" / 2"	1717	-	788	-	2505	14.7	-	28.0	-	42.7
-	4SP8-44	1 1/2" / 2"	2053	-	848	-	2901	17.4	-	30.0	-	47.4
-	4SP8-50	1 1/2" / 2"	2305	-	908	-	3213	18.4	-	34.0	-	52.4

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4SPM14-4	4SP14-4	1 1/2" / 2"	544	424	424	968	968	4.1	11.7	11.7	15.8	15.8
4SPM14-5	4SP14-5	1 1/2" / 2"	628	449	424	1077	1052	4.4	12.9	11.7	17.3	16.1
4SPM14-6	4SP14-6	1 1/2" / 2"	754	514	514	1268	1268	4.7	15.7	15.7	20.4	20.4
4SPM14-7	4SP14-7	1 1/2" / 2"	838	554	514	1392	1352	5.0	17.7	15.7	22.7	20.7
4SPM14-8	4SP14-8	1 1/2" / 2"	922	594	554	1516	1476	5.3	19.8	17.7	25.1	23.0
-	4SP14-10	1 1/2" / 2"	1006	-	594	-	1600	6.0	-	19.8	-	25.8
-	4SP14-13	1 1/2" / 2"	1258	-	669	-	1927	7.0	-	23.7	-	30.7
-	4SP14-16	1 1/2" / 2"	1510	-	709	-	2219	7.9	-	25.5	-	33.4
-	4SP14-18	1 1/2" / 2"	1678	-	788	-	2466	8.5	-	28.0	-	36.5
-	4SP14-21	1 1/2" / 2"	1930	-	848	-	2778	9.4	-	30.0	-	39.4
-	4SP14-24	1 1/2" / 2"	2182	-	908	-	3090	10.3	-	34.0	-	44.3

- M(S) is single phase motor, M(T) is three phase motor.
- T(S) is single phase motor, T(T) is three phase motor.

4SP

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
Single-phase: 220 - 240V/50Hz
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
Single phase motor with built-in capacitor

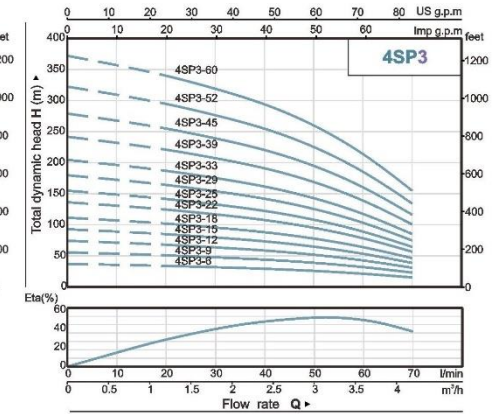
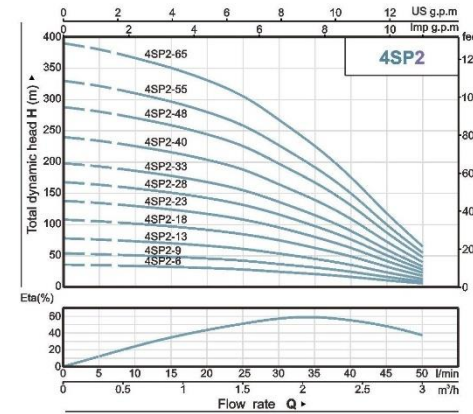
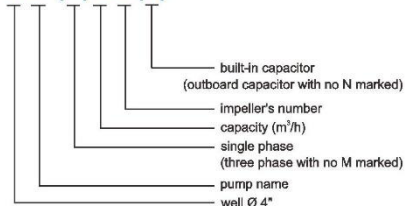
Warranty: 2 years

(according to our general sales conditions)



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 420 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 SP (M) 2-6 (N)

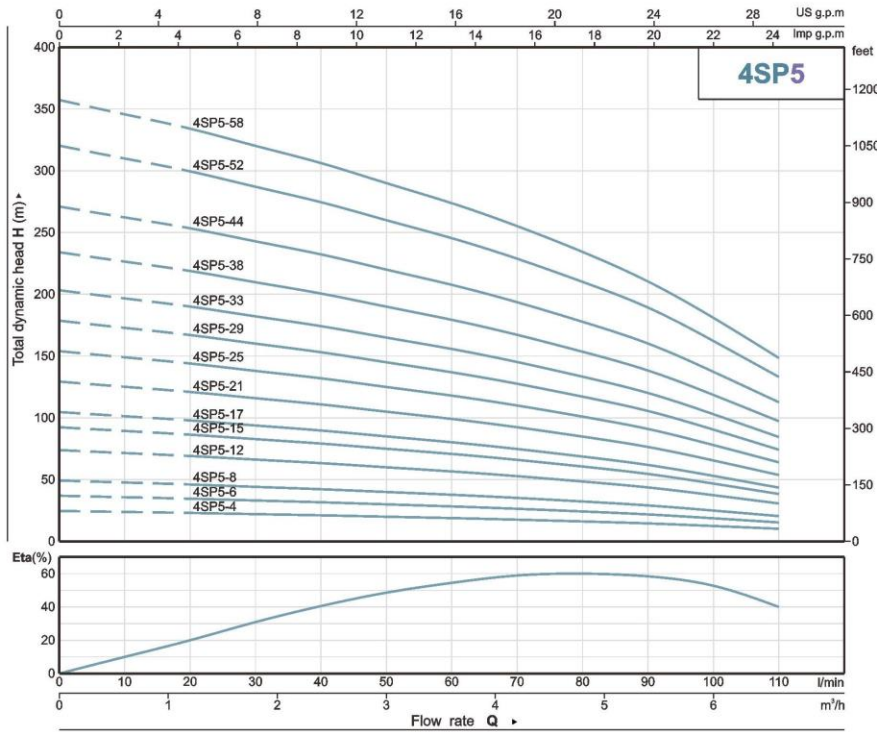


PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m³/h l/min											
					0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	
4SPM2-6	4SP2-6	0.37	0.5	H(m)	36	35	34	32	31	28	25	21	16	11	6	
4SPM2-9	4SP2-9	0.37	0.5		54	53	51	48	46	42	37	31	25	17	9	
4SPM2-13	4SP2-13	0.55	0.75		78	76	73	70	66	61	54	45	35	24	13	
4SPM2-18	4SP2-18	0.75	1		108	105	102	97	92	85	75	63	49	34	18	
4SPM2-23	4SP2-23	1.1	1.5		138	134	130	124	117	108	96	80	63	43	23	
4SPM2-28	4SP2-28	1.3	1.75		168	164	158	151	143	132	116	97	76	53	28	
4SPM2-33	4SP2-33	1.5	2		198	193	186	178	168	155	137	115	90	62	32	
4SPM2-40	4SP2-40	1.8	2.5		240	234	226	215	204	188	166	139	109	75	39	
4SPM2-48	4SP2-48	2.2	3		288	281	271	258	244	226	199	167	131	90	47	
4SPM2-55	4SP2-55	2.6	3.5		330	322	311	296	280	259	228	191	150	103	54	
-	4SP2-65	3	4		390	380	367	350	331	306	270	226	177	122	64	

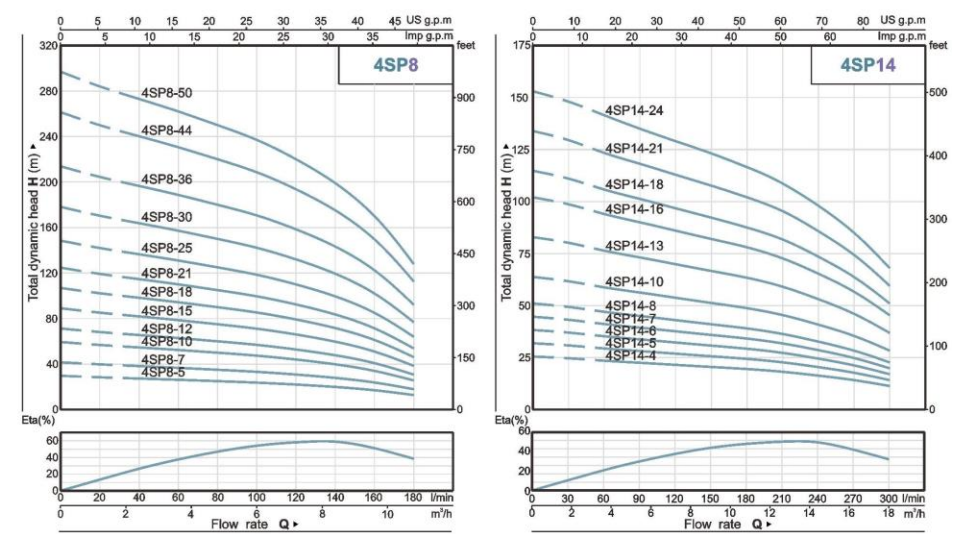
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min									
1~ 220 - 240V	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	
4SPM3-6	4SP3-6	0.37	0.5	H(m)	37	36	34	32	29	26	21	16	
4SPM3-9	4SP3-9	0.55	0.75		56	54	51	48	44	39	32	23	
4SPM3-12	4SP3-12	0.75	1		74	71	68	64	59	52	43	31	
4SPM3-15	4SP3-15	0.92	1.25		93	89	85	80	74	65	54	39	
4SPM3-18	4SP3-18	1.1	1.5		112	107	102	96	88	78	64	47	
4SPM3-22	4SP3-22	1.3	1.75		136	131	125	117	108	95	78	57	
4SPM3-25	4SP3-25	1.5	2		155	149	142	133	123	108	89	65	
4SPM3-29	4SP3-29	1.8	2.5		180	173	164	154	142	126	103	75	
4SPM3-33	4SP3-33	2.2	3		205	196	187	175	162	143	118	85	
4SPM3-39	4SP3-39	2.6	3.5		242	232	221	207	191	169	139	101	
-	4SP3-45	3	4		279	268	255	239	221	195	161	116	
-	4SP3-52	3.7	5		322	309	295	276	255	225	185	134	
-	4SP3-60	4	5.5	372	357	340	319	294	260	214	155		



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min																
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q		H(m)														
				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					
4SPM5-4	4SP5-4	0.37	0.5	25	24	23	22	21	20	19	18	16	15	12	10					
4SPM5-6	4SP5-6	0.55	0.75	37	36	35	33	32	30	28	26	24	22	19	15					
4SPM5-8	4SP5-8	0.75	1	49	48	46	44	42	40	38	35	32	29	25	20					
4SPM5-12	4SP5-12	1.1	1.5	74	72	69	66	63	60	57	53	48	44	37	31					
4SPM5-15	4SP5-15	1.3	1.75	92	89	86	83	79	75	71	66	61	55	47	38					
4SPM5-17	4SP5-17	1.5	2	105	101	98	94	90	85	80	75	69	62	53	44					
4SPM5-21	4SP5-21	1.8	2.5	129	125	121	116	111	105	99	92	85	76	66	54					
4SPM5-25	4SP5-25	2.2	3	154	149	144	138	132	125	118	110	101	91	78	64					
4SPM5-29	4SP5-29	2.6	3.5	179	173	167	160	153	145	137	128	117	106	90	74					
-	4SP5-33	3	4	203	197	190	182	174	165	156	145	133	120	103	84					
-	4SP5-38	3.7	5	234	226	219	210	201	190	179	167	154	138	119	97					
-	4SP5-44	4	5.5	271	262	253	243	232	220	208	194	178	160	137	113					
-	4SP5-52	5	7	320	310	300	287	275	260	245	229	210	189	162	133					
-	4SP5-58	5.5	7.5	357	346	334	320	306	290	274	255	234	211	181	148					



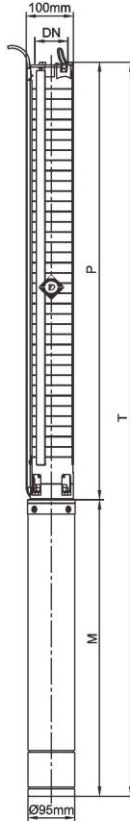
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q		H(m)										
				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			
4SPM8-5	4SP8-5	0.75	1	30	28	27	26	25	24	22	20	17	13			
4SPM8-7	4SP8-7	1.1	1.5	42	40	38	37	35	33	31	28	24	18			
4SPM8-10	4SP8-10	1.5	2	59	57	55	52	50	47	44	40	34	25			
4SPM8-12	4SP8-12	1.8	2.5	71	68	66	63	60	57	53	48	41	30			
4SPM8-15	4SP8-15	2.2	3	89	85	82	79	75	71	66	60	51	38			
-	4SP8-18	3	4	107	102	98	94	90	85	79	72	61	46			
-	4SP8-21	3.7	5	125	119	115	110	105	100	92	84	71	53			
-	4SP8-25	4	5.5	149	142	137	131	125	119	110	100	85	64			
-	4SP8-30	5	7	178	170	164	157	150	142	132	119	102	76			
-	4SP8-36	5.5	7.5	214	204	197	189	180	171	158	143	122	91			
-	4SP8-44	7	10	261	250	240	231	220	209	194	175	150	112			
-	4SP8-50	7.5	10	297	284	273	262	250	237	220	199	170	127			

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min															
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q		H(m)													
				m³/h	l/min	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	18			
				0	30	60	90	120	150	180	210	240	270	300					
4SPM14-4	4SP14-4	1.3	1.75	26	25	24	23	22	21	20	18	16	14	11					
4SPM14-5	4SP14-5	1.5	2	32	31	29	28	27	26	24	23	20	18	14					
4SPM14-6	4SP14-6	1.8	2.5	38	37	35	34	32	31	29	27	25	21	17					
4SPM14-7	4SP14-7	2.2	3	45	43	41	39	38	36	34	32	29	25	20					
4SPM14-8	4SP14-8	2.6	3.5	51	49	47	45	43	41	39	36	33	28	23					
-	4SP14-10	3	4	64	62	59	56	54	51	49	45	41	35	28					
-	4SP14-13	4	5.5	83	80	76	73	70	67	63	59	53	46	37					
-	4SP14-16	5	7	102	99	94	90	86	82	78	73	65	57	45					
-	4SP14-18	5.5	7.5	115	111	106	101	97	92	88	82	74	64	51					
-	4SP14-21	7	10	134	130	123	118	113	108	102	95	86	74	60					
-	4SP14-24	7.5	10	153	148	141	135	129	123	117	109	97	85	68					

DIMENSION AND WEIGHT



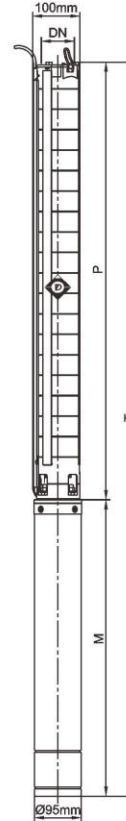
MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4SPM2-6	4SP2-6	1 1/4" / 1 1/2"	281	314	314	595	595	2.5	6.7	6.7	9.2	9.2
4SPM2-9	4SP2-9	1 1/4" / 1 1/2"	344	314	314	658	658	3.1	6.7	6.7	9.8	9.8
4SPM2-13	4SP2-13	1 1/4" / 1 1/2"	428	329	329	757	757	4.0	7.3	7.3	11.3	11.3
4SPM2-18	4SP2-18	1 1/4" / 1 1/2"	533	359	344	892	877	5.1	8.7	8.0	13.8	13.1
4SPM2-23	4SP2-23	1 1/4" / 1 1/2"	628	399	379	1027	1007	6.1	10.6	9.8	16.7	15.9
4SPM2-28	4SP2-28	1 1/4" / 1 1/2"	743	424	424	1167	1167	7.2	11.7	11.7	18.9	18.9
4SPM2-33	4SP2-33	1 1/4" / 1 1/2"	848	449	424	1297	1272	8.1	12.9	11.7	21.0	19.8
4SPM2-40	4SP2-40	1 1/4" / 1 1/2"	995	502	514	1497	1509	9.8	15.7	15.7	25.5	25.5
4SPM2-48	4SP2-48	1 1/4" / 1 1/2"	1163	542	514	1705	1677	11.5	17.7	15.7	29.2	27.2
4SPM2-55	4SP2-55	1 1/4" / 1 1/2"	1310	594	554	1904	1864	13.0	19.8	17.7	32.8	30.7
-	4SP2-65	1 1/4" / 1 1/2"	1520	-	594	-	2114	15.2	-	19.8	-	35.0

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4SPM3-6	4SP3-6	1 1/4" / 1 1/2"	281	314	314	595	595	2.5	6.7	6.7	9.2	9.2
4SPM3-9	4SP3-9	1 1/4" / 1 1/2"	344	329	329	673	673	3.2	7.3	7.3	10.5	10.5
4SPM3-12	4SP3-12	1 1/4" / 1 1/2"	407	359	344	766	751	3.8	8.7	8.0	12.5	11.8
4SPM3-15	4SP3-15	1 1/4" / 1 1/2"	470	379	379	849	849	4.5	9.8	9.8	14.3	14.3
4SPM3-18	4SP3-18	1 1/4" / 1 1/2"	533	399	379	932	912	5.1	10.6	9.8	15.7	14.9
4SPM3-22	4SP3-22	1 1/4" / 1 1/2"	617	424	424	1041	1041	6.0	11.7	11.7	17.7	17.7
4SPM3-25	4SP3-25	1 1/4" / 1 1/2"	680	449	424	1129	1104	6.6	12.9	11.7	19.5	18.3
4SPM3-29	4SP3-29	1 1/4" / 1 1/2"	764	502	514	1266	1278	7.5	15.7	15.7	23.2	23.2
4SPM3-33	4SP3-33	1 1/4" / 1 1/2"	848	542	514	1390	1362	8.4	17.7	15.7	26.1	24.1
4SPM3-39	4SP3-39	1 1/4" / 1 1/2"	974	594	554	1568	1528	9.7	19.8	17.7	29.5	27.4
-	4SP3-45	1 1/4" / 1 1/2"	1100	-	594	-	1694	11.0	-	19.8	-	30.8
-	4SP3-52	1 1/4" / 1 1/2"	1247	-	658	-	1905	12.5	-	21.4	-	33.9
-	4SP3-60	1 1/4" / 1 1/2"	1415	-	698	-	2113	14.3	-	23.7	-	38.0

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4SPM5-4	4SP5-4	1 1/4" / 1 1/2"	251	314	314	565	565	2.2	6.7	6.7	8.9	8.9
4SPM5-6	4SP5-6	1 1/4" / 1 1/2"	299	329	329	628	628	2.6	7.3	7.3	9.9	9.9
4SPM5-8	4SP5-8	1 1/4" / 1 1/2"	347	359	344	706	691	3.1	8.7	8.0	11.8	11.1
4SPM5-12	4SP5-12	1 1/4" / 1 1/2"	443	399	379	842	822	4.0	10.6	9.8	14.6	13.8
4SPM5-15	4SP5-15	1 1/4" / 1 1/2"	515	424	424	939	939	4.7	11.7	11.7	16.4	16.4
4SPM5-17	4SP5-17	1 1/4" / 1 1/2"	563	449	424	1012	987	5.1	12.9	11.7	18.0	16.8
4SPM5-21	4SP5-21	1 1/4" / 1 1/2"	659	502	514	1161	1173	6.1	15.7	15.7	21.8	21.8
4SPM5-25	4SP5-25	1 1/4" / 1 1/2"	755	542	514	1297	1269	7.0	17.7	15.7	24.7	22.7
4SPM5-29	4SP5-29	1 1/4" / 1 1/2"	851	594	554	1445	1405	7.9	19.8	17.7	27.7	25.6
-	4SP5-33	1 1/4" / 1 1/2"	947	-	594	-	1541	8.8	-	19.8	-	28.6
-	4SP5-38	1 1/4" / 1 1/2"	1067	-	658	-	1725	10.0	-	21.4	-	31.4
-	4SP5-44	1 1/4" / 1 1/2"	1208	-	698	-	1906	11.3	-	23.7	-	35.0
-	4SP5-52	1 1/4" / 1 1/2"	1397	-	738	-	2135	13.2	-	25.5	-	38.7
-	4SP5-58	1 1/4" / 1 1/2"	1538	-	788	-	2326	14.5	-	28.0	-	42.5

- M(s) is single phase motor, M(T) is three phase motor.
- T(s) is single phase motor, T(T) is three phase motor.

DIMENSION AND WEIGHT



MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4SPM8-5	4SP8-5	1 1/2" / 2"	415	359	344	774	759	4.4	8.7	8.0	13.1	12.4
4SPM8-7	4SP8-7	1 1/2" / 2"	499	399	379	898	878	5.0	10.6	9.8	15.6	14.8
4SPM8-10	4SP8-10	1 1/2" / 2"	625	449	424	1074	1049	6.0	12.9	11.7	18.9	17.7
4SPM8-12	4SP8-12	1 1/2" / 2"	709	502	514	1211	1223	6.7	15.7	15.7	22.4	22.4
4SPM8-15	4SP8-15	1 1/2" / 2"	835	542	514	1377	1349	7.7	17.7	15.7	25.4	23.4
-	4SP8-18	1 1/2" / 2"	961	-	594	-	1555	8.7	-	19.8	-	28.5
-	4SP8-21	1 1/2" / 2"	1087	-	658	-	1745	9.7	-	21.4	-	31.1
-	4SP8-25	1 1/2" / 2"	1213	-	698	-	1911	10.7	-	23.7	-	34.4
-	4SP8-30	1 1/2" / 2"	1465	-	738	-	2203	12.7	-	25.5	-	38.2
-	4SP8-36	1 1/2" / 2"	1717	-	788	-	2505	14.7	-	28.0	-	42.7
-	4SP8-44	1 1/2" / 2"	2053	-	848	-	2901	17.4	-	30.0	-	47.4
-	4SP8-50	1 1/2" / 2"	2305	-	908	-	3213	18.4	-	34.0	-	52.4

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4SPM14-4	4SP14-4	1 1/2" / 2"	544	424	424	968	968	4.1	11.7	11.7	15.8	15.8
4SPM14-5	4SP14-5	1 1/2" / 2"	628	449	424	1077	1052	4.4	12.9	11.7	17.3	16.1
4SPM14-6	4SP14-6	1 1/2" / 2"	754	514	514	1268	1268	4.7	15.7	15.7	20.4	20.4
4SPM14-7	4SP14-7	1 1/2" / 2"	838	554	514	1392	1352	5.0	17.7	15.7	22.7	20.7
4SPM14-8	4SP14-8	1 1/2" / 2"	922	594	554	1516	1476	5.3	19.8	17.7	25.1	23.0
-	4SP14-10	1 1/2" / 2"	1006	-	594	-	1600	6.0	-	19.8	-	25.8
-	4SP14-13	1 1/2" / 2"	1258	-	669	-	1927	7.0	-	23.7	-	30.7
-	4SP14-16	1 1/2" / 2"	1510	-	709	-	2219	7.9	-	25.5	-	33.4
-	4SP14-18	1 1/2" / 2"	1678	-	788	-	2466	8.5	-	28.0	-	36.5
-	4SP14-21	1 1/2" / 2"	1930	-	848	-	2778	9.4	-	30.0	-	39.4
-	4SP14-24	1 1/2" / 2"	2182	-	908	-	3090	10.3	-	34.0	-	44.3

- M(s) is single phase motor, M(T) is three phase motor.
- T(s) is single phase motor, T(T) is three phase motor.

