


 HANOURO®

 HANOURO®  
**WATER PUMP**  
PROFESSIONAL PUMP  
MANUFACTURER



**ZHEJIANG HANDE PUMP INDUSTRY CO., LTD.**

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## COMPANY PROFILE

In 2014, Zhejiang Hande Pump industry took the first step in the field of deep well pump manufacturing. After years of persistent pursuit and technological change, Hande Company developed from traditional deep well water pump to solar-energy water pump with its own national brand "HANDURO".

Handuro Company becomes more professional in manufacturing different kinds of deep well submersible water pump, centrifugal pump, solar water pump and so on, which are sold out to Europe, Asia, America, Africa and other countries and regions. The pumps are widely used in human and livestock water use, farmland irrigation, domestic water use and urban industrial water use, construction site water supply etc..





**2SD/2.5SD  
SERIES**

**MOTOR AND PUMP**

Single-phase:220-240V/50Hz  
Equip with start control box  
Pumps are designed by casing stressed  
NEMA dimension standards curve to lernance  
according to ISO 9001

**OPTIONS ON REQUEST**

Special mechanical seal  
Single phase motor

**MODEL DESCRIPTION**

**2 SD (M) 0.7 / 38**

1 2 3 4 5

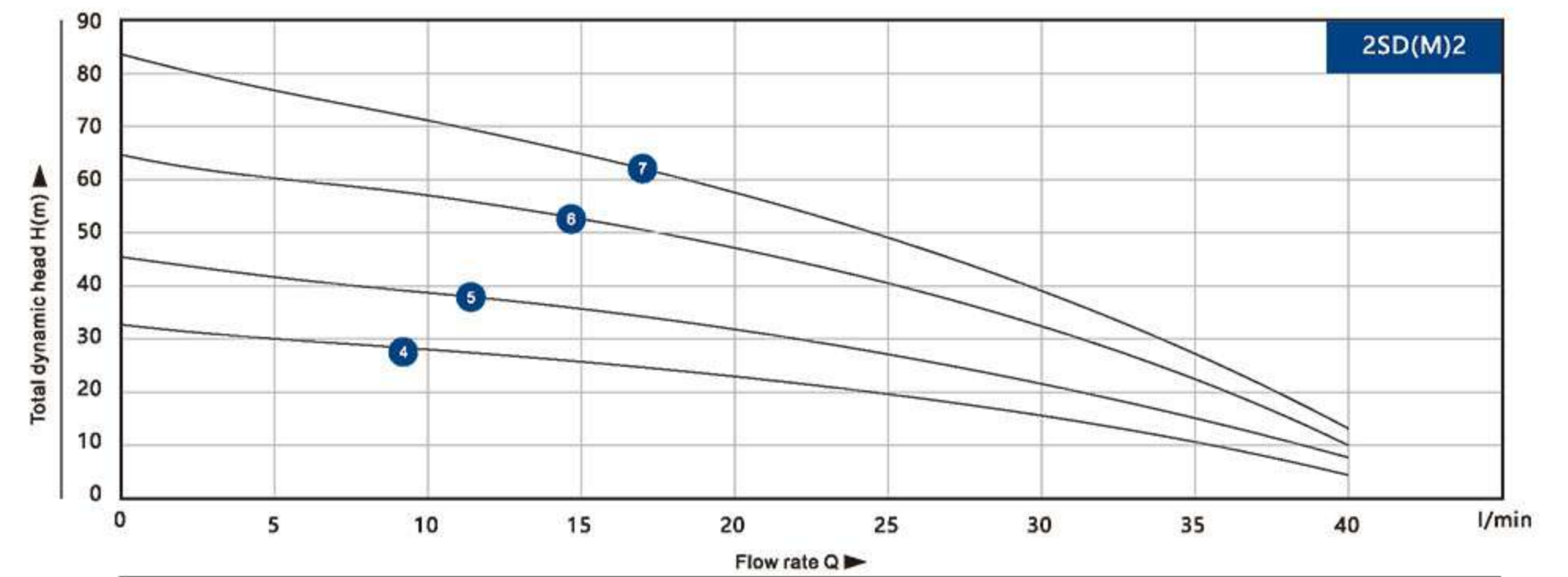
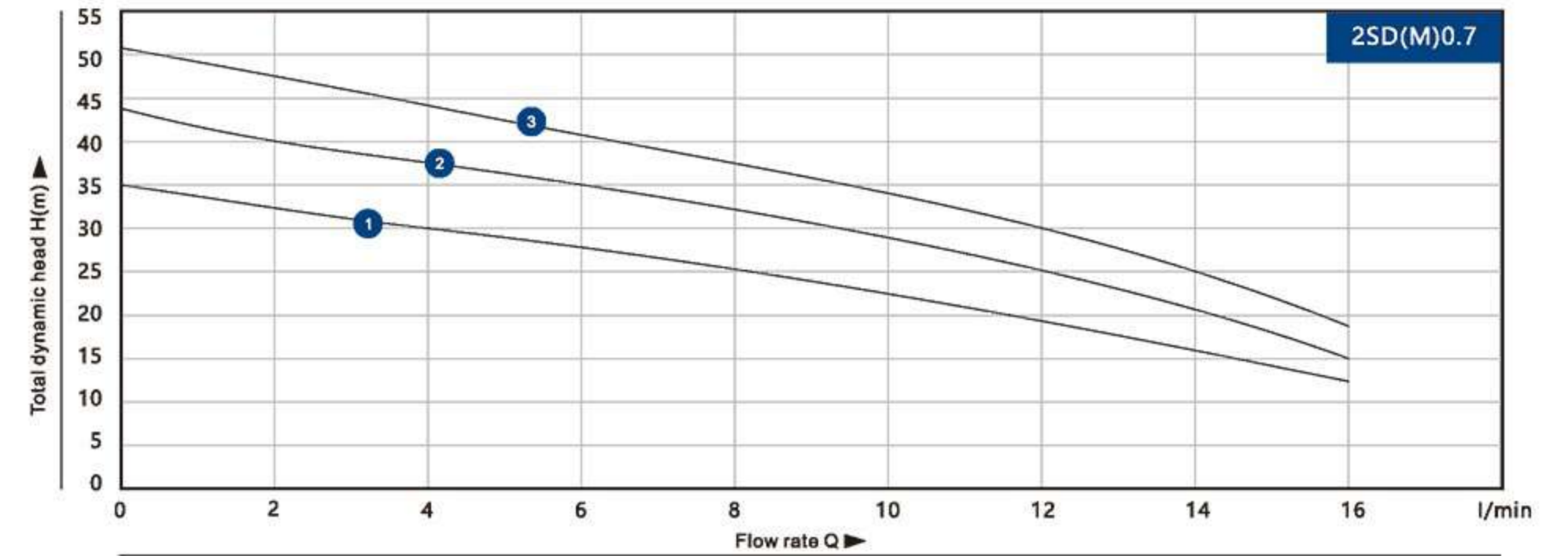
- 1.Well diameter
- 2.Model
- 3.Single phase(three phase with no M marked)
- 4.Capacity(m<sup>3</sup>/h)
- 5.impeller's number

**OPERATING CONDITIONS**

Maximum fluid temperature up to +35°C  
Maximum sand content:0.25%  
Minimum well diameter:2"

**APPLICATIONS**

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



**PERFORMANCE DATA 50Hz**

No	MODEL 1~ 220 - 240V	MOTOR POWER		DELIVERY Q m <sup>3</sup> /h l/min	n≈ 2850 1/min									
		KW	HP		0	0.12	0.24	0.36	0.48	0.60	0.72	0.84	0.96	
1	2SDM0.7/26	0.18	0.25	H(m)	35	32	30	28	26	23	20	16	12	
2	2SDM0.7/32	0.25	0.33		43	40	37	35	32	29	24	20	15	
3	2SDM0.7/38	0.37	0.5		51	47	44	41	38	34	29	24	18	

No	MODEL 1~ 220 - 240V	MOTOR POWER		DELIVERY Q m <sup>3</sup> /h l/min	n≈ 2850 1/min									
		KW	HP		0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	
4	2.5SDM2/12	0.18	0.25	H(m)	33	30	28	26	23	20	17	11	5	
5	2.5SDM2/17	0.25	0.33		46	42	39	37	33	29	24	16	7	
6	2.5SDM2/24	0.37	0.5		65	60	56	52	46	40	33	22	10	
7	2.5SDM2/31	0.55	0.75		84	77	72	67	60	52	43	29	13	



**MOTOR AND PUMP**

Single-phase:220-240V/50Hz  
 Three-phase:380-415V/50Hz  
 Equip with start control box  
 Pumps are designed by casing stressed  
 NEMA dimension standards curve to larence  
 according to ISO 9001

**OPTIONS ON REQUEST**

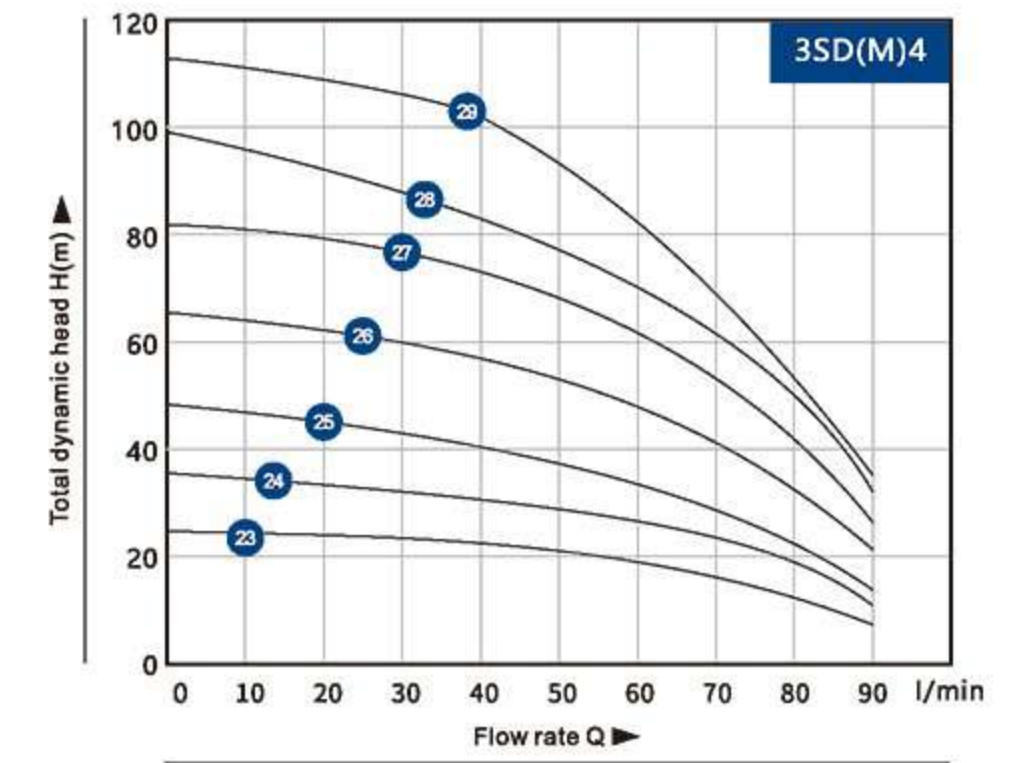
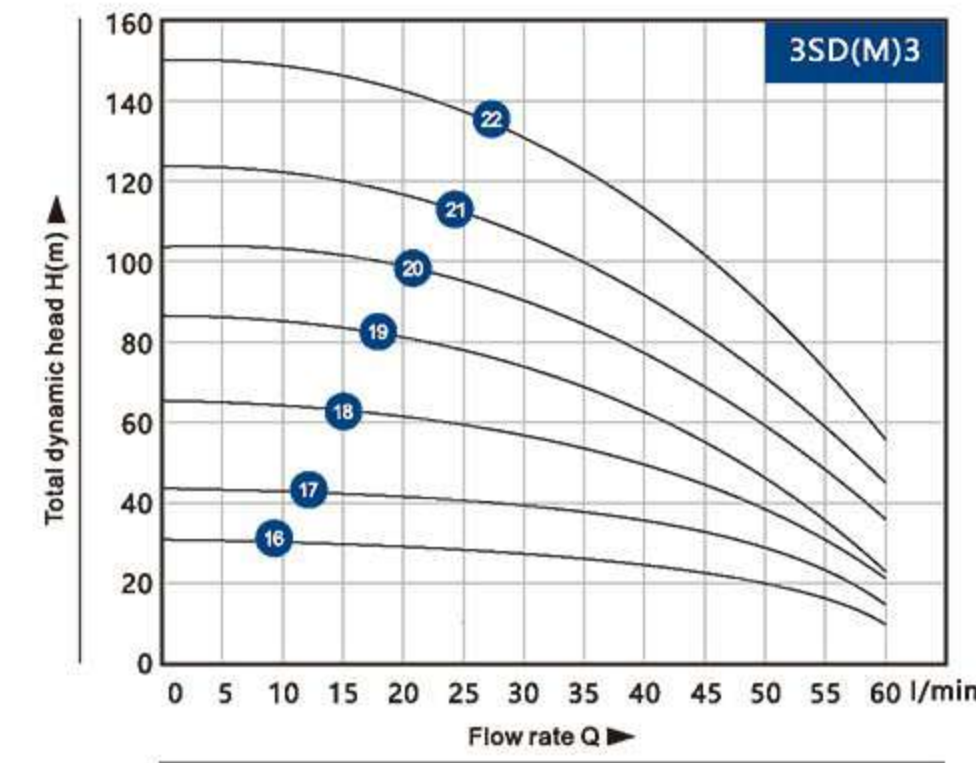
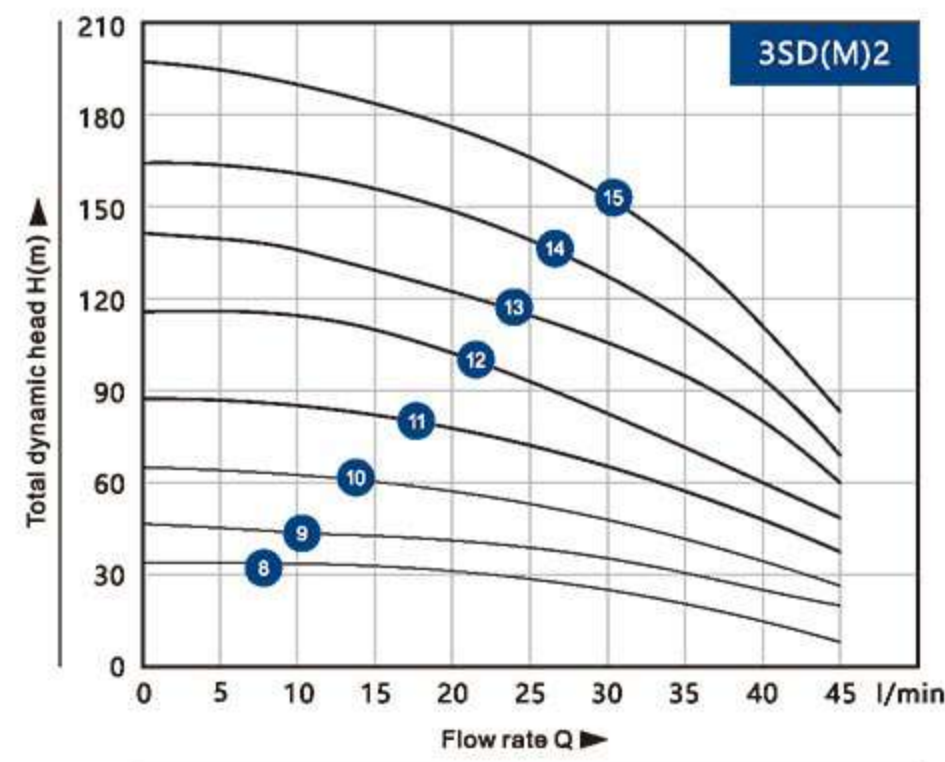
Special mechanical seal  
 Single phase motor with built-in capacitor

**OPERATING CONDITIONS**

Maximum fluid temperature up to +35°C  
 Maximum sand content:0.25%  
 Minimum well diameter:3" (75mm)

**APPLICATIONS**

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



**PERFORMANCE DATA 50Hz**

No	MODEL		MOTOR POWER		Q	DELIVERY n≈ 2850 1/min										
	1~ 220-240V	3~ 380-415V	KW	HP		m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
						l/min	0	5	10	15	20	25	30	35	40	45
8	3SDM2/8	3SD2/8	0.18	0.25	H(m)	34	34	33	33	31	29	26	23	19	14	
9	3SDM2/11	3SD2/11	0.25	0.33		47	46	45	45	43	40	36	32	27	20	
10	3SDM2/15	3SD2/15	0.37	0.5		64	63	62	61	58	54	49	43	36	27	
11	3SDM2/21	3SD2/21	0.55	0.75		89	89	87	85	81	76	68	60	51	38	
12	3SDM2/27	3SD2/27	0.75	1		115	114	112	110	104	97	88	77	65	49	
13	3SDM2/33	3SD2/33	0.92	1.25		141	139	136	134	128	119	108	95	80	60	
14	3SDM2/38	3SD2/38	1.1	1.5		162	160	157	154	147	137	124	109	92	69	
15	3SDM2/46	3SD2/46	1.5	2		196	194	190	187	178	166	150	132	111	83	

No	MODEL		MOTOR POWER		Q	DELIVERY n≈ 2850 1/min													
	1~ 220-240V	3~ 380-415V	KW	HP		m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
						l/min	0	5	10	15	20	25	30	35	40	45	50	55	60
16	3SDM3/8	3SD3/8	0.25	0.33	H(m)	32	32	32	31	30	29	28	27	26	23	20	16	12	
17	3SDM3/11	3SD3/11	0.37	0.5		44	44	43	43	41	40	39	37	35	31	27	22	16	
18	3SDM3/16	3SD3/16	0.55	0.75		64	64	63	62	60	59	56	54	51	45	39	32	23	
19	3SDM3/21	3SD3/21	0.75	1		85	84	83	81	79	77	74	70	67	60	52	43	31	
20	3SDM3/26	3SD3/26	0.92	1.25		105	104	103	100	98	96	91	87	83	74	64	53	38	
21	3SDM3/31	3SD3/31	1.1	1.5		125	124	122	120	116	114	109	104	99	88	76	63	45	
22	3SDM3/37	3SD3/37	1.5	2		149	148	146	143	139	136	130	124	118	105	91	75	54	

No	MODEL		MOTOR POWER		Q	DELIVERY n≈ 2850 1/min										
	1~ 220-240V	3~ 380-415V	KW	HP		m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
						l/min	0	10	20	30	40	50	60	70	80	90
23	3SDM4/6	3SD4/6	0.25	0.33	H(m)	25	25	24	23	22	21	19	16	13	8	
24	3SDM4/9	3SD4/9	0.37	0.5		37	37	36	35	33	32	28	24	19	12	
25	3SDM4/12	3SD4/12	0.55	0.75		49	49	48	47	45	42	37	32	25	15	
26	3SDM4/16	3SD4/16	0.75	1		66	66	65	62	59	56	50	42	34	21	
27	3SDM4/20	3SD4/20	0.92	1.25		82	82	81	78	74	70	62	53	42	25	
28	3SDM4/24	3SD4/24	1.1	1.5		99	99	97	93	89	84	75	63	51	31	
29	3SDM4/28	3SD4/28	1.5	2		115	115	113	109	104	98	87	74	59	36	



**MOTOR AND PUMP**

Single-phase:220-240V/50Hz  
 Three-phase:380-415V/50Hz  
 Equip with start control box  
 NEMA dimension standards  
 Curve to larence according to ISO 9001

**OPTIONS ON REQUEST**

Special mechanical seal  
 Single phase motor with built-in capacitor

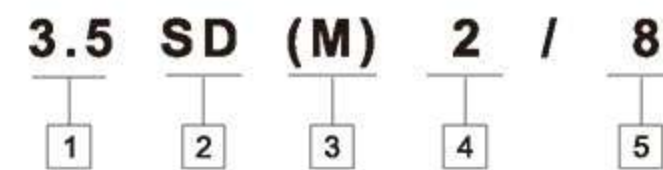
**OPERATING CONDITIONS**

Maximum fluid temperature up to +35°C  
 Maximum sand content:0.25%  
 Maximum immersion: 30m  
 Minimum well diameter: 3.5" (90mm)

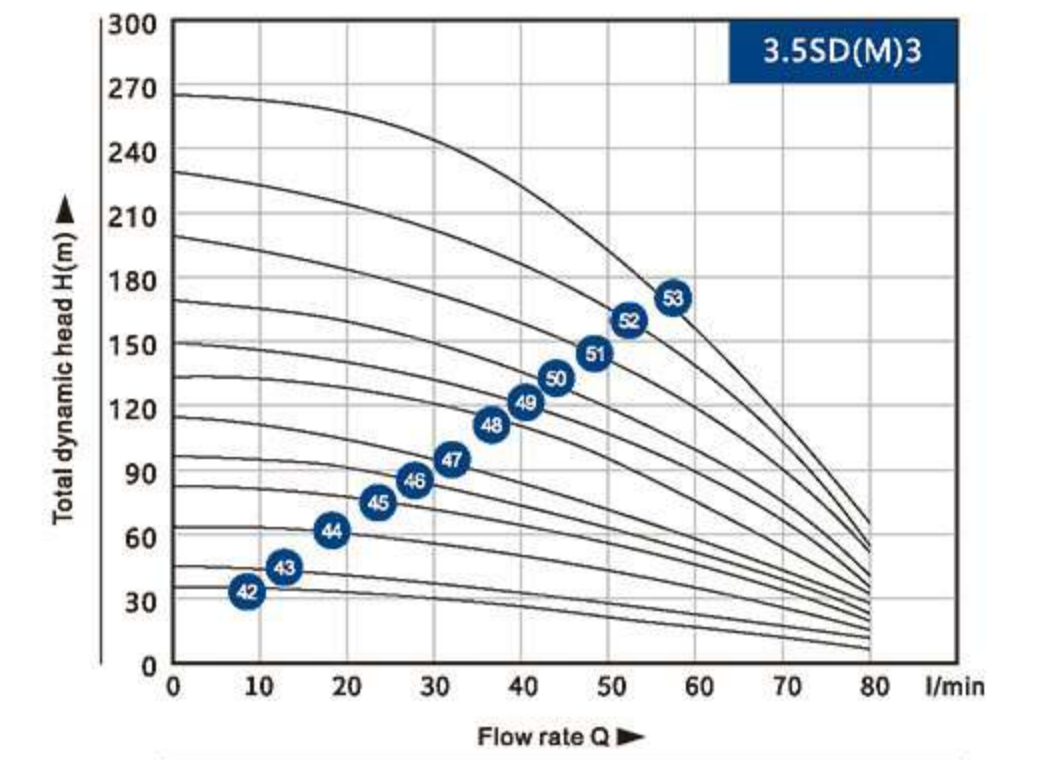
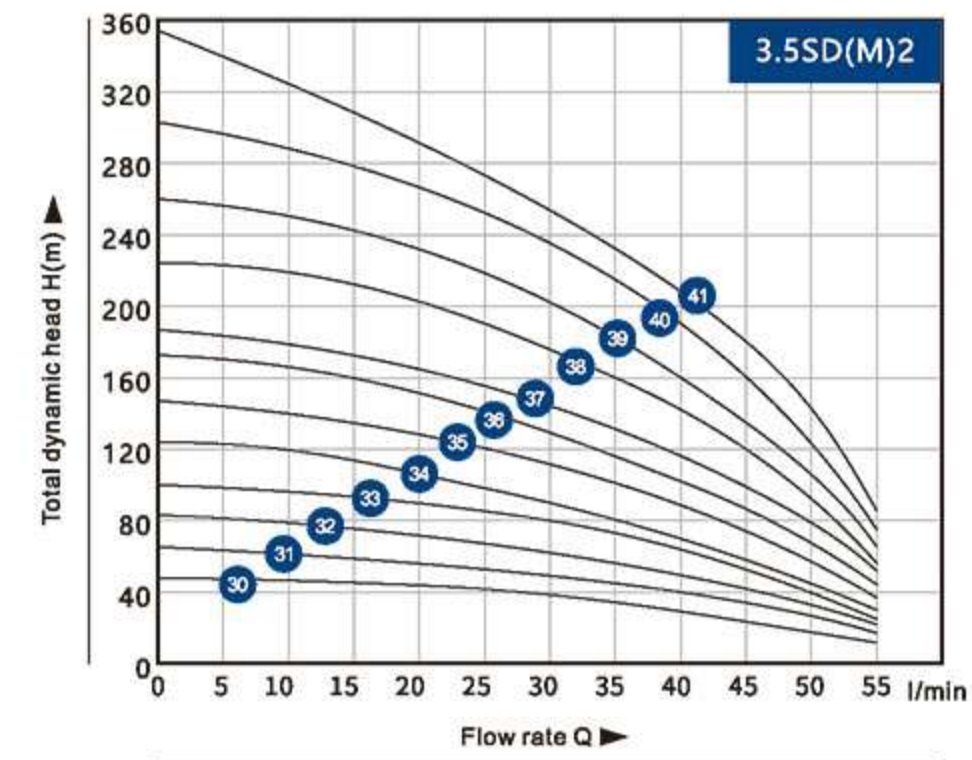
**APPLICATIONS**

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

**MODEL DESCRIPTION**



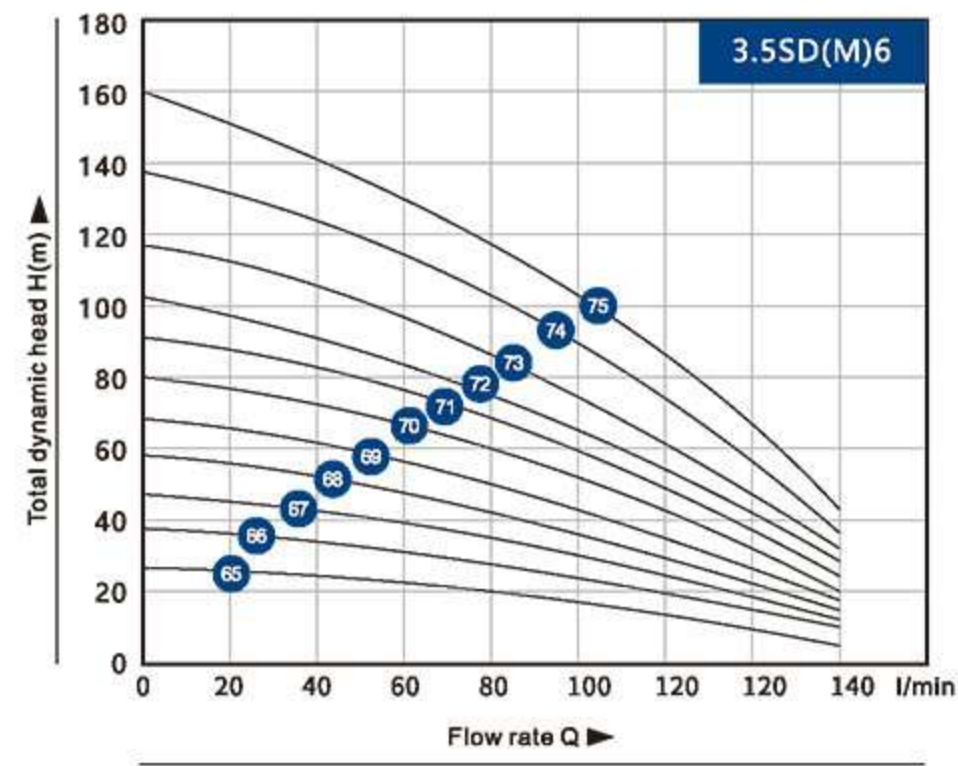
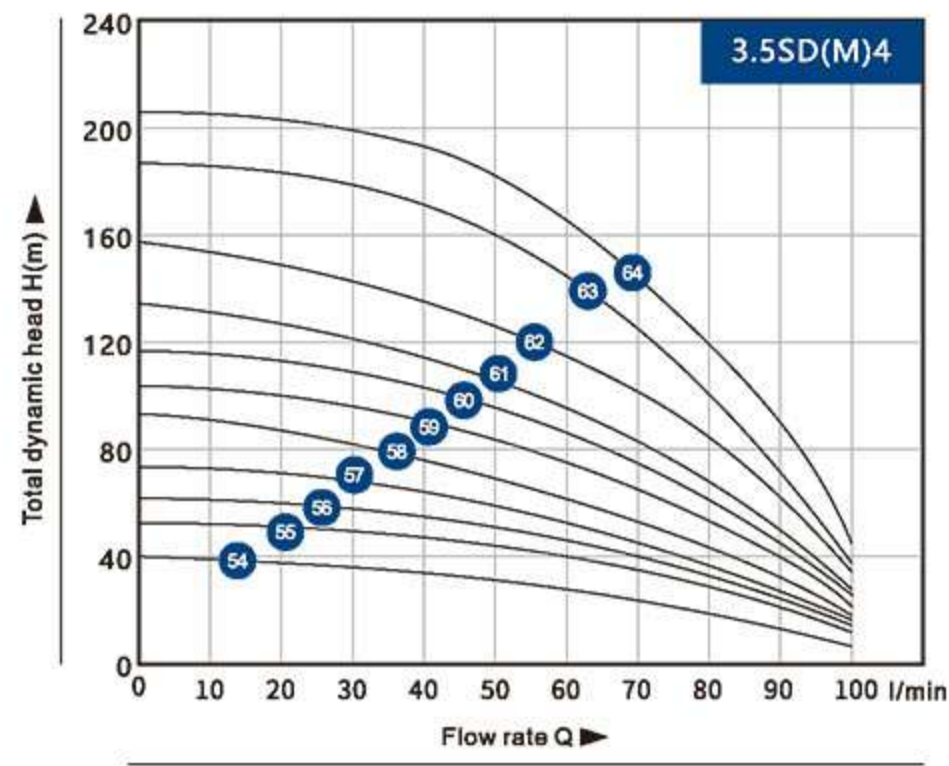
- 1. Well diameter
- 2. Model
- 3. Single phase (three phase with no M marked)
- 4. Capacity (m³/h)
- 5. Impeller's number



**PERFORMANCE DATA 50Hz**

No	3.5SDM2/8	3.5SD2/8	MOTOR POWER		DELIVERY n≈ 2850 1/min												
			KW	HP	Q m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3
					l/min	0	5	10	15	20	25	30	35	40	45	50	55
30	3.5SDM2/8	3.5SD2/8	0.25	0.33	H(m)	47	47	46	45	43	41	38	34	29	24	18	12
31	3.5SDM2/11	3.5SD2/11	0.37	0.5	H(m)	65	64	63	62	59	56	52	46	40	33	25	16
32	3.5SDM2/14	3.5SD2/14	0.55	0.75	H(m)	83	82	81	79	76	71	66	59	51	42	32	21
33	3.5SDM2/17	3.5SD2/17	0.75	1	H(m)	100	99	98	95	92	87	80	72	62	51	39	25
34	3.5SDM2/21	3.5SD2/21	0.92	1.25	H(m)	124	123	121	118	113	107	99	89	76	63	48	31
35	3.5SDM2/25	3.5SD2/25	1.1	1.5	H(m)	148	146	144	140	135	127	117	105	91	75	57	37
36	3.5SDM2/29	3.5SD2/29	1.3	1.75	H(m)	171	170	167	163	157	148	136	122	105	87	66	43
37	3.5SDM2/33	3.5SD2/33	1.5	2	H(m)	195	193	190	185	178	168	155	139	120	99	75	49
38	3.5SDM2/38	3.5SD2/38	1.8	2.5	H(m)	224	222	219	213	205	194	179	160	138	114	86	56
39	3.5SDM2/44	3.5SD2/44	2.2	3	H(m)	260	257	254	247	238	224	207	186	160	132	100	65
40	-	3.5SD2/52	3	4	H(m)	307	304	300	292	281	265	244	219	189	156	118	77
41	-	3.5SD2/60	3.7	5	H(m)	354	351	346	337	324	306	282	253	218	180	136	89

No	MODEL		MOTOR POWER		DELIVERY n≈ 2850 1/min									
	1~ 220 - 240V	3~ 380 - 415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8
					l/min	0	10	20	30	40	50	60	70	80
42	3.5SDM3/6	3.5SD3/6	0.25	0.33	H(m)	35	34	33	32	29	26	20	14	8
43	3.5SDM3/8	3.5SD3/8	0.37	0.5	H(m)	46	45	44	42	39	34	27	19	11
44	3.5SDM3/11	3.5SD3/11	0.55	0.75	H(m)	63	62	61	58	54	47	37	26	15
45	3.5SDM3/14	3.5SD3/14	0.75	1	H(m)	81	79	77	74	68	60	47	33	19
46	3.5SDM3/17	3.5SD3/17	0.92	1.25	H(m)	98	96	94	89	83	72	57	40	23
47	3.5SDM3/20	3.5SD3/20	1.1	1.5	H(m)	115	113	110	105	98	85	68	48	28
48	3.5SDM3/23	3.5SD3/23	1.3	1.75	H(m)	132	129	127	121	112	98	78	55	32
49	3.5SDM3/26	3.5SD3/26	1.5	2	H(m)	150	146	143	137	127	111	88	62	36
50	3.5SDM3/30	3.5SD3/30	1.8	2.5	H(m)	173	169	165	158	146	128	101	71	41
51	3.5SDM3/34	3.5SD3/34	2.2	3	H(m)	196	191	187	179	166	145	115	81	47
52	-	3.5SD3/40	3	4	H(m)	230	225	220	210	195	170	135	95	55
53	-	3.5SD3/46	3.7	5	H(m)	265	259	253	242	224	196	155	109	63



PERFORMANCE DATA 50Hz

MODEL		MOTOR POWER		DELIVERY n≈2850 1/min												
No	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	4.8	5.4	6.0
54	3.5SDM4/7	3.5SD4/7	0.37	0.5	H(m)	40	39	38	37	36	34	31	27	22	16	8
55	3.5SDM4/9	3.5SD4/9	0.55	0.75		51	50	49	48	46	44	40	34	28	20	11
56	3.5SDM4/11	3.5SD4/11	0.75	1		62	61	60	58	56	53	49	42	34	25	13
57	3.5SDM4/13	3.5SD4/13	0.92	1.25		74	73	70	69	66	63	57	50	40	29	15
58	3.5SDM4/16	3.5SD4/16	1.1	1.5		91	89	87	85	82	77	71	61	50	36	19
59	3.5SDM4/18	3.5SD4/18	1.3	1.75		102	100	98	95	92	87	80	69	56	40	21
60	3.5SDM4/21	3.5SD4/21	1.5	2		119	117	114	111	107	102	93	80	65	47	25
61	3.5SDM4/24	3.5SD4/24	1.8	2.5		136	134	130	127	123	116	106	92	75	54	28
62	3.5SDM4/28	3.5SD4/28	2.2	3		158	156	152	148	143	136	124	107	87	63	33
63	-	3.5SD4/33	3	4		187	184	179	175	168	160	146	126	102	74	39
64	-	3.5SD4/38	3.7	5		215	212	206	201	194	184	168	145	118	85	45

MODEL		MOTOR POWER		DELIVERY n≈2850 1/min									
No	1~ 220-240V	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
65	3.5SDM6/5	3.5SD6/5	0.37	0.5	H(m)	27	25	24	22	20	17	12	7
66	3.5SDM6/7	3.5SD6/7	0.55	0.75		37	35	34	31	28	24	17	10
67	3.5SDM6/9	3.5SD6/9	0.75	1		48	46	43	40	36	30	22	12
68	3.5SDM6/11	3.5SD6/11	0.92	1.25		59	56	53	49	44	37	27	15
69	3.5SDM6/13	3.5SD6/13	1.1	1.5		69	66	62	58	52	44	32	18
70	3.5SDM6/15	3.5SD6/15	1.3	1.75		80	76	72	67	60	50	36	20
71	3.5SDM6/17	3.5SD6/17	1.5	2		91	86	82	76	69	57	41	23
72	3.5SDM6/19	3.5SD6/19	1.8	2.5		101	96	91	85	77	64	46	26
73	3.5SDM6/22	3.5SD6/22	2.2	3		117	111	106	99	89	74	54	30
74	-	3.5SD6/26	3	4		139	132	125	117	105	88	63	36
75	-	3.5SD6/30	3.7	5		160	152	144	135	121	101	73	41



MOTOR AND PUMP

Single-phase:220-240V/50Hz  
 Three-phase:380-415V/50Hz  
 Equip with start control box  
 Pumps are designed by casing stressed  
 NEMA dimension stands curve tolerance  
 according to ISO 9001

OPTIONS ON REQUEST

Special mechanical seal  
 Single phase motor with built-in capacitor

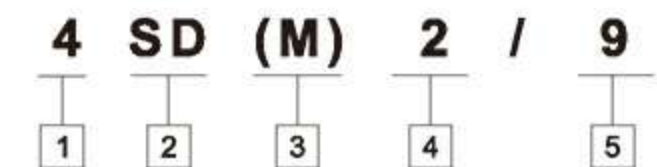
OPERATING CONDITIONS

Maximum fluid temperature up to +35°C  
 Maximum sand content:0.25%  
 Minimum well diameter:4" (100mm)

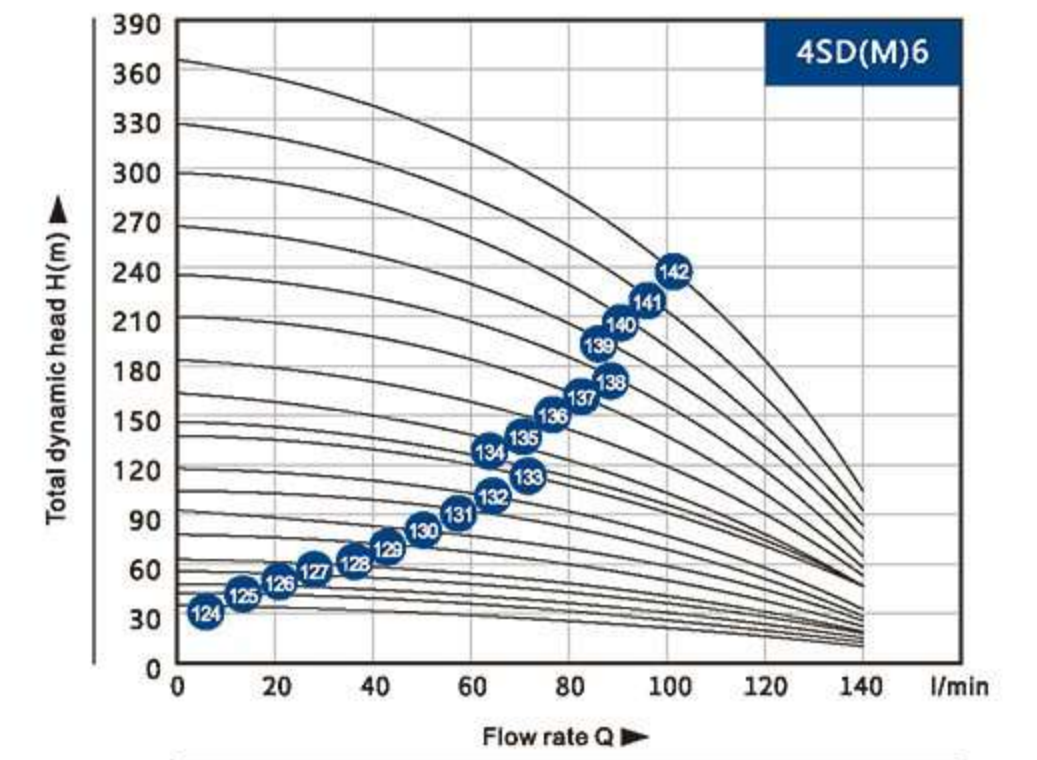
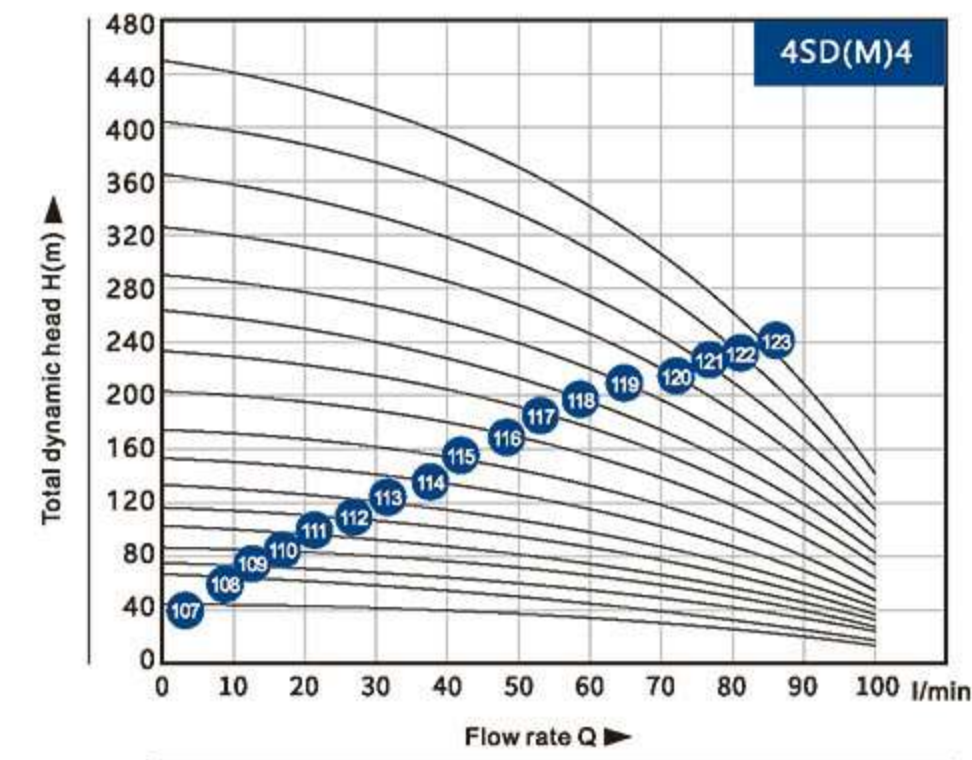
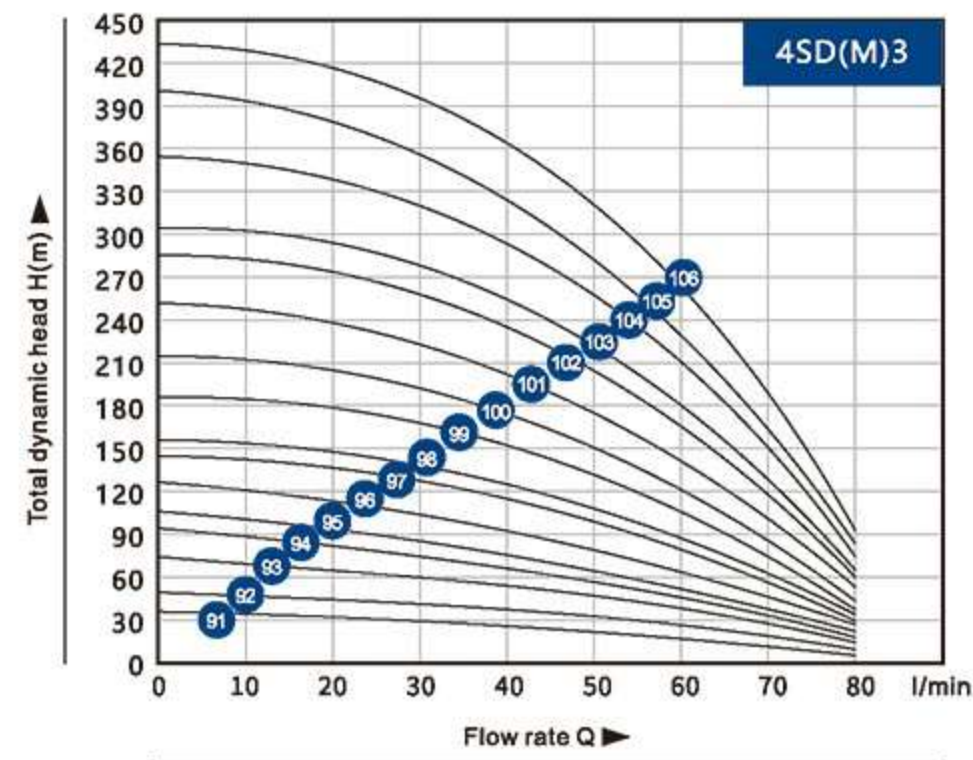
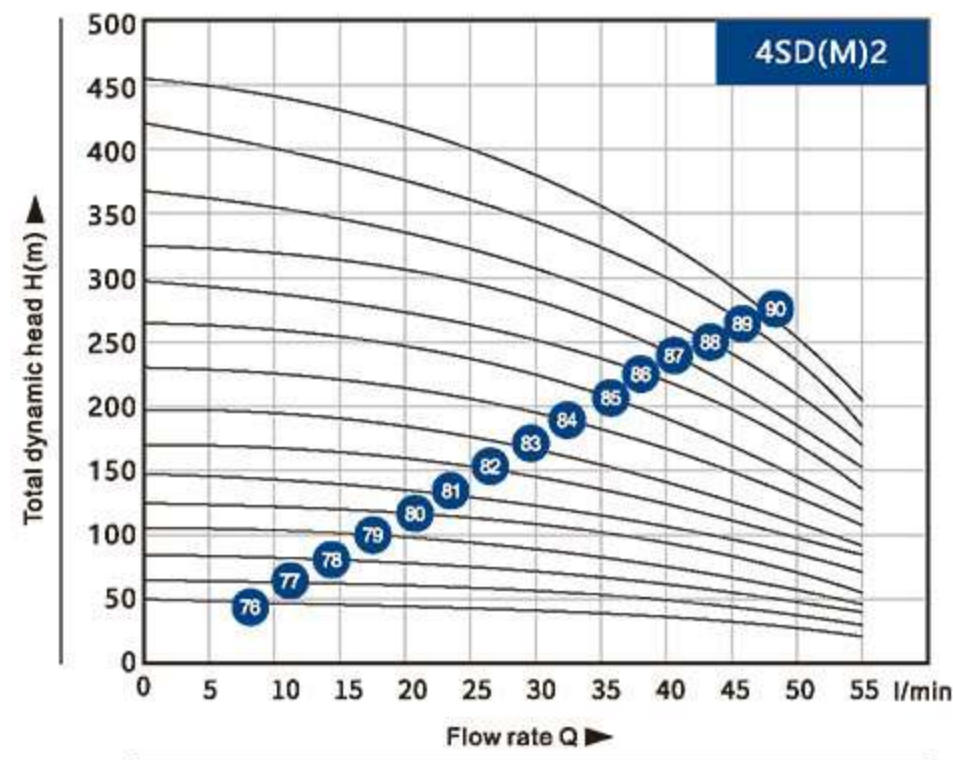
APPLICATIONS

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

MODEL DESCRIPTION



- 1.Well diameter
- 2.Model
- 3.Single phase(three phase with no M marked)
- 4.Capacity(m³/h)
- 5.impeller's number



PERFORMANCE DATA 50Hz

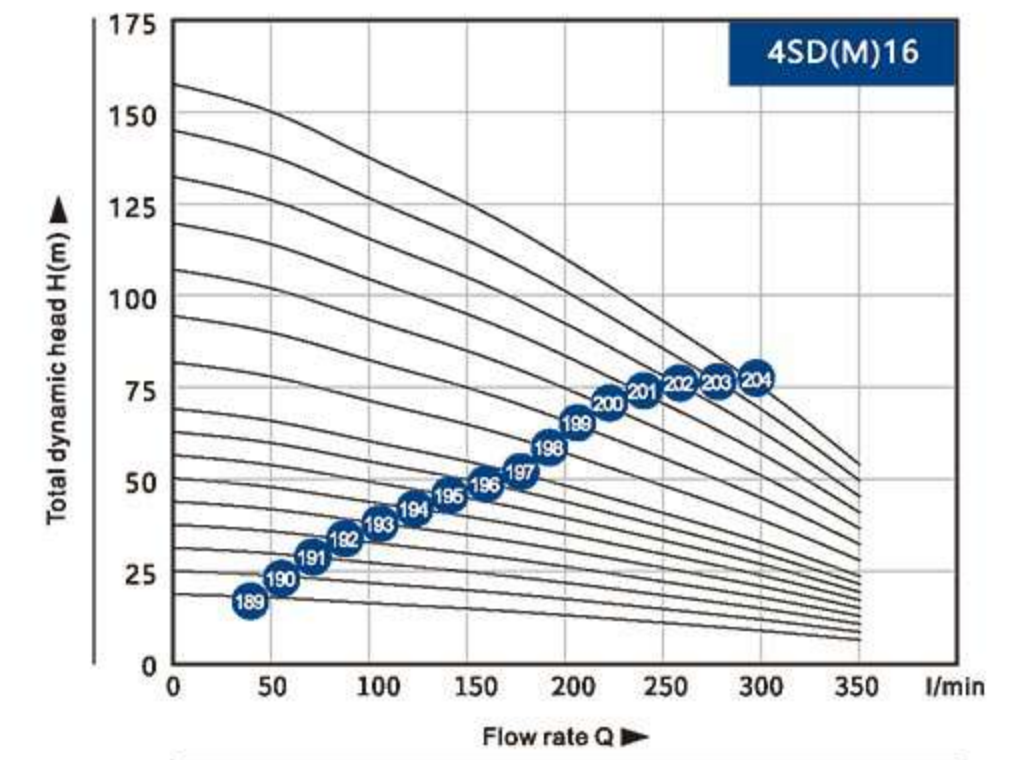
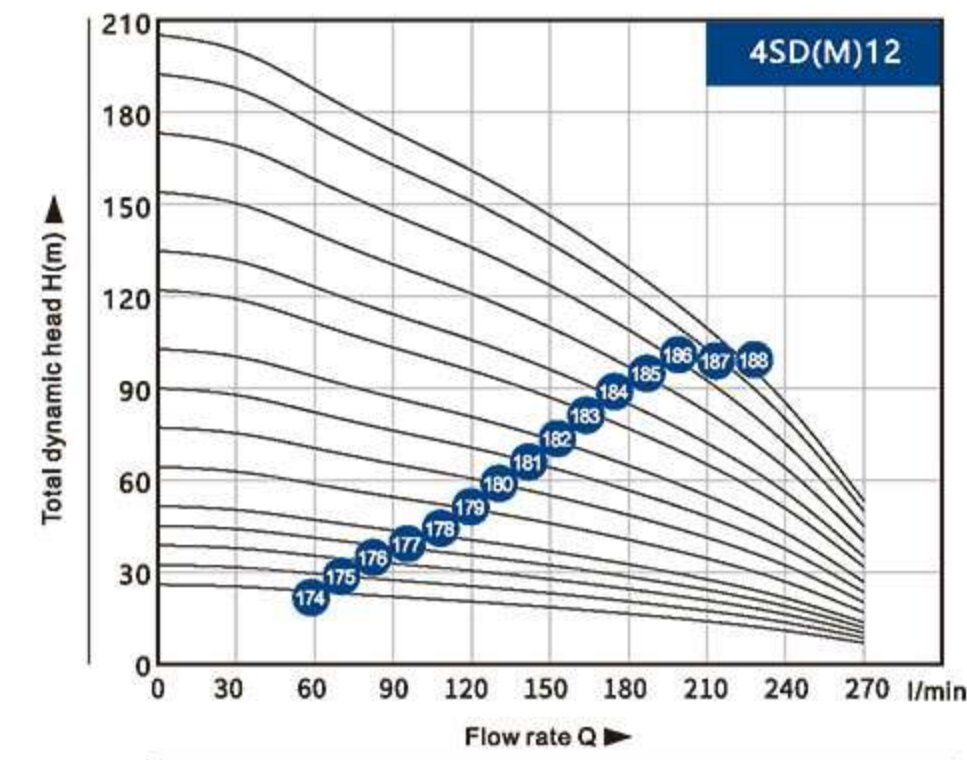
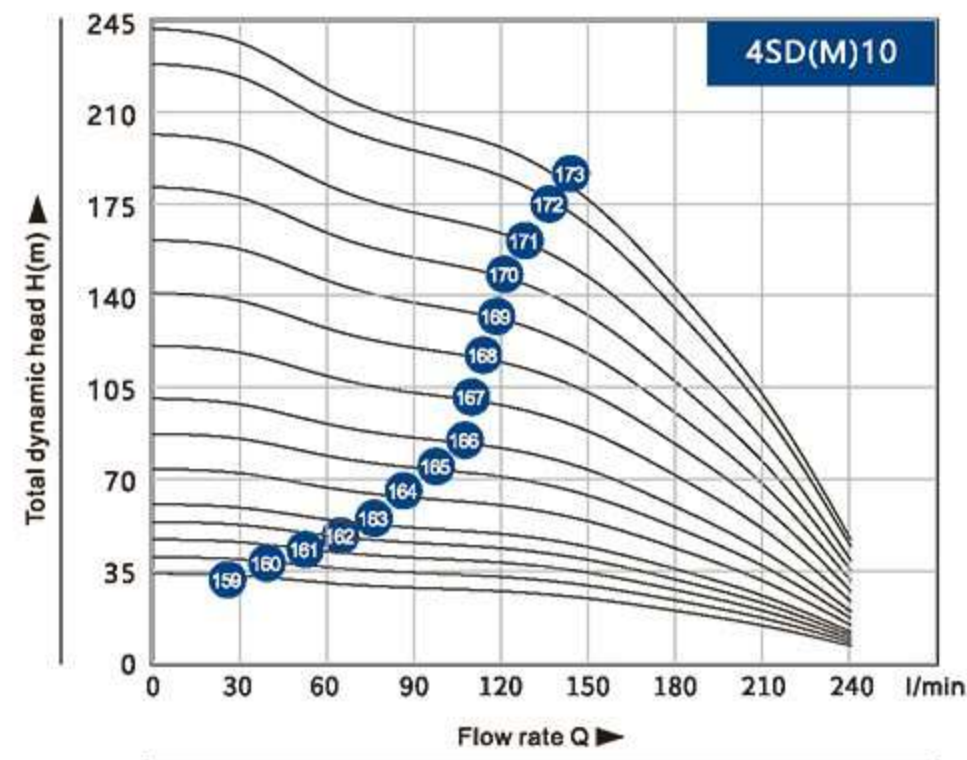
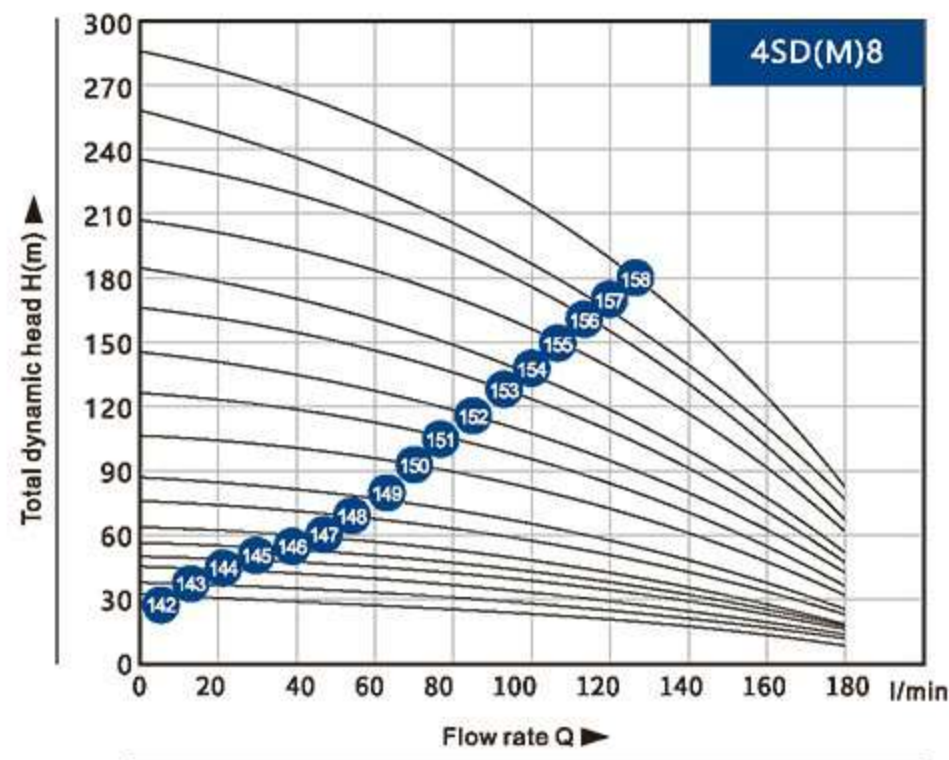
MODEL		MOTOR POWER		DELIVERY n ≈ 2850 1/min													
No	1~ 220 - 240V	3~ 380 - 415V	KW	HP	Q m³/h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3
76	4SDM2/7	4SD2/7	0.25	0.33	H(m)	50	49	49	48	47	45	42	39	36	32	27	22
77	4SDM2/9	4SD2/9	0.37	0.5		64	63	63	62	60	58	54	51	47	41	35	29
78	4SDM2/12	4SD2/12	0.55	0.75		85	84	84	83	80	77	72	68	62	54	47	38
79	4SDM2/15	4SD2/15	0.75	1		106	105	105	103	100	96	90	85	78	68	59	48
80	4SDM2/18	4SD2/18	0.92	1.25		127	126	125	124	120	116	108	102	93	82	71	58
81	4SDM2/21	4SD2/21	1.1	1.5		149	147	146	145	140	135	126	118	109	95	82	67
82	4SDM2/24	4SD2/24	1.3	1.75		170	168	167	165	160	154	144	135	124	109	94	77
83	4SDM2/28	4SD2/28	1.5	2		198	196	195	193	187	180	168	158	145	127	110	90
84	4SDM2/32	4SD2/32	1.8	2.5		227	224	223	221	214	206	192	181	166	145	126	103
85	4SDM2/37	4SD2/37	2.2	3		262	259	258	255	247	238	222	209	191	168	145	119
86	4SDM2/42	4SD2/42	2.6	3.5		297	294	293	289	280	270	252	237	217	190	165	135
87	-	4SD2/47	3	4		333	329	328	324	314	302	282	265	243	213	184	151
88	-	4SD2/52	3.7	5		368	364	362	358	347	334	312	293	269	236	204	167
89	-	4SD2/58	4	5.5		411	406	404	400	387	372	348	327	300	263	227	186
90	-	4SD2/64	5	7	453	448	446	441	427	411	384	361	331	290	251	205	

PERFORMANCE DATA 50Hz

MODEL		MOTOR POWER		DELIVERY n ≈ 2850 1/min												
No	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	4.8	5.4	6.0
107	4SDM4/6	4SD4/6	0.37	0.5	H(m)	44	42	41	40	39	36	33	29	24	19	14
108	4SDM4/8	4SD4/8	0.55	0.75		58	56	55	54	52	49	44	39	33	26	18
109	4SDM4/10	4SD4/10	0.75	1		73	70	69	67	65	61	55	48	41	32	23
110	4SDM4/12	4SD4/12	0.92	1.25		87	84	82	81	78	73	66	58	49	39	27
111	4SDM4/14	4SD4/14	1.1	1.5		102	98	96	94	91	85	77	68	57	45	32
112	4SDM4/16	4SD4/16	1.3	1.75		116	113	110	107	104	97	88	77	65	51	37
113	4SDM4/18	4SD4/18	1.5	2		131	127	124	121	117	109	99	87	73	58	41
114	4SDM4/21	4SD4/21	1.8	2.5		152	148	144	141	136	128	115	102	85	67	48
115	4SDM4/24	4SD4/24	2.2	3		174	169	165	161	156	146	132	116	98	77	55
116	4SDM4/28	4SD4/28	2.6	3.5		203	197	192	188	182	170	154	135	114	90	64
117	-	4SD4/32	3	4		232	225	220	215	208	195	176	155	130	103	73
118	-	4SD4/36	3.7	5		261	253	247	242	234	219	198	174	146	116	82
119	-	4SD4/40	4	5.5		290	281	275	268	260	243	220	194	163	128	92
120	-	4SD4/45	5	7		327	316	309	302	293	274	248	218	183	144	103
121	-	4SD4/50	5.5	7.5	363	352	344	335	325	304	275	242	203	160	115	
122	-	4SD4/56	7	10	406	394	385	376	364	341	308	271	228	180	128	
123	-	4SD4/62	7.5	10	450	436	426	416	403	377	341	300	252	199	142	

MODEL		MOTOR POWER		DELIVERY n ≈ 2850 1/min										
No	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	4.8
91	4SDM3/5	4SD3/5	0.25	0.33	H(m)	36	35	34	32	29	25	20	14	7
92	4SDM3/7	4SD3/7	0.37	0.5		50	49	47	45	41	35	28	20	10
93	4SDM3/10	4SD3/10	0.55	0.75		72	70	68	64	58	50	40	29	15
94	4SDM3/13	4SD3/13	0.75	1		93	91	88	83	76	66	53	38	19
95	4SDM3/15	4SD3/15	0.92	1.25		108	105	102	96	88	76	61	43	22
96	4SDM3/18	4SD3/18	1.1	1.5		129	126	122	115	105	91	73	52	27
97	4SDM3/20	4SD3/20	1.3	1.75		144	140	135	128	117	101	81	58	30
98	4SDM3/22	4SD3/22	1.5	2		158	154	149	141	128	111	89	64	33
99	4SDM3/26	4SD3/26	1.8	2.5		187	182	176	166	152	131	105	75	39
100	4SDM3/30	4SD3/30	2.2	3		215	210	203	192	175	151	121	87	45
101	4SDM3/35	4SD3/35	2.6	3.5		251	245	237	224	204	177	142	101	52
102	-	4SD3/40	3	4		287	280	271	255	234	202	162	115	60
103	-	4SD3/45	3.7	5		323	315	305	287	263	227	182	130	67
104	-	4SD3/50	4	5.5		359	350	339	319	292	252	202	144	75
105	-	4SD3/56	5	7	402	392	370	358	327	283	227	162	84	
106	-	4SD3/62	5.5	7.5	445	434	420	396	362	313	251	179	93	

MODEL		MOTOR POWER		DELIVERY n ≈ 2850 1/min									
No	1~ 220 - 240V	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
124	4SDM6/5	4SD6/5	0.37	0.5	H(m)	35	34	32	30	27	22	17	10
125	4SDM6/6	4SD6/6	0.55	0.75		42	40	39	36	33	27	20	12
126	4SDM6/7	4SD6/7	0.75	1		49	47	45	42	38	31	24	14
127	4SDM6/8	4SD6/8	0.75	1		56	54	52	48	44	36	27	16
128	4SDM6/9	4SD6/9	0.92	1.25		63	61	58	55	49	40	31	17
129	4SDM6/11	4SD6/11	1.1	1.5		77	74	71	67	60	49	37	21
130	4SDM6/13	4SD6/13	1.3	1.75		91	88	84	79	71	58	44	25
131	4SDM6/15	4SD6/15	1.5	2		105	101	97	91	82	67	51	29
132	4SDM6/17	4SD6/17	1.8	2.5		119	114	110	103	93	76	58	33
133	4SDM6/20	4SD6/20	2.2	3		140	135	129	121	109	90	68	39
134	4SDM6/21	4SD6/21	2.2	3		147	141	135	127	114	94	71	41
135	4SDM6/23	4SD6/23	2.6	3.5		161	155	149	139	125	103	78	45
136	-	4SD6/26	3	4		182	175	168	158	142	117	88	51
137	-	4SD6/30	3.7	5		210	202	194	182	163	134	102	58
138	-	4SD6/34	4	5.5	238	229	220	206	185	152	116	66	
139	-	4SD6/38	5	7	266	256	246	230	207	170	129	74	
140	-	4SD6/42	5.5	7.5	294	283	271	254	229	188	143	82	
141	-	4SD6/47	7	10	329	316	304	285	256	211	160	91	
142	-	4SD6/52	7.5	10	364	350	336	315	283	233	177	101	



PERFORMANCE DATA 50Hz

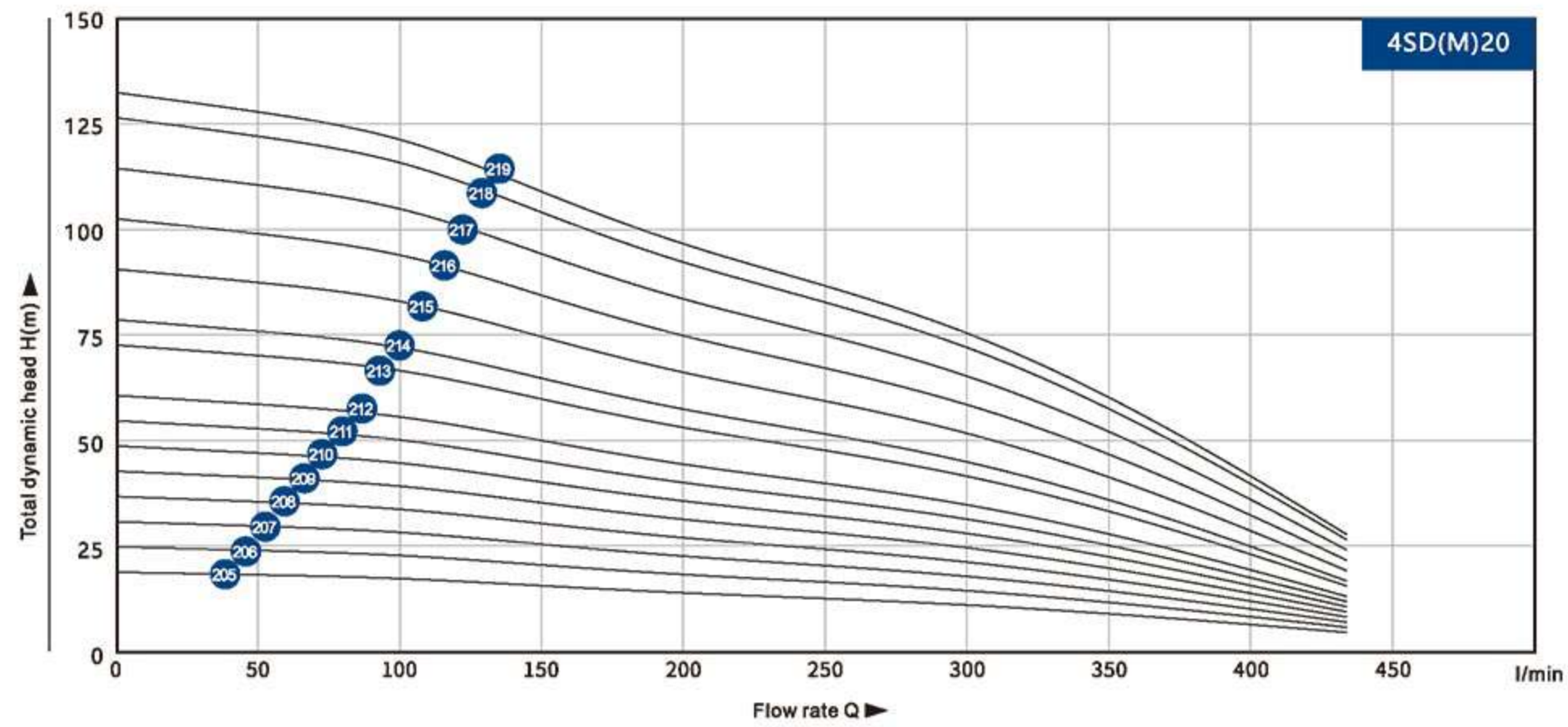
MODEL		MOTOR POWER		DELIVERY n ≈ 2850 1/min											
No	1~ 220 - 240V	3~ 380 - 415V	KW	HP	Q m³/h l/min	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8
142	4SDM8/5	4SD8/5	0.55	0.75	0	32	31	28	26	25	24	22	18	14	9
143	4SDM8/6	4SD8/6	0.75	1	20	38	37	33	32	30	28	26	22	17	11
144	4SDM8/7	4SD8/7	0.75	1	40	44	43	39	37	35	33	30	26	20	13
145	4SDM8/8	4SD8/8	0.92	1.25	60	50	49	45	42	40	38	35	30	23	15
146	4SDM8/9	4SD8/9	1.1	1.5	80	57	55	51	47	45	43	39	33	26	17
147	4SDM8/10	4SD8/10	1.3	1.75	100	63	61	56	53	50	48	43	37	28	18
148	4SDM8/12	4SD8/12	1.5	2	120	76	73	67	63	60	57	52	44	34	22
149	4SDM8/14	4SD8/14	1.8	2.5	140	88	86	79	74	70	67	61	52	40	26
150	4SDM8/17	4SD8/17	2.2	3	160	107	104	96	90	85	81	74	63	48	31
151	4SDM8/20	4SD8/20	2.6	3.5	180	126	122	112	105	100	95	87	74	57	37
152	-	4SD8/23	3	4	200	145	141	129	121	115	109	100	85	65	42
153	-	4SD8/26	3.7	5	220	164	159	146	137	130	124	113	96	74	48
154	-	4SD8/29	4	5.5	240	183	177	163	153	145	138	126	107	82	53
155	-	4SD8/33	5	7	260	208	202	186	174	165	157	143	122	94	61
156	-	4SD8/37	5.5	7.5	280	234	226	208	195	185	176	160	136	105	68
157	-	4SD8/41	7	10	300	259	251	231	216	205	195	178	151	117	76
158	-	4SD8/45	7.5	10	320	284	275	253	237	225	214	195	166	128	83

MODEL		MOTOR POWER		DELIVERY n ≈ 2850 1/min										
No	1~ 220 - 240V	3~ 380 - 415V	KW	HP	Q m³/h l/min	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4
159	4SDM10/5	4SD10/5	0.75	1	0	34	33	30	29	27	25	20	14	7
160	4SDM10/6	4SD10/6	0.92	1.25	30	40	39	36	34	33	29	24	17	8
161	4SDM10/7	4SD10/7	1.1	1.5	60	47	46	43	40	38	34	28	20	9
162	4SDM10/8	4SD10/8	1.3	1.75	90	54	53	49	46	44	39	32	23	10
163	4SDM10/10	4SD10/10	1.5	2	120	61	59	55	51	49	44	36	25	12
164	4SDM10/11	4SD10/11	1.8	2.5	150	74	72	67	63	60	54	44	31	14
165	4SDM10/14	4SD10/14	2.2	3	180	87	86	79	74	71	64	52	37	17
166	4SDM10/15	4SD10/15	2.6	3.5	210	101	99	91	86	82	74	60	42	20
167	4SDM10/18	4SD10/18	3	4	240	121	118	109	103	98	88	71	51	23
168	4SDM10/22	4SD10/22	4	5.5	270	137	132	122	116	105	87	54	11	2
169	4SDM10/24	4SD10/24	4	5.5	300	161	158	146	137	131	118	95	68	31
170	-	4SD10/27	5	7	330	182	178	164	154	148	133	107	76	35
171	-	4SD10/30	5.5	7.5	360	202	198	183	172	164	148	119	85	39
172	-	4SD10/34	7.5	10	390	229	224	207	195	186	167	135	96	44
173	-	4SD10/36	7.5	10	420	242	237	219	206	197	177	143	102	47

PERFORMANCE DATA 50Hz

MODEL		MOTOR POWER		DELIVERY n ≈ 2850 1/min												
No	1~ 220 - 240V	3~ 380 - 415V	KW	HP	Q m³/h l/min	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	
174	4SDM12/4	4SD12/4	0.75	1	0	26	25	23	22	20	18	16	14	11	7	
175	4SDM12/5	4SD12/5	0.92	1.25	30	32	31	29	27	25	22	20	17	13	8	
176	4SDM12/6	4SD12/6	1.1	1.5	60	38	38	35	32	30	27	24	20	16	10	
177	4SDM12/7	4SD12/7	1.3	1.75	90	45	44	41	38	35	31	28	24	19	12	
178	4SDM12/8	4SD12/8	1.5	2	120	51	50	47	43	41	36	32	27	21	14	
179	4SDM12/10	4SD12/10	1.8	2.5	150	64	63	58	54	51	45	40	34	27	17	
180	4SDM12/12	4SD12/12	2.2	3	180	77	75	70	65	61	54	48	41	32	20	
181	4SDM12/14	4SD12/14	2.6	3.5	210	90	88	82	76	71	63	56	48	37	24	
182	4SDM12/16	4SD12/16	3	4	240	103	100	94	86	81	71	64	55	43	27	
183	4SDM12/19	4SD12/19	3.7	5	270	122	119	111	103	96	85	76	65	50	32	
184	4SDM12/21	4SD12/21	4	5.5	300	135	131	123	114	106	94	84	72	56	35	
185	-	4SD12/24	5	7	330	154	150	140	130	122	107	96	82	64	41	
186	-	4SD12/27	5.5	7.5	360	173	169	158	146	137	121	108	92	72	46	
187	-	4SD12/30	7.5	10	390	192	188	175	162	152	134	120	102	80	51	
188	-	4SD12/32	7.5	10	420	205	200	187	173	162	143	128	109	85	54	

MODEL		MOTOR POWER		DELIVERY n ≈ 2850 1/min										
No	1~ 220 - 240V	3~ 380 - 415V	KW	HP	Q m³/h l/min	0	3	6	9	12	15	18	21	
189	4SDM16/3	4SD16/3	0.75	1	0	19	18	17	15	13	11	9	6	
190	4SDM16/4	4SD16/4	0.92	1.25	30	25	24	22	20	18	15	12	9	
191	4SDM16/5	4SD16/5	1.1	1.5	60	32	30	28	25	22	19	15	11	
192	4SDM16/6	4SD16/6	1.3	1.75	90	38	36	33	30	26	22	18	13	
193	4SDM16/7	4SD16/7	1.5	2	120	44	42	39	35	31	26	21	15	
194	4SDM16/8	4SD16/8	1.8	2.5	150	51	48	44	40	35	30	24	17	
195	4SDM16/9	4SD16/9	2.2	3	180	57	54	50	45	40	33	27	19	
196	4SDM16/10	4SD16/10	2.2	3	210	63	60	55	50	44	37	30	22	
197	4SDM16/11	4SD16/11	2.6	3.5	240	70	66	61	55	48	41	33	24	
198	4SDM16/13	4SD16/13	3	4	270	82	78	72	65	57	48	39	28	
199	4SDM16/15	4SD16/15	3.7	5	300	95	90	83	75	66	56	45	32	
200	4SDM16/17	4SD16/17	4	5.5	330	107	102	94	85	75	63	51	37	
201	-	4SD16/19	5	7	360	120	114	105	95	84	71	57	41	
202	-	4SD16/21	5.5	7.5	390	133	126	116	105	92	78	63	45	
203	-	4SD16/23	7.5	10	420	145	138	127	115	101	86	69	50	
204	-	4SD16/25	7.5	10	450	158	150	138	125	110	93	75	54	



PERFORMANCE DATA 50Hz

No	MODEL		MOTOR POWER		Q	DELIVERY n ≈ 2850 1/min												
	1~ 220 - 240V	3~ 380 - 415V	KW	HP		0	3	6	9	12	15	18	21	24	26			
205	4SDM20/3	4SD20/3	0.92	1.25	H(m)	18	17	16	15	13	12	10	8	5	3			
206	4SDM20/4	4SD20/4	1.1	1.5		24	23	22	20	17	16	14	11	7	5			
207	4SDM20/5	4SD20/5	1.3	1.75		30	29	27	25	22	20	17	13	9	6			
208	4SDM20/6	4SD20/6	1.5	2		36	35	33	29	26	23	20	16	11	7			
209	4SDM20/7	4SD20/7	1.8	2.5		42	40	38	34	31	27	24	19	12	8			
210	4SDM20/8	4SD20/8	2.2	3		48	46	44	39	35	31	27	21	14	9			
211	4SDM20/9	4SD20/9	2.2	3		54	52	49	44	39	35	31	24	16	10			
212	4SDM20/10	4SD20/10	2.6	3.5		60	58	55	49	44	39	34	27	18	11			
213	4SDM20/12	4SD20/12	3	4		72	69	66	59	52	47	41	32	21	14			
214	4SDM20/13	4SD20/13	3.7	5		78	75	71	64	57	51	44	35	23	15			
215	4SDM20/15	4SD20/15	4	5.5		90	87	82	74	65	59	51	40	27	17			
216	-	4SD20/17	5	7		102	98	93	83	74	66	58	46	30	19			
217	-	4SD20/19	5.5	7.5		114	110	105	93	83	74	65	51	34	22			
218	-	4SD20/21	7.5	10		126	121	116	103	92	82	72	56	37	24			
219	-	4SD20/22	7.5	10		132	127	121	108	96	86	75	59	39	25			



MOTOR AND PUMP

Adopted the NEMA standard  
Insulation class:B  
Protection grade:IP68  
Maximum Diameter φ 70mm  
Highest temperature of liquid:35°C

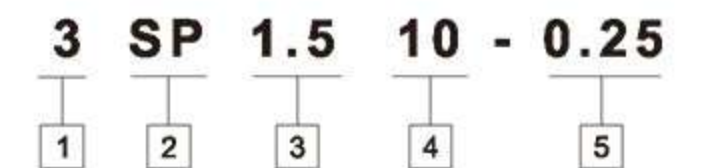
PTIONS ON REQUEST

Special mechanical seal  
Single phase motor with built-in capacitor

OPERATING CONDITIONS

Maximum fluid temperature up to +50°C  
Maximum sand content:0.25%  
Maximum immersion:80m  
Minimum well diameter:3"

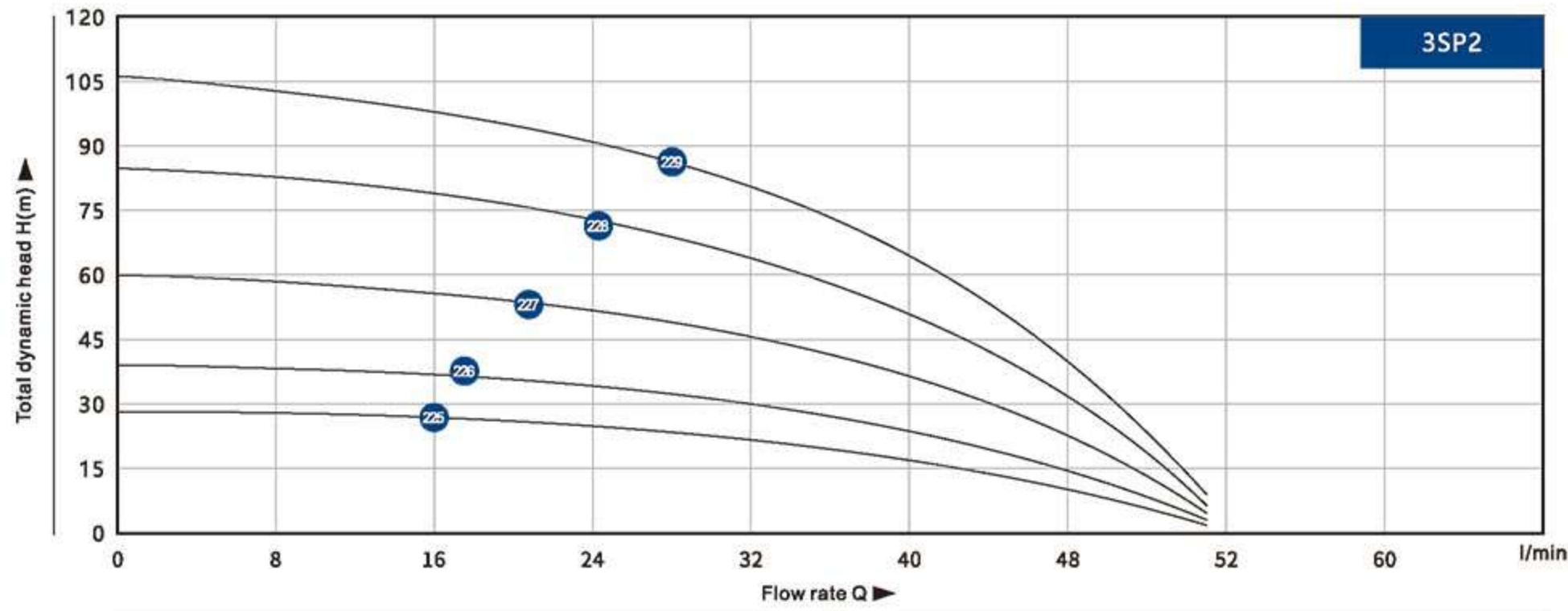
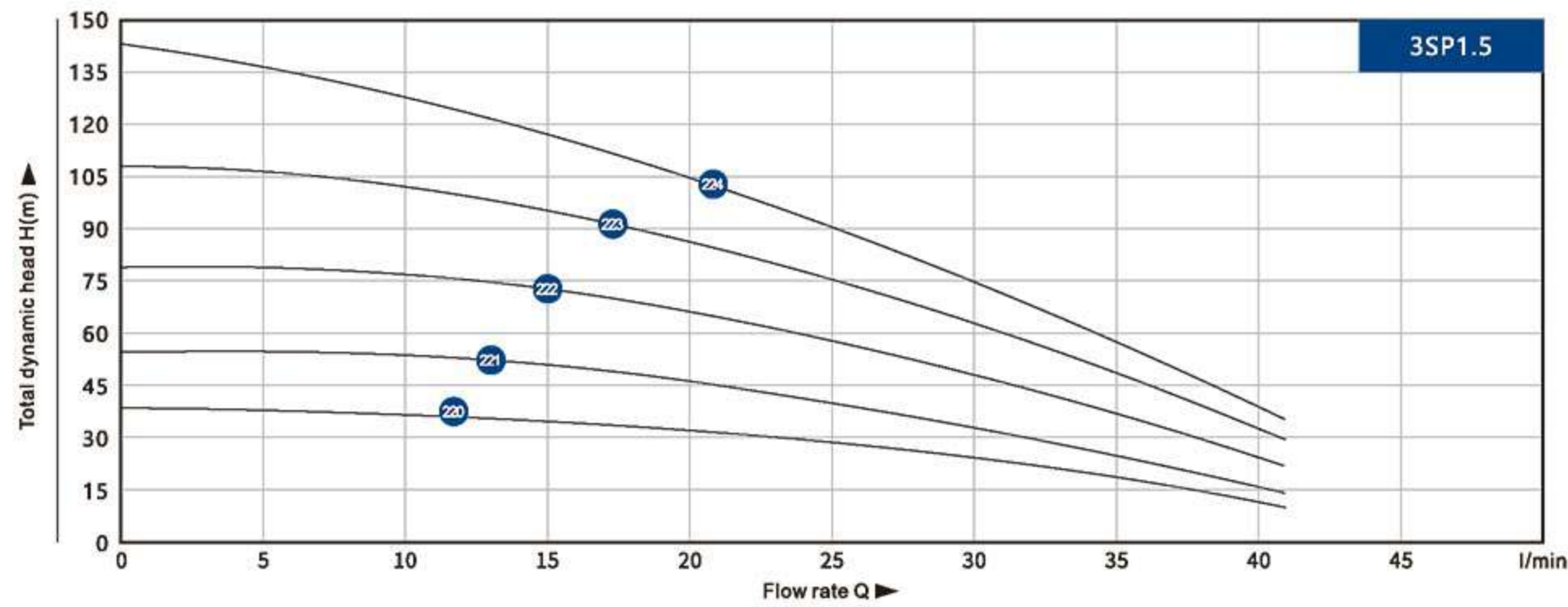
MODEL DESCRIPTION



- 1.Well diameter :80mm(3")
- 2.3SP Series stainless steel submersible pump
- 3.Capacity
- 4.number of stages
- 5.Motor power(kw)

APPLICATIONS

Water supply system  
Booster  
Garden and farm irrigation  
Lowering underground water level  
Various industrial applications



**PERFORMANCE DATA 50Hz**

MODEL		MOTOR POWER		DELIVERY n≈2850 1/min							
No	Three phase 380-415V-50Hz	KW	HP	Q m³/h / l/min	0	0.5	1	1.5	1.8	2	2.5
220	3SP1.5-10	0.25	0.33	H(m)	38	36	33	28	23	20	10
221	3SP1.5-15	0.37	0.5		55	54	20	40	34	29	14
222	3SP1.5-22	0.55	0.75		79	78	72	58	50	42	20
223	3SP1.5-30	0.75	1		108	105	93	76	64	57	24
224	3SP1.5-40	1.1	1.5		144	132	120	91	76	60	35

**PERFORMANCE DATA 50Hz**

MODEL		MOTOR POWER		DELIVERY n≈2850 1/min						
No	Three phase 380-415V-50Hz	KW	HP	Q m³/h / l/min	0	1	1.5	2	2.5	3
225	3SP2-8	0.25	0.33	H(m)	28	26	25	22	17	11
226	3SP2-11	0.37	0.5		39	36	34	30	24	15
227	3SP2-17	0.55	0.75		60	59	52	46	37	23
228	3SP2-24	0.75	1		85	79	74	65	52	33
229	3SP2-32	1.1	1.5		106	97	92	83	65	40

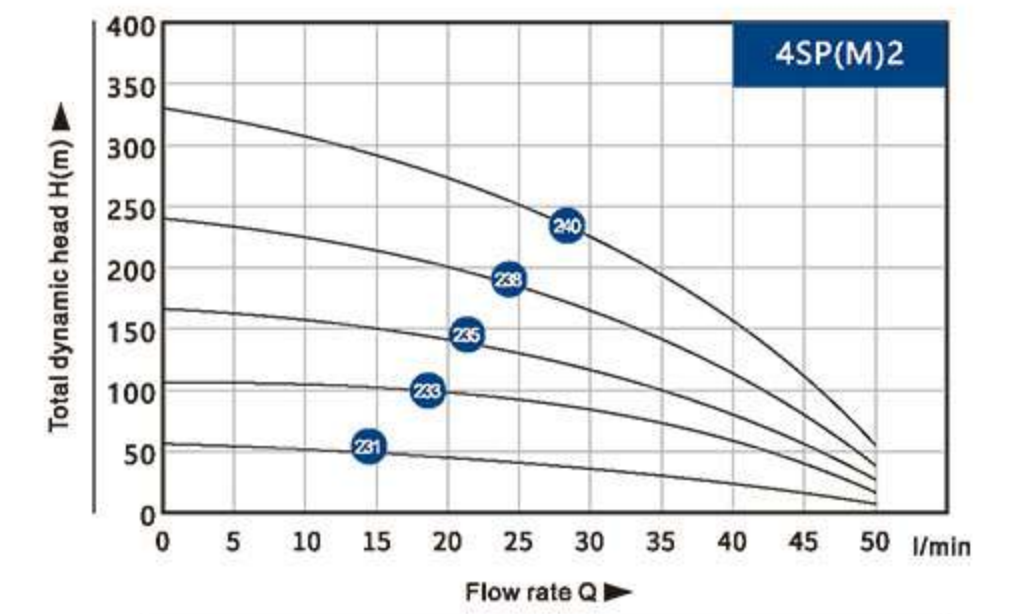
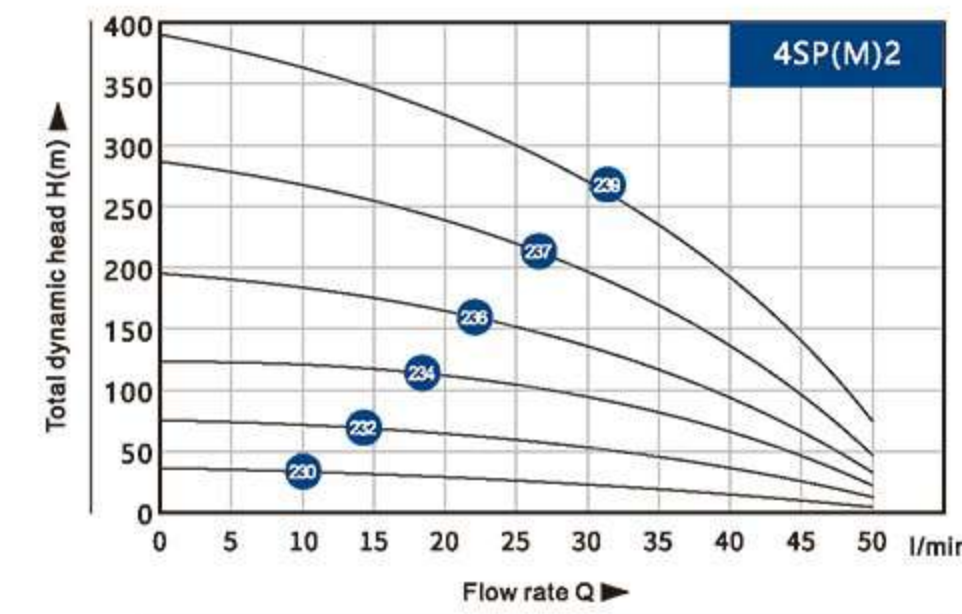
## 4SP SERIES

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

**■ MOTOR AND PUMP**  
Single-phase: 220-240V/50Hz  
Three-phase: 380-415V/50Hz  
Equip with start control box  
NEMA dimension standards  
Curve tolerance according to ISO 9001

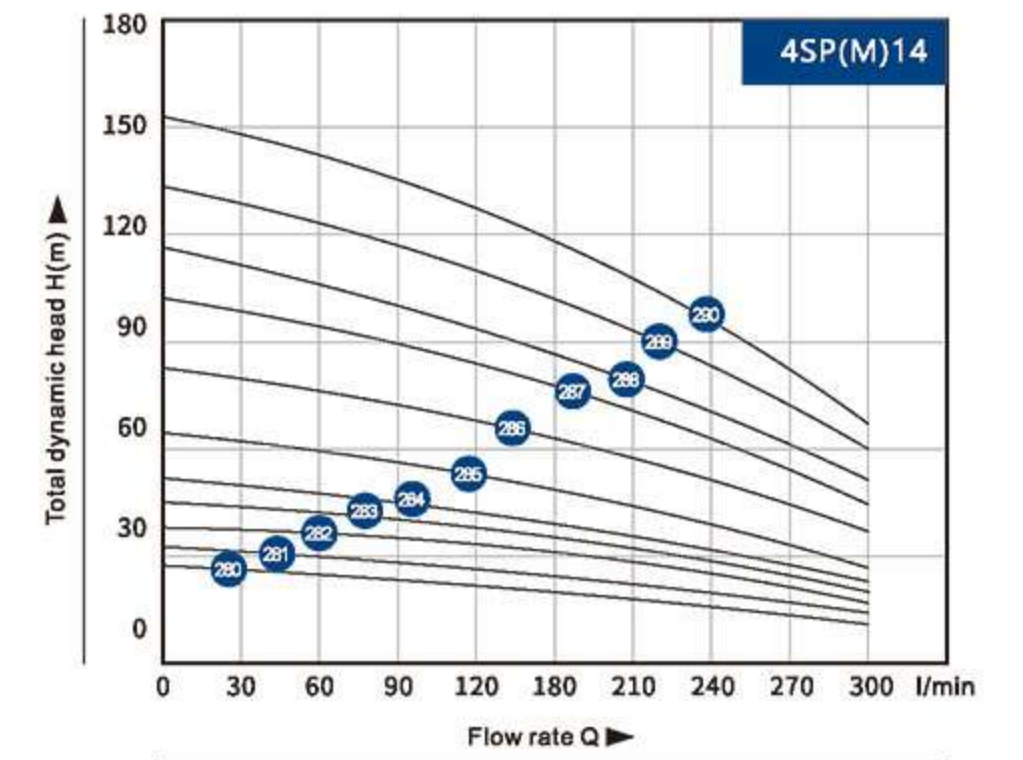
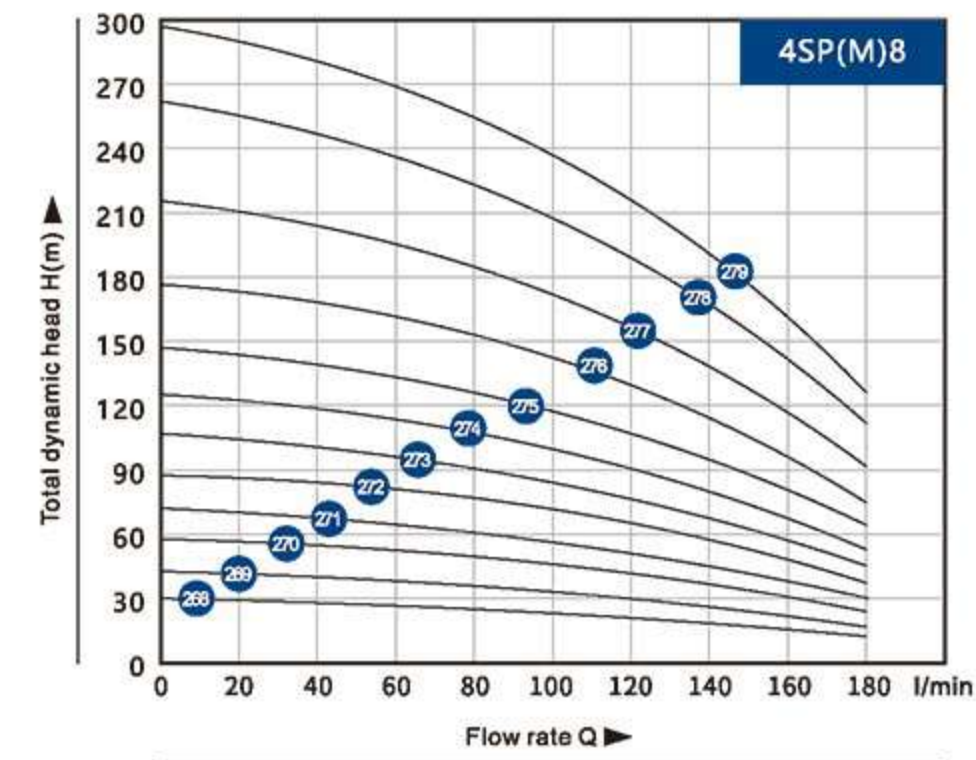
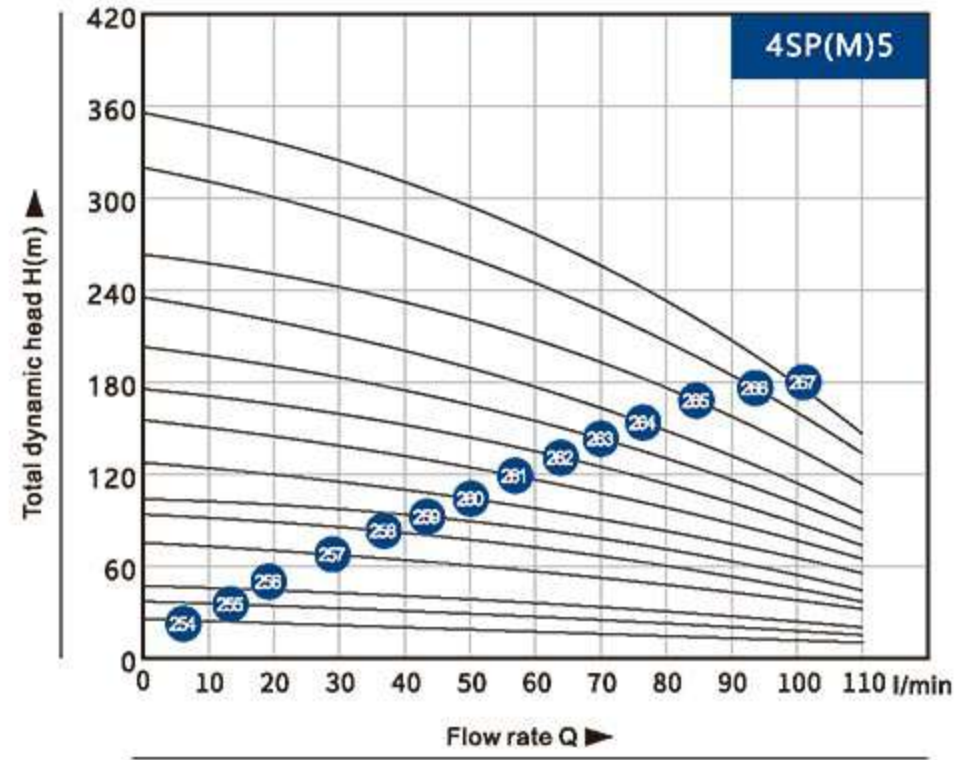
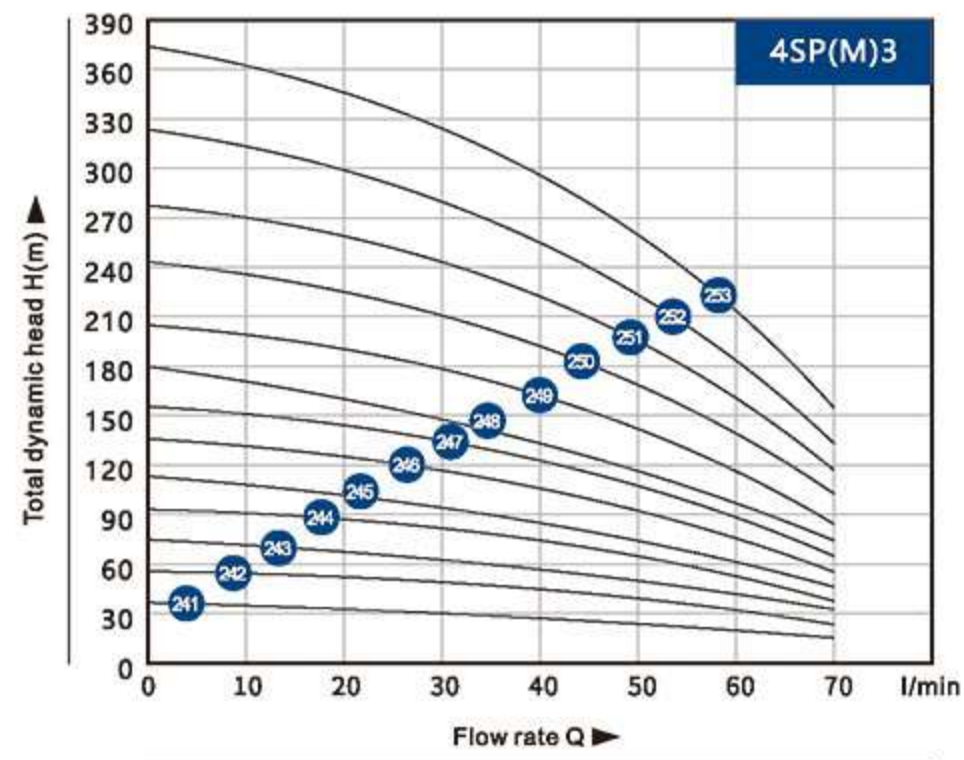
**■ OPERATING CONDITIONS**  
Maximum fluid temperature up to +35°C  
Maximum sand content: 0.25%  
Minimum well diameter: 4" (100mm)

**■ OPTIONS ON REQUEST**  
Special mechanical seal  
Single phase motor with built-in capacitor



**PERFORMANCE DATA 50Hz**

MODEL		MOTOR POWER		DELIVERY n≈2850 1/min												
No	1~240V / 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	
230	4SPM2-6 / 4SP2-6	0.37	0.5	H(m)	36	35	34	32	31	28	25	21	16	11	6	
231	4SPM2-9 / 4SP2-9	0.37	0.5		54	53	51	48	46	42	37	31	25	17	9	
232	4SPM2-13 / 4SP2-13	0.55	0.75		78	76	73	70	66	61	54	45	35	24	13	
233	4SPM2-18 / 4SP2-18	0.75	1		108	105	102	97	92	85	75	63	49	34	18	
234	4SPM2-23 / 4SP2-23	1.1	1.5		138	134	130	124	117	108	96	80	63	43	23	
235	4SPM2-28 / 4SP2-28	1.3	1.75		168	164	158	151	143	132	116	97	76	53	28	
236	4SPM2-33 / 4SP2-33	1.5	2		198	193	186	178	168	155	137	115	90	62	32	
237	4SPM2-40 / 4SP2-40	1.8	2.5		240	234	226	215	204	188	166	139	109	75	39	
238	4SPM2-48 / 4SP2-48	2.2	3		288	281	271	258	244	226	199	167	131	90	47	
239	4SPM2-55 / 4SP2-55	2.6	3.5		330	322	311	296	280	259	228	191	150	103	54	
240	- / 4SP2-65	3	4		390	380	367	350	331	306	270	226	177	122	64	



PERFORMANCE DATA 50Hz

MODEL		MOTOR POWER		DELIVERY n ≈ 2850 1/min									
No	1~ 220 - 240V	3~ 380 - 415V	KW	HP	Q m³/h l/min	0	0.6 10	1.2 20	1.8 30	2.4 40	3.0 50	3.6 60	4.2 70
241	4SPM3-6	4SP3-6	0.37	0.5	H(m)	37	36	34	32	29	26	21	16
242	4SPM3-9	4SP3-9	0.55	0.75		56	54	51	48	44	39	32	23
243	4SPM3-12	4SP3-12	0.75	1		74	71	68	64	59	52	43	31
244	4SPM3-15	4SP3-15	0.92	1.25		93	89	85	80	74	65	54	39
245	4SPM3-18	4SP3-18	1.1	1.5		112	107	102	96	88	78	64	47
246	4SPM3-22	4SP3-22	1.3	1.75		136	131	125	117	108	95	78	57
247	4SPM3-25	4SP3-25	1.5	2		155	149	142	133	123	108	89	65
248	4SPM3-29	4SP3-29	1.8	2.5		180	173	164	154	142	126	103	75
249	4SPM3-33	4SP3-33	2.2	3		205	196	187	175	162	143	118	85
250	4SPM3-39	4SP3-39	2.6	3.5		242	232	221	207	191	169	139	101
251	-	4SP3-45	3	4		279	268	255	239	221	195	161	118
252	-	4SP3-52	3.7	5		322	309	295	276	255	225	185	134
253	-	4SP3-60	4	5.5		372	357	340	319	294	260	214	155

PERFORMANCE DATA 50Hz

MODEL		MOTOR POWER		DELIVERY n ≈ 2850 1/min											
No	1~ 220 - 240V	3~ 380 - 415V	KW	HP	Q m³/h l/min	0	1.2 20	2.4 40	3.6 60	4.8 80	6.0 100	7.2 120	8.4 140	9.6 160	10.8 180
268	4SPM8-5	4SP8-5	0.75	1	H(m)	30	28	27	26	25	24	22	20	17	13
269	4SPM8-7	4SP8-7	1.1	1.5		42	40	38	37	35	33	31	28	24	18
270	4SPM8-10	4SP8-10	1.5	2		59	57	55	52	50	47	44	40	34	25
271	4SPM8-12	4SP8-12	1.8	2.5		71	68	66	63	60	57	53	48	41	30
272	4SPM8-15	4SP8-15	2.2	3		89	85	82	79	75	71	66	60	51	38
273	-	4SP8-18	3	4		107	102	98	94	90	85	79	72	61	46
274	-	4SP8-21	3.7	5		125	119	115	110	105	100	92	84	71	53
275	-	4SP8-25	4	5.5		149	142	137	131	125	119	110	100	85	64
276	-	4SP8-30	5	7		178	170	164	157	150	142	132	119	102	76
277	-	4SP8-36	5.5	7.5		214	204	197	189	180	171	158	143	122	91
278	-	4SP8-44	7	10		261	250	240	231	220	209	194	175	150	112
279	-	4SP8-50	7.5	10		297	284	273	262	250	237	220	199	170	127

MODEL		MOTOR POWER		DELIVERY n ≈ 2850 1/min													
No	1~ 220 - 240V	3~ 380 - 415V	KW	HP	Q m³/h l/min	0	0.6 10	1.2 20	1.8 30	2.4 40	3.0 50	3.6 60	4.2 70	4.8 80	5.4 90	6.0 100	6.6 110
254	4SPM5-4	4SP5-4	0.37	0.5	H(m)	25	24	23	22	21	20	19	18	16	15	12	10
255	4SPM5-6	4SP5-6	0.55	0.75		37	36	35	33	32	30	28	26	24	22	19	15
256	4SPM5-8	4SP5-8	0.75	1		49	48	46	44	42	40	38	35	32	29	25	20
257	4SPM5-12	4SP5-12	1.1	1.5		74	72	69	66	63	60	57	53	48	44	37	31
258	4SPM5-15	4SP5-15	1.3	1.75		92	89	86	83	79	75	71	66	61	55	47	38
259	4SPM5-17	4SP5-17	1.5	2		105	101	98	94	90	85	80	75	69	62	53	44
260	4SPM5-21	4SP5-21	1.8	2.5		129	125	121	116	111	105	99	92	85	76	66	54
261	4SPM5-25	4SP5-25	2.2	3		154	149	144	138	132	125	118	110	101	91	78	64
262	4SPM5-29	4SP5-29	2.6	3.5		179	173	167	160	153	145	137	128	117	106	90	74
263	-	4SP5-33	3	4		203	197	190	182	174	165	156	145	133	120	103	84
264	-	4SP5-38	3.7	5		234	226	219	210	201	190	179	167	154	138	119	97
265	-	4SP5-44	4	5.5		271	262	253	243	232	220	208	194	178	160	137	113
266	-	4SP5-52	5	7		320	310	300	287	275	260	245	229	210	189	162	133
267	-	4SP5-58	5.5	7.5		357	346	334	320	306	290	274	255	234	211	181	148

MODEL		MOTOR POWER		DELIVERY n ≈ 2850 1/min													
No	1~ 220 - 240V	3~ 380 - 415V	KW	HP	Q m³/h l/min	0	1.8 30	3.6 60	5.4 90	7.2 120	9.0 150	10.8 180	12.6 210	14.4 240	16.2 270	18	
280	4SPM14-4	4SP14-4	1.3	1.75	H(m)	26	25	24	23	22	21	20	18	16	14	11	
281	4SPM14-5	4SP14-5	1.5	2		32	31	29	28	27	26	24	23	20	18	14	
282	4SPM14-6	4SP14-6	1.8	2.5		38	37	35	34	32	31	29	27	25	21	17	
283	4SPM14-7	4SP14-7	2.2	3		45	43	41	39	38	36	34	32	29	25	20	
284	4SPM14-8	4SP14-8	2.6	3.5		51	49	47	45	43	41	39	36	33	28	23	
285	-	4SP14-10	3	4		64	62	59	56	54	51	49	45	41	35	28	
286	-	4SP14-13	4	5.5		83	80	76	73	70	67	63	59	53	46	37	
287	-	4SP14-16	5	7		102	99	94	90	86	82	78	73	65	57	45	
288	-	4SP14-18	5.5	7.5		115	111	106	101	97	92	88	82	74	64	51	
289	-	4SP14-21	7	10		134	130	123	118	113	108	102	95	86	74	60	
290	-	4SP14-24	7.5	10		153	148	141	135	129	123	117	109	97	85	68	

# 4/6SP 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

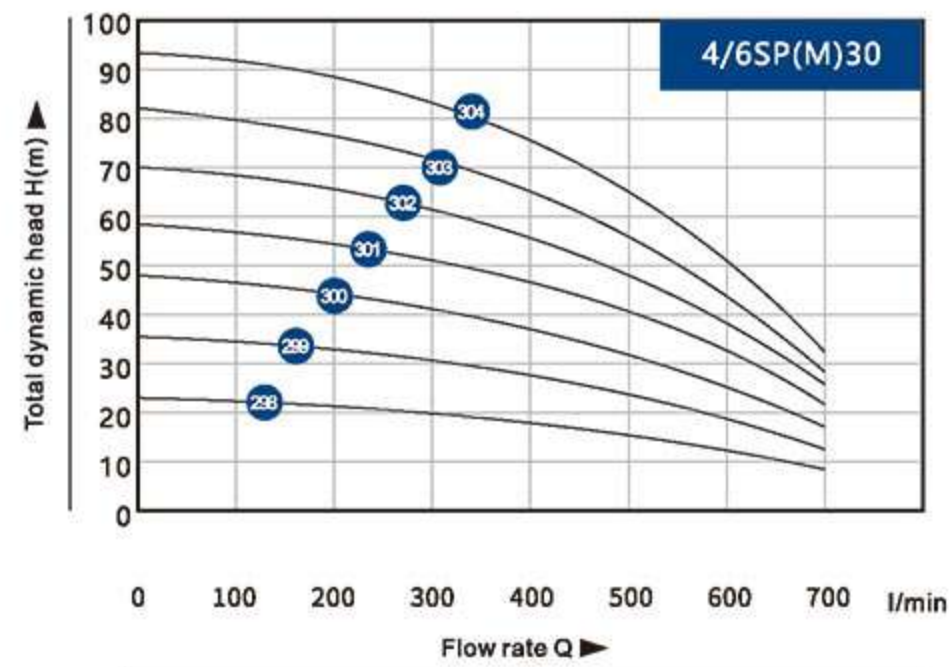
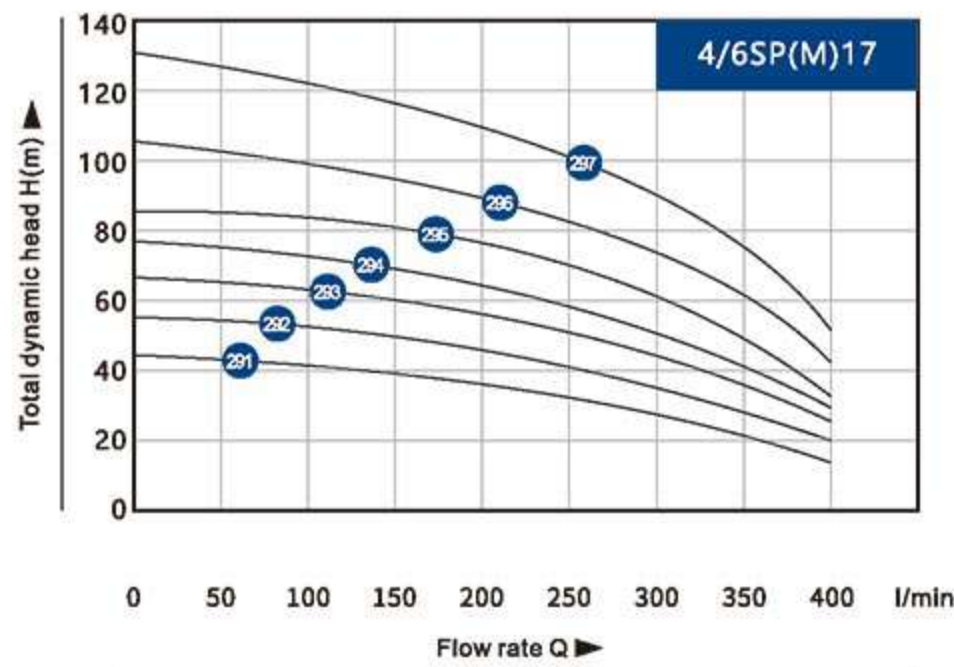
Single-phase: 220-240V/50Hz  
Three-phase: 380-415V/50Hz  
Equip with start control box  
NEMA dimension standards  
Curve tolerance according to ISO 9001

### OPERATING CONDITIONS

Maximum fluid temperature up to +35°C  
Maximum sand content: 0.25%  
Minimum well diameter: 4" (100mm)

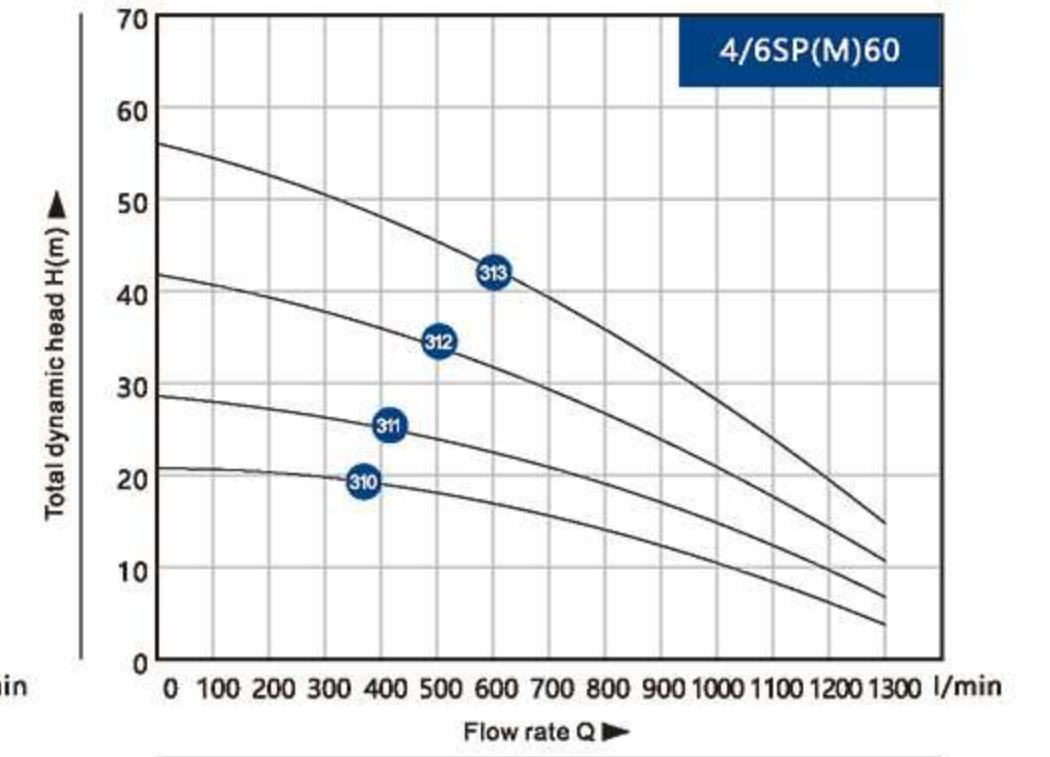
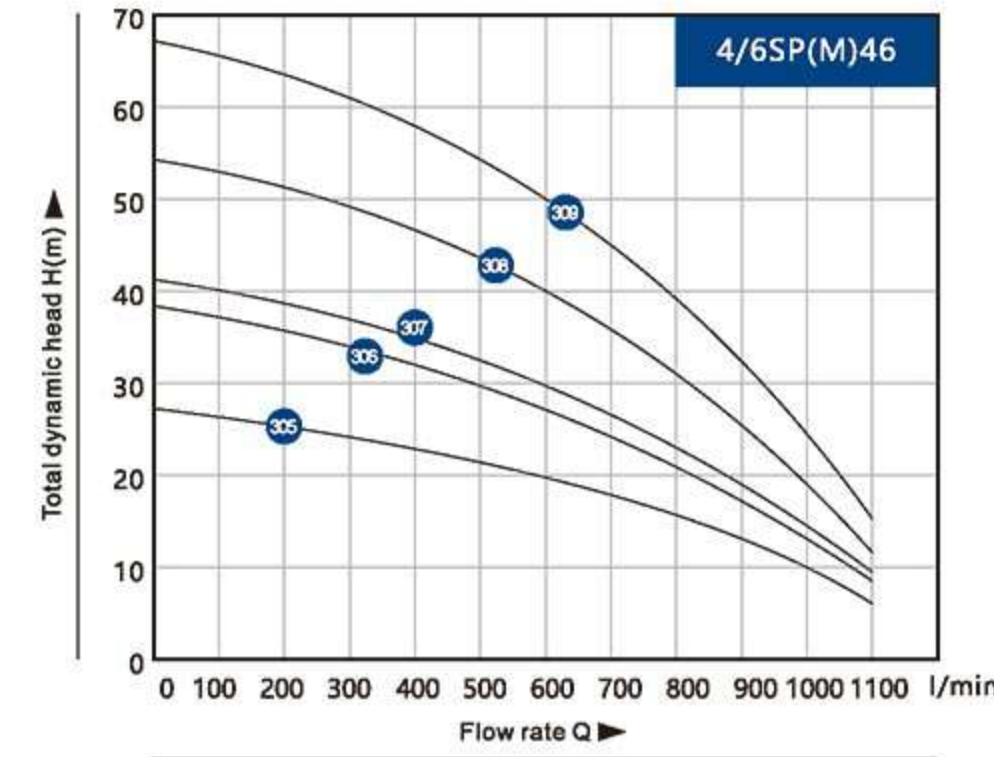
### OPTIONS ON REQUEST

Special mechanical seal  
Single phase motor with built-in capacitor



### PERFORMANCE DATA 50Hz

No	MODEL		MOTOR POWER		Q m³/h l/min	DELIVERY n≈ 2850 1/min								
	1~ 220-240V	3~ 380-415V	KW	HP		0	3	6	9	12	15	18	21	24
291	4/6SPM17-4	4/6SP17-4	2.2	3	H(m)	43	43	42	41	38	35	30	24	16
292	4/6SPM17-5	4/6SP17-5	3	4		54	53	53	51	48	43	37	30	20
293	4/6SPM17-6	4/6SP17-6	4	5.5		65	64	63	61	57	52	45	35	25
294	4/6SPM17-7	4/6SP17-7	4	5.5		76	75	74	71	67	60	52	41	29
295	4/6SPM17-8	4/6SP17-8	5.5	7.5		87	86	84	82	76	69	60	47	33
296	-	4/6SP17-10	5.5	7.5		108	107	105	102	95	86	75	59	41
297	-	4/6SP17-12	7.5	10		130	128	127	122	115	104	89	71	49



### PERFORMANCE DATA 50Hz

No	MODEL		MOTOR POWER		Q m³/h l/min	DELIVERY n≈ 2850 1/min							
	1~ 220-240V	3~ 380-415V	KW	HP		0	6	12	18	24	30	36	42
298	4/6SPM30-2	4/6SP30-2	2.2	3	H(m)	23	23	22	20	19	16	13	8
299	4/6SPM30-3	4/6SP30-3	3	4		35	34	32	30	28	24	19	12
300	4/6SPM30-4	4/6SP30-4	4	5.5		47	46	43	40	38	33	25	17
301	4/6SPM30-5	4/6SP30-5	5.5	7.5		59	57	54	50	47	41	32	21
302	-	4/6SP30-6	5.5	7.5		70	69	65	60	56	49	38	25
303	-	4/6SP30-7	7.5	10		82	80	75	70	66	57	45	29
304	-	4/6SP30-8	7.5	10		94	91	86	81	75	65	51	33

No	MODEL		MOTOR POWER		Q m³/h l/min	DELIVERY n≈ 2850 1/min											
	1~ 220-240V	3~ 380-415V	KW	HP		0	6	12	18	24	30	36	42	48	54	60	66
305	4/6SPM46-2	4/6SP46-2	3	4	H(m)	27	26	26	25	23	22	20	18	16	14	10	6
306	4/6SPM46-3	4/6SP46-3	4	5.5		37	36	36	34	32	29	27	24	21	16	12	8
307	4/6SPM46-3	4/6SP46-3	5.5	7.5		41	40	39	37	35	33	30	28	25	21	15	9
308	-	4/6SP46-4	7.5	10		54	53	52	49	46	43	40	37	33	27	20	12
309	-	4/6SP46-5	7.5	10		68	66	64	62	58	54	50	46	41	34	25	15

No	MODEL		MOTOR POWER		Q m³/h l/min	DELIVERY n≈ 2850 1/min													
	1~ 220-240V	3~ 380-415V	KW	HP		0	6	12	18	24	30	36	42	48	54	60	66	72	78
310	4/6SPM60-2	4/6SP60-2	3	4	H(m)	21	21	21	19	18	17	16	14	13	11	10	8	6	4
311	4/6SPM60-2	4/6SP60-2	4	5.5		28	28	28	27	26	24	22	21	19	18	16	13	10	7
312	4/6SPM60-3	4/6SP60-3	5.5	7.5		42	42	42	41	39	36	33	31	29	26	23	20	16	11
313	-	4/6SP60-4	7.5	10		56	56	56	55	52	48	44	41	39	35	31	27	21	15



**6SP  
SERIES**

**MOTOR AND PUMP**

Hermetically -Sealed motor  
Single-phase:220-240V/50Hz  
Three-phase:380-415V/50Hz  
NEMA dimension standards  
Curve tolerance according to ISO 9001

**OPERATING CONDITIONS**

Maximum fluid temperature up to +35°C  
Maximum sand content:0.25%  
Minimum well diameter: 6" (150mm)

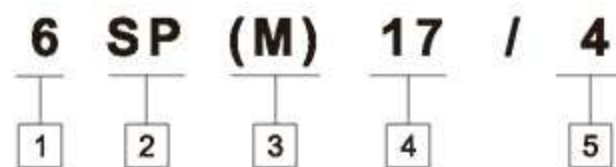
**APPLICATIONS**

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

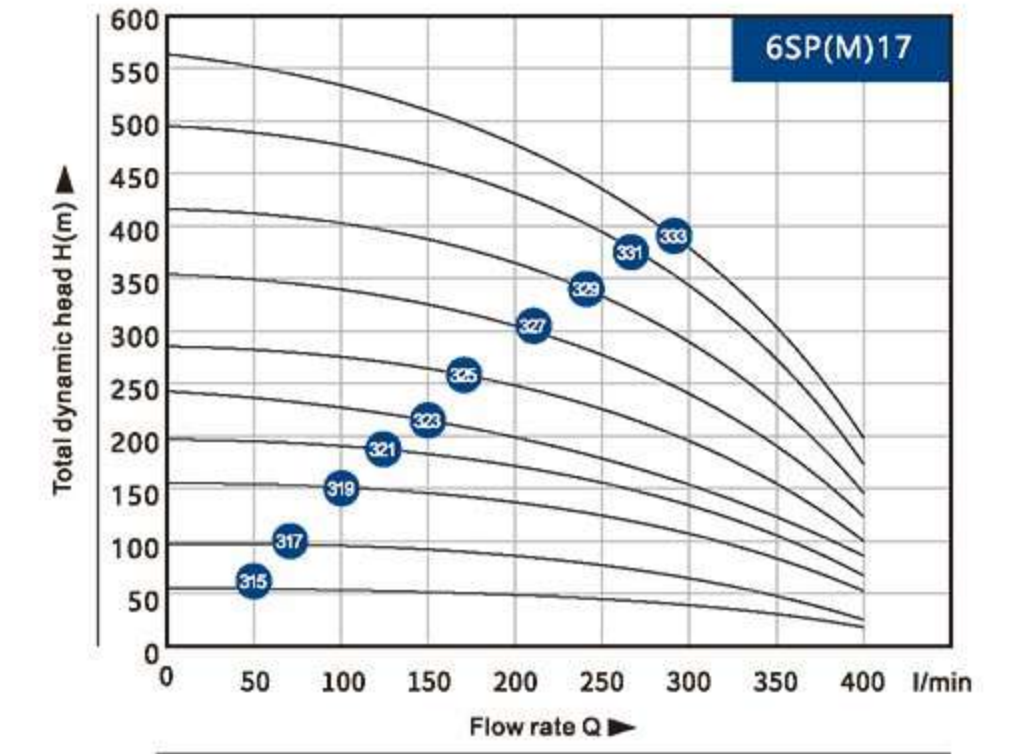
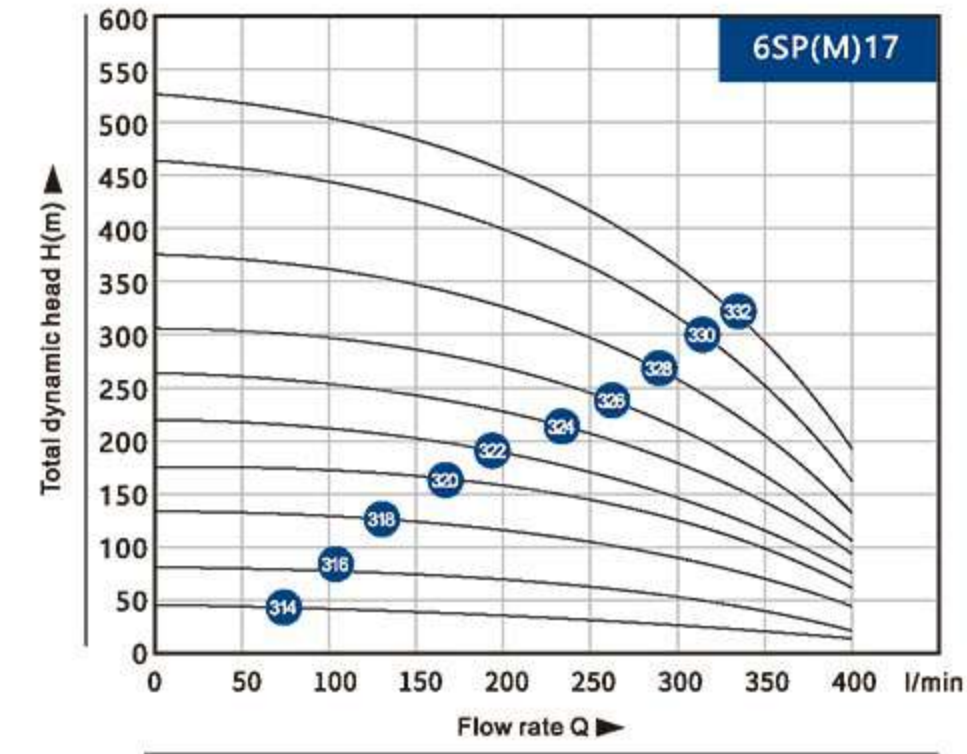
**OPTIONS ON REQUEST**

Special mechanical seal

**MODEL DESCRIPTION**

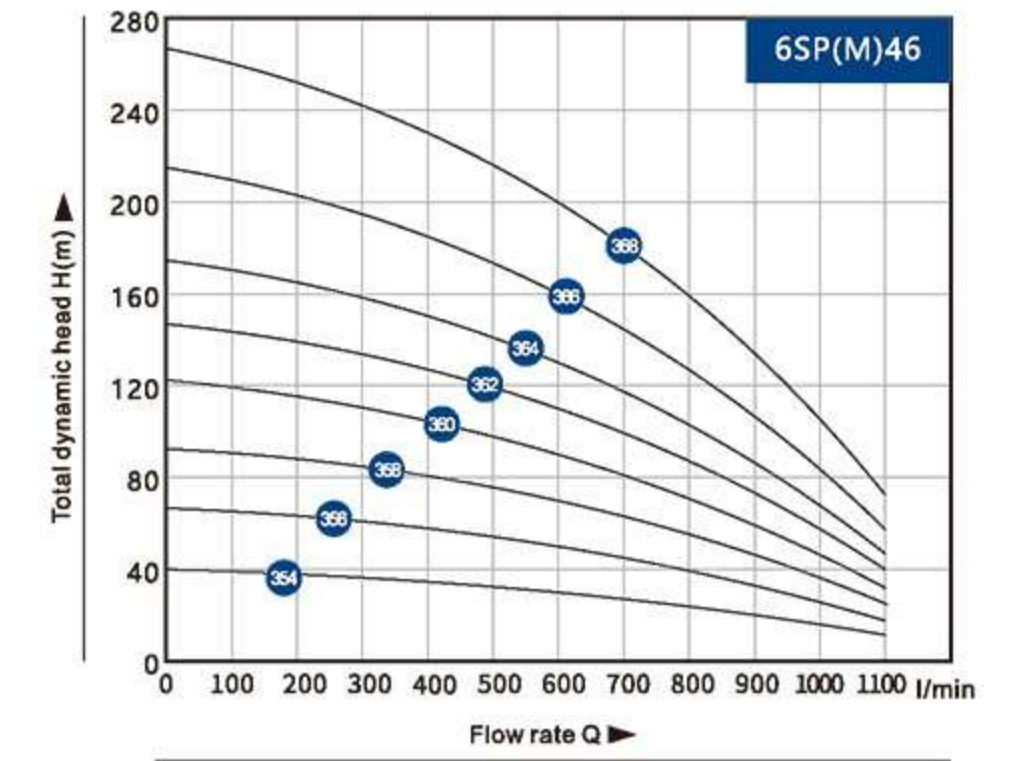
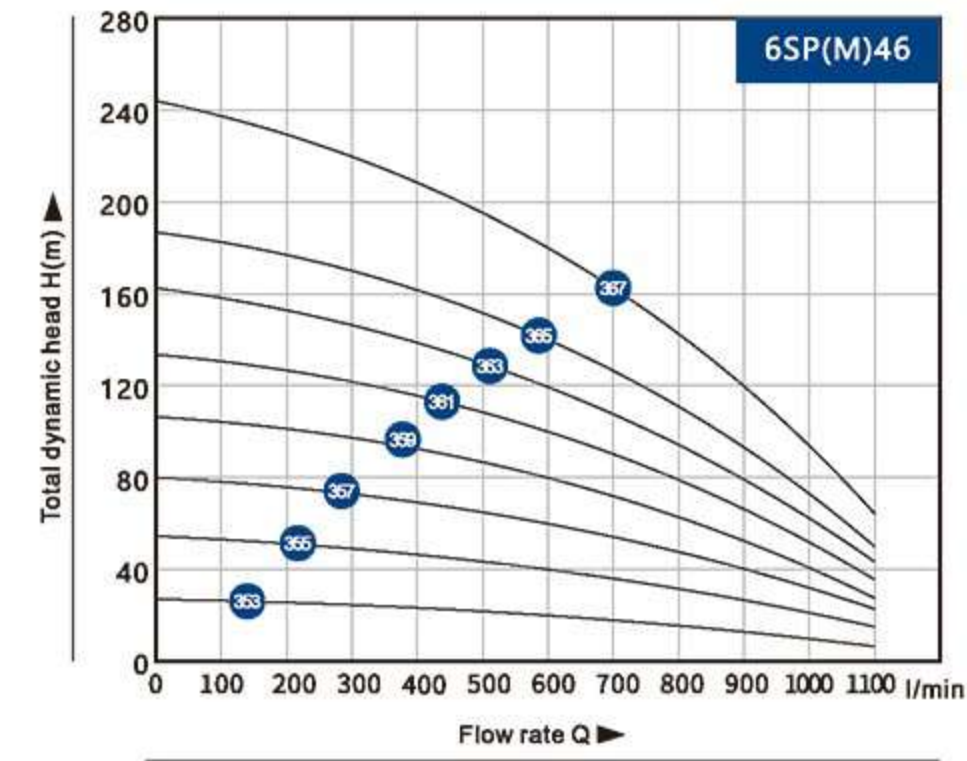
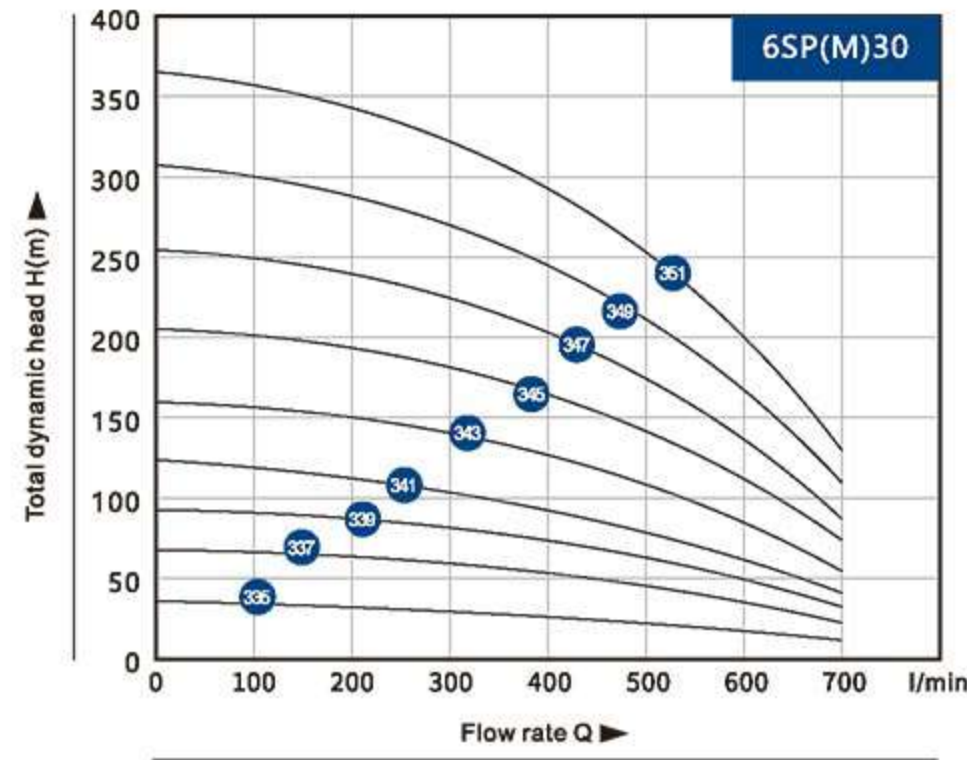
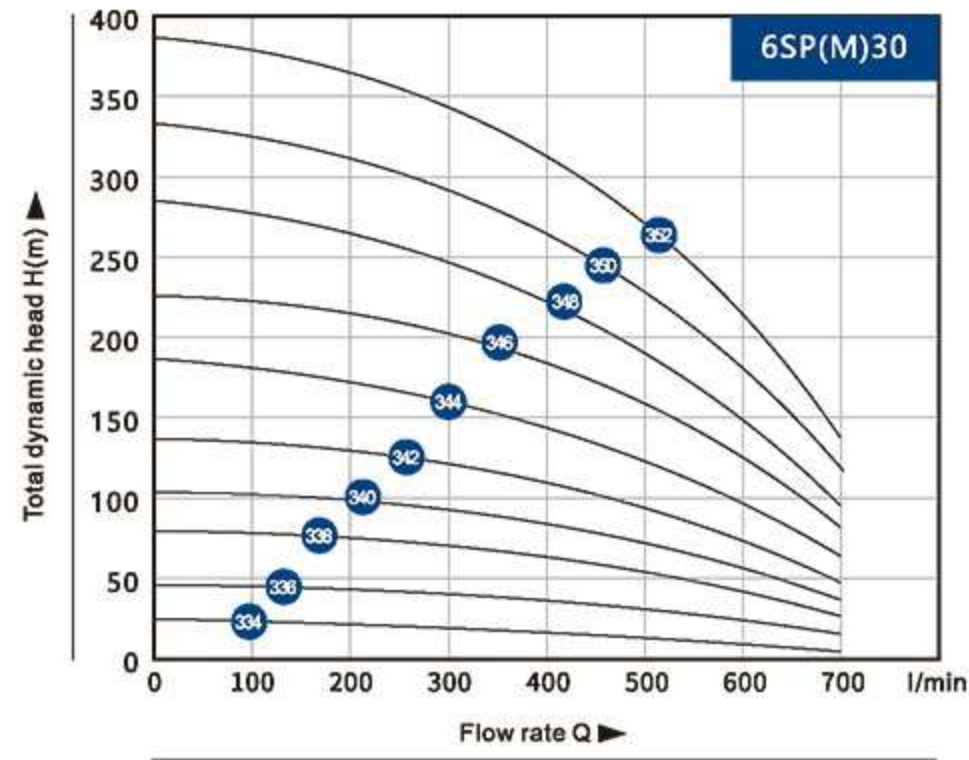


- 1. Well diameter
- 2. Model
- 3. Single phase(three phase with no M marked)
- 4. Capacity(m<sup>3</sup>/h)
- 5. Impeller's number



**PERFORMANCE DATA 50Hz**

No	MODEL		MOTOR POWER		Q m <sup>3</sup> /h l/min	DELIVERY n ≈ 2850 1/min								
	1~ 220 - 240V	3~ 380 - 415V	KW	HP		0	3	6	9	12	15	18	21	24
314	6SPM 17-4	6SP17-4	2.2	3	H(m)	44	44	43	42	39	35	30	23	15
315	6SPM17-5	6SP17-5	3	4		55	55	54	52	49	44	37	29	19
316	6SPM17-7	6SP17-7	4	5.5		77	77	75	73	68	61	52	40	27
317	6SPM17-9	6SP17-9	5.5	7.5		99	99	97	94	88	79	67	52	35
318	-	6SP17-12	7.5	10		132	132	129	125	117	105	90	69	46
319	-	6SP17-14	9.2	12.5		154	153	151	146	136	122	105	81	54
320	-	6SP17-16	9.2	12.5		176	175	172	167	156	140	120	92	61
321	-	6SP17-18	11	15		198	197	194	188	175	157	134	104	69
322	-	6SP17-20	11	15		220	219	215	209	195	175	149	115	77
323	-	6SP17-22	13	17.5		242	241	237	229	214	192	164	127	85
324	-	6SP17-24	13	17.5		264	263	258	250	233	209	179	138	92
325	-	6SP17-26	15	20		286	285	280	271	253	227	194	150	100
326	-	6SP17-28	18.5	25		308	307	301	292	272	244	209	161	108
327	-	6SP17-32	18.5	25		352	351	344	334	311	279	239	184	123
328	-	6SP17-34	22	30		374	373	366	355	331	297	254	196	131
329	-	6SP17-38	22	30		418	417	409	396	370	332	284	219	146
330	-	6SP17-42	26	35		462	460	452	438	408	366	314	242	161
331	-	6SP17-45	26	35		495	493	484	469	438	393	336	259	173
332	-	6SP17-48	30	40		528	526	517	501	467	419	359	277	184
333	-	6SP17-51	30	40		561	559	549	532	496	445	381	294	196

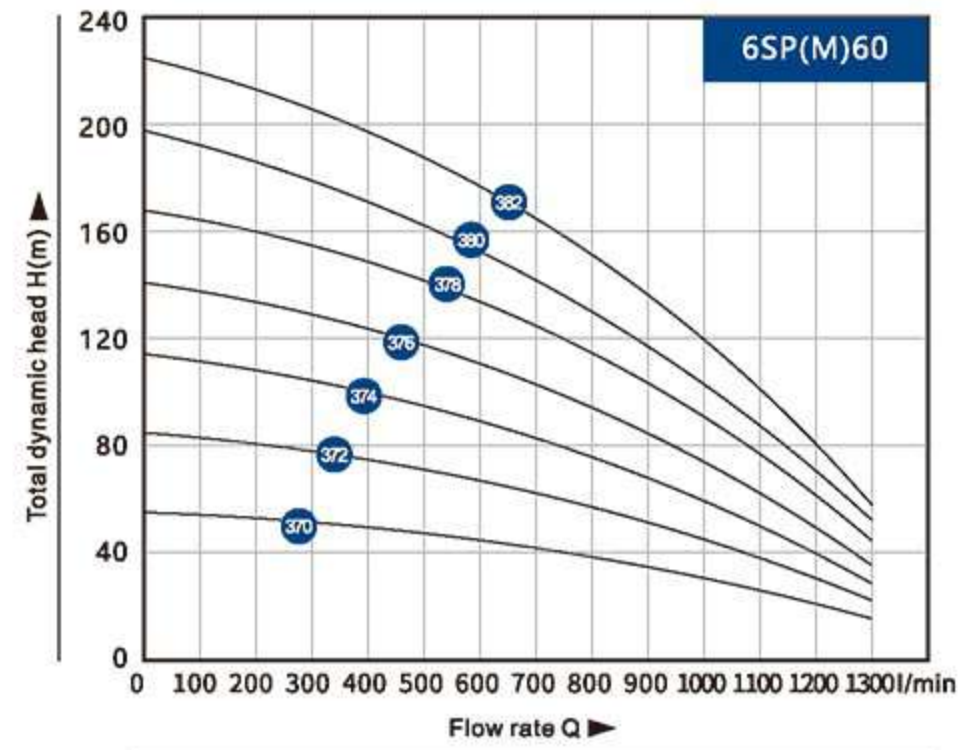
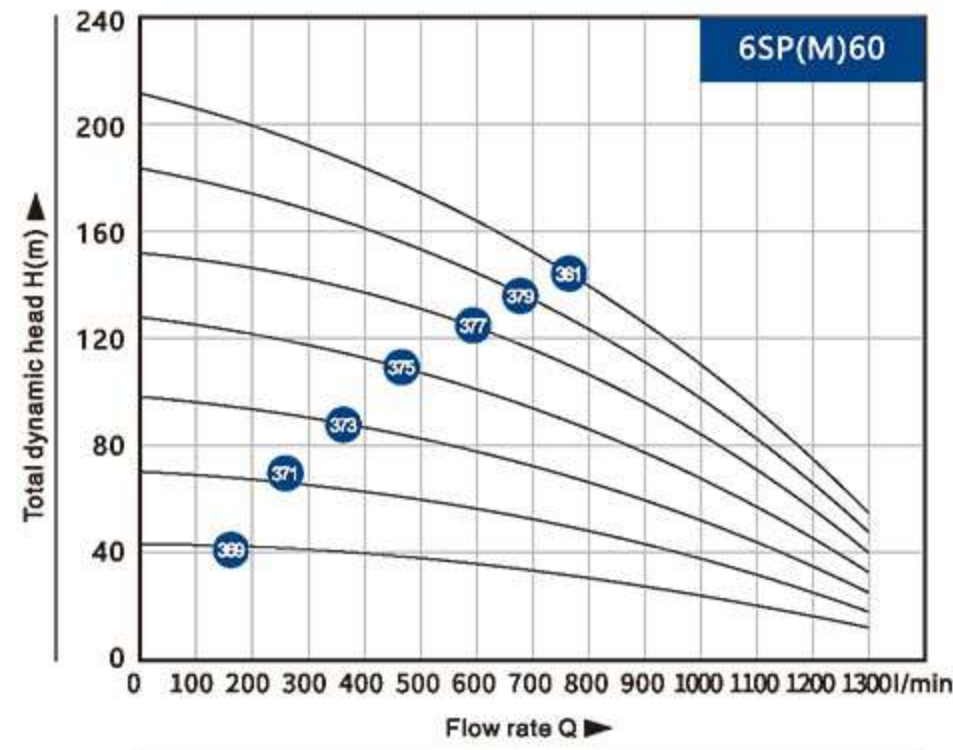


PERFORMANCE DATA 50Hz

MODEL		MOTOR POWER		DELIVERY n ≈ 2850 1/min									
No	1~ 220 - 240V	3~ 380 - 415V	KW	HP	Q m³/h l/min	0	6	12	18	24	30	36	42
					H(m)	0	100	200	300	400	500	600	700
334	6SPM30-2	6SP30-2	2.2	3		23	22	21	20	18	16	12	8
335	6SPM30-3	6SP30-3	3	4		34	33	32	30	28	24	19	12
336	6SPM30-4	6SP30-4	4	5.5		46	44	42	40	37	32	25	16
337	6SPM30-6	6SP30-6	5.5	7.5		69	66	63	60	55	47	37	24
338	-	6SP30-7	7.5	10		80	77	74	70	64	55	43	28
339	-	6SP30-8	7.5	10		92	89	85	80	74	63	50	33
340	-	6SP30-9	9.2	12.5		103	100	95	89	83	71	56	37
341	-	6SP30-10	9.2	12.5		114	111	106	99	92	79	62	41
342	-	6SP30-12	11	15		137	133	127	119	110	95	74	49
343	-	6SP30-14	13	17.5		160	155	148	139	129	110	87	57
344	-	6SP30-16	15	20		183	177	169	159	147	126	99	65
345	-	6SP30-18	18.5	25		206	199	190	179	165	142	111	73
346	-	6SP30-20	18.5	25		229	221	211	199	184	158	124	81
347	-	6SP30-22	22	30		252	243	232	219	202	173	136	89
348	-	6SP30-24	22	30		275	266	254	239	221	189	149	98
349	-	6SP30-27	26	35		309	299	285	268	248	213	167	110
350	-	6SP30-29	26	35		332	321	306	288	266	228	179	118
351	-	6SP30-32	30	40		366	354	338	318	294	252	198	130
352	-	6SP30-34	30	40		389	376	359	338	312	268	210	138

PERFORMANCE DATA 50Hz

MODEL		MOTOR POWER		DELIVERY n ≈ 2850 1/min													
No	1~ 220 - 240V	3~ 380 - 415V	KW	HP	Q m³/h l/min	0	6	12	18	24	30	36	42	48	54	60	66
					H(m)	0	100	200	300	400	500	600	700	800	900	1000	1100
353	6SPM46-2	6SP46-2	3	4		27	26	26	25	23	22	20	18	16	14	11	7
354	6SPM46-3	6SP46-3	5.5	7.5		40	39	38	37	35	32	30	27	24	21	16	11
355	-	6SP46-4	7.5	10		54	52	51	49	46	43	40	36	32	28	22	14
356	-	6SP46-5	7.5	10		67	66	64	62	58	54	50	46	41	35	27	18
357	-	6SP46-6	9.2	12.5		80	79	77	74	70	65	60	55	49	41	32	22
358	-	6SP46-7	11	15		94	92	90	86	81	76	70	64	57	48	38	25
359	-	6SP46-8	13	17.5		107	105	102	98	93	86	80	73	65	55	43	29
360	-	6SP46-9	15	20		121	118	115	111	104	97	90	82	73	62	49	32
361	-	6SP46-10	15	20		134	131	128	123	116	108	100	91	81	69	54	36
362	-	6SP46-11	18.5	25		147	144	141	135	128	119	110	100	89	76	59	40
363	-	6SP46-12	18.5	25		161	157	154	148	139	130	120	109	97	83	65	43
364	-	6SP46-13	22	30		174	170	166	160	151	140	130	118	105	90	70	47
365	-	6SP46-14	22	30		188	183	179	172	162	151	140	127	113	97	76	50
366	-	6SP46-16	26	35		214	210	205	197	186	173	160	146	130	110	86	58
367	-	6SP46-18	30	40		241	236	230	221	209	194	180	164	146	124	97	65
368	-	6SP46-20	30	40		268	262	256	246	232	216	200	182	162	138	108	72



PERFORMANCE DATA 50Hz

No	MODEL		MOTOR POWER		Q m³/h l/min	DELIVERY n ≈ 2850 1/min													
	1~ 220 - 240V	3~ 380 - 415V	KW	HP		0	6	12	18	24	30	36	42	48	54	60	66	72	78
369	6SPM60-3	6SP60-3	5.5	7.5	H(m)	42	42	42	41	39	36	33	31	29	26	23	20	16	11
370	-	6SP60-4	7.5	10		56	56	56	55	52	48	44	41	38	35	31	26	21	15
371	-	6SP60-5	9.2	12.5		70	70	69	68	65	60	55	52	48	44	39	33	26	18
372	-	6SP60-6	11	15		84	84	83	82	78	72	66	62	58	53	47	40	31	22
373	-	6SP60-7	13	17.5		98	98	97	95	91	84	77	72	67	62	55	46	36	25
374	-	6SP60-8	15	20		112	112	111	109	104	96	89	83	77	71	63	53	42	29
375	-	6SP60-9	18.5	25		126	125	125	123	116	108	100	93	87	79	70	60	47	33
376	-	6SP60-10	18.5	25		140	139	139	136	129	120	111	103	96	88	78	66	52	36
377	-	6SP60-11	22	30		154	153	153	150	142	132	122	113	106	97	86	73	57	40
378	-	6SP60-12	22	30		168	167	167	164	155	144	133	124	116	106	94	80	62	44
379	-	6SP60-13	26	35		182	181	180	177	168	156	144	134	125	115	102	86	67	47
380	-	6SP60-14	26	35		196	195	194	191	181	168	155	144	135	123	109	93	73	51
381	-	6SP60-15	30	40		210	209	208	204	194	180	166	155	144	132	117	99	78	54
382	-	6SP60-16	30	40		224	223	222	218	207	192	177	165	154	141	125	106	83	58

8SP SERIES



MOTOR AND PUMP

- ① Direct start (1 cable)
- ② Star-delta start (2 cables)
- Equip with start control box or digital auto-control box
- NEMA dimension standards
- Curve tolerance according to ISO 9001
- Maximum diameter φ 175mm

OPERATING CONDITIONS

- Maximum fluid temperature up to +50°C
- Maximum sand content: 0.25%
- Minimum well diameter: 8"

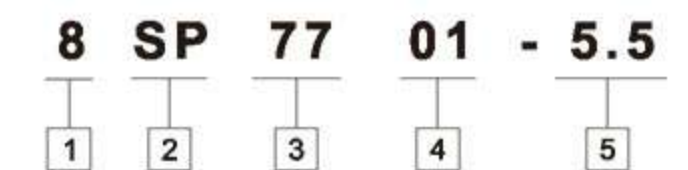
APPLICATIONS

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

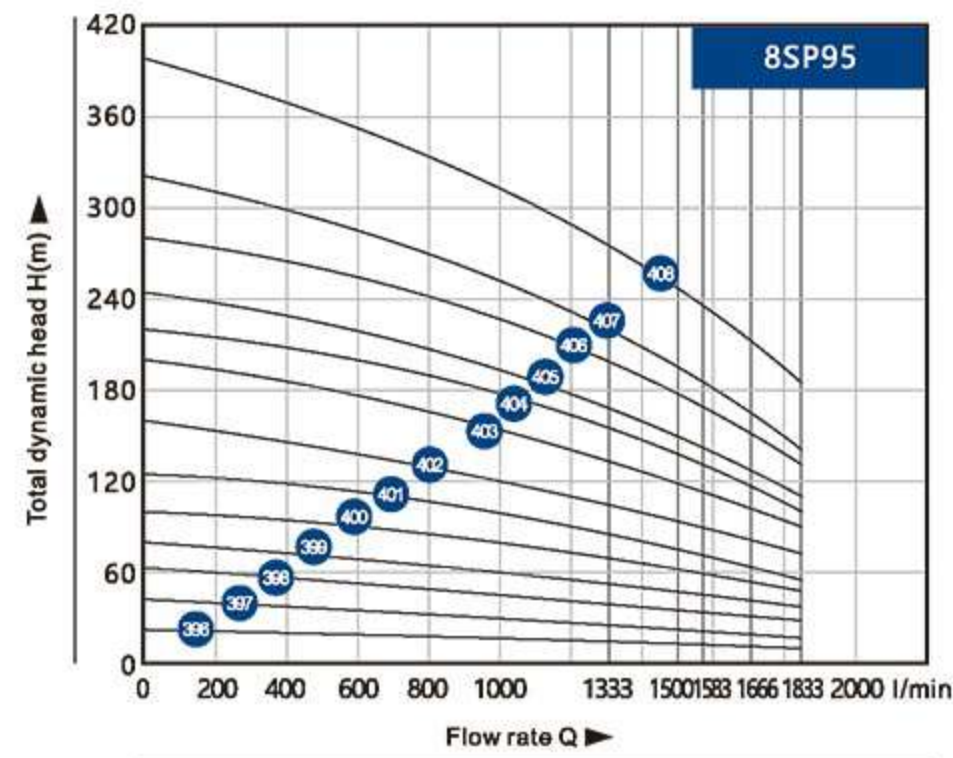
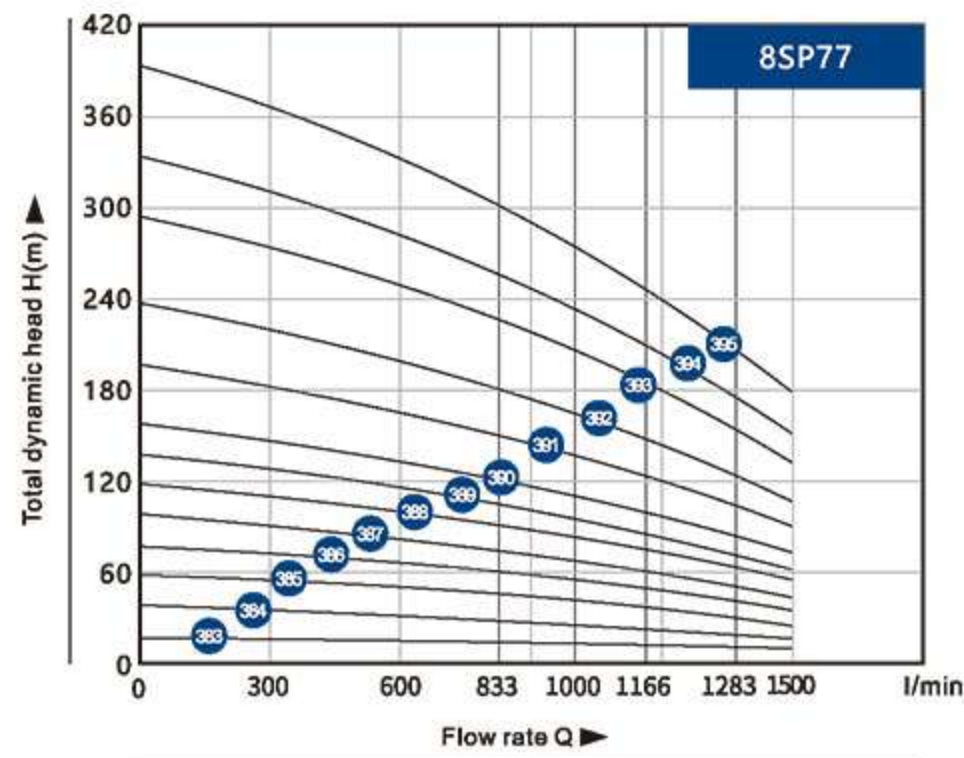
OPTIONS ON REQUEST

- Special mechanical seal

MODEL DESCRIPTION



- 1. Well diameter : 200mm (8")
- 2. 8SP Series stainless steel submersible pump
- 3. Capacity (m³/h)
- 4. Stage
- 5. Motor power (kw)



PERFORMANCE DATA 50Hz

No	MODEL Three phase 380- 415V- 50Hz	MOTOR POWER		Q <sup>m³/h</sup> l/min	DELIVERY n≈2850 1/min					
		KW	HP		0	50	60	70	77	90
					0	833	1000	1166	1283	1500
383	8SP77-01	5.5	7.5	H(m)	20	16	15	14	13	10
384	8SP77-02	7.5	10		40	31	30	28	27	21
385	8SP77-03	11	15		59	47	44	42	40	31
386	8SP77-04	15	20		79	63	59	56	53	42
387	8SP77-05	18.5	25		99	78	74	70	67	52
388	8SP77-06	22	30		119	94	89	84	79	63
389	8SP77-07	26	35		139	110	104	98	93	73
390	8SP77-08	30	40		159	125	119	112	107	84
391	8SP77-10	37	50		198	157	148	140	133	105
392	8SP77-12	45	60		238	188	178	168	160	126
393	8SP77-15	55	75		297	235	222	210	200	157
394	8SP77-17	63	85		337	266	252	238	227	178
395	8SP77-20	70	100	397	313	297	280	267	210	

No	MODEL Three phase 380- 415V- 50Hz	MOTOR POWER		Q <sup>m³/h</sup> l/min	DELIVERY n≈2850 1/min						
		KW	HP		0	60	80	90	95	100	110
					0	1000	1333	1500	1583	1666	1833
396	8SP95-01	5.5	7.5	H(m)	21	16	14	13	12	11	9
397	8SP95-02	9.2	12.5		42	31	28	25	24	22	18
398	8SP95-03	13	17.5		61	47	41	38	36	33	28
399	8SP95-04	18.5	25		82	62	55	50	48	45	37
400	8SP95-05	22	30		102	78	69	63	60	56	46
401	8SP95-06	26	35		123	94	83	76	72	67	55
402	8SP95-08	37	50		163	124	110	100	96	89	73
403	8SP95-10	45	60		204	155	137	125	120	112	92
404	8SP95-11	55	75		225	172	152	139	132	123	101
405	8SP95-12	55	75		246	187	165	151	144	135	111
406	8SP95-14	63	85		285	218	193	176	168	157	129
407	8SP95-16	75	100		326	249	220	199	193	179	147
408	8SP95-20	93	125	408	312	276	252	240	224	184	

10SP SERIES



MOTOR AND PUMP

- ① Direct start (1 cable)
- ② Star-delta start (2 cables)
- Equip with start control box or digital auto-control box
- NEMA dimension standards
- Curve tolerance according to ISO 9001
- Maximum diameter φ 210mm

OPERATING CONDITIONS

- Maximum fluid temperature up to +50°C
- Maximum sand content: 0.25%
- Minimum well diameter: 10"

APPLICATIONS

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

OPTIONS ON REQUEST

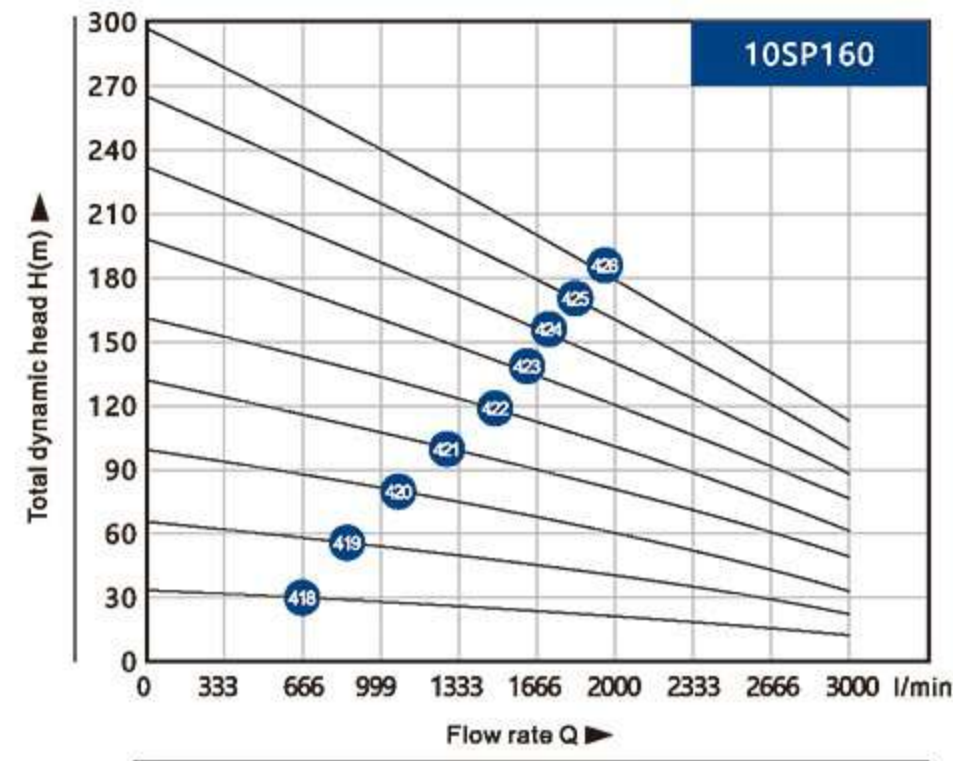
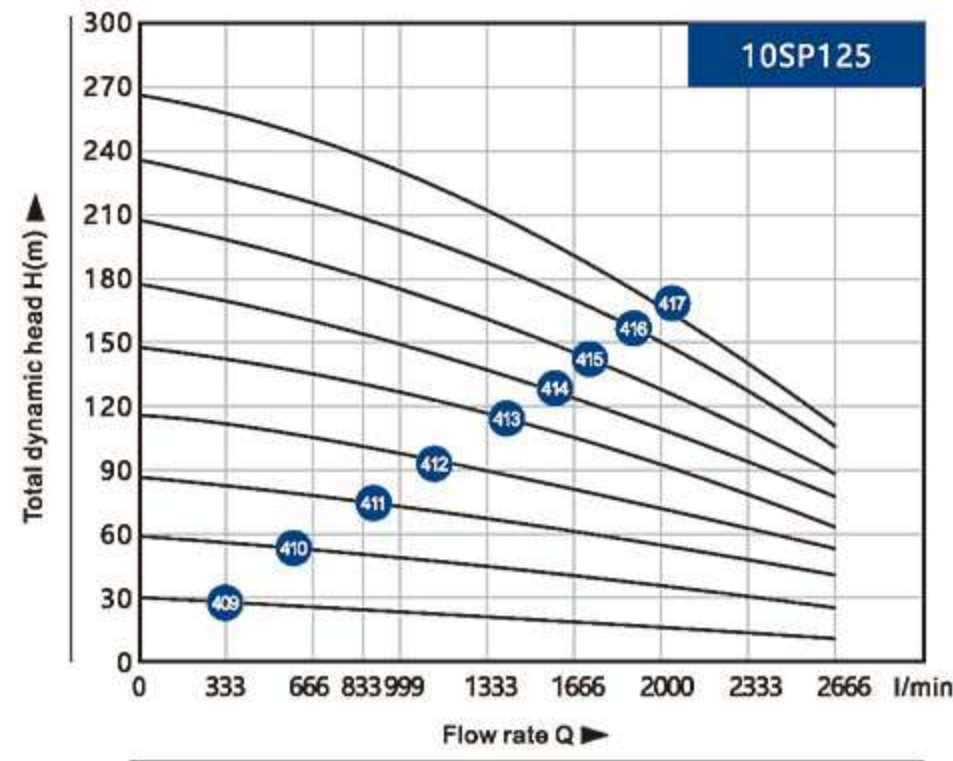
- Special mechanical seal

MODEL DESCRIPTION

10 SP 125 01 - 11

1 2 3 4 5

- 1. Well diameter : 200mm (10")
- 2. 10SP Series stainless steel submersible pump
- 3. Capacity (m³/h)
- 4. Stage
- 5. Motor power (kw)



PERFORMANCE DATA 50Hz

No	MODEL Three phase 380- 415V- 50Hz	MOTOR POWER		Q <sup>m³/h</sup> l/min	DELIVERY n ≈2850 1/min												
		KW	HP		0	50	80	100	125	140	160						
409	10SP125-1	11	15	0	833	1333	1666	2000	2333	2666	30	28	24	22	20	17	13
410	10SP125-2	22	30	30							59	55	49	45	40	35	26
411	10SP125-3	30	40	87							87	83	74	67	60	53	40
412	10SP125-4	37	50	115							115	110	98	91	80	70	52
413	10SP125-5	55	75	146							146	141	127	118	100	95	62
414	10SP125-6	63	85	178							178	165	142	130	120	100	75
415	10SP125-7	75	100	208							208	192	165	152	140	115	89
416	10SP125-8	93	125	235							235	220	189	172	160	132	100
417	10SP125-9	93	125	264							264	248	214	195	180	150	112

No	MODEL Three phase 380- 415V- 50Hz	MOTOR POWER		Q <sup>m³/h</sup> l/min	DELIVERY n ≈2850 1/min								
		KW	HP		0	100	120	160	180				
418	10SP160-01	13	17.5	0	1666	2000	2666	3000	33	25	23	20	18
419	10SP160-02	26	35	65					65	50	46	40	36
420	10SP160-03	37	50	99					99	75	69	60	52
421	10SP160-04	55	75	132					132	100	92	80	72
422	10SP160-05	63	85	160					160	135	119	100	90
423	10SP160-06	75	100	198					198	150	138	120	108
424	10SP160-07	93	125	231					231	175	161	140	136
425	10SP160-08	93	125	264					264	200	183	160	144
426	10SP160-09	110	150	297					297	225	205	180	162



MOTOR AND PUMP

Hermetically-Sealed motor  
Single-phase:220-240V/50Hz  
Three-phase:380-415V/50Hz  
NEMA dimension standards curve tolerance according to ISO 9001

OPERATING CONDITIONS

Maximum fluid temperature up to +35°C  
Maximum sand content: 0.25%  
Minimum well diameter: 6" (150mm)

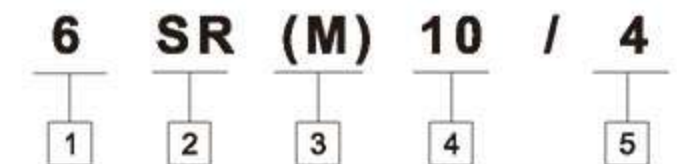
APPLICATIONS

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

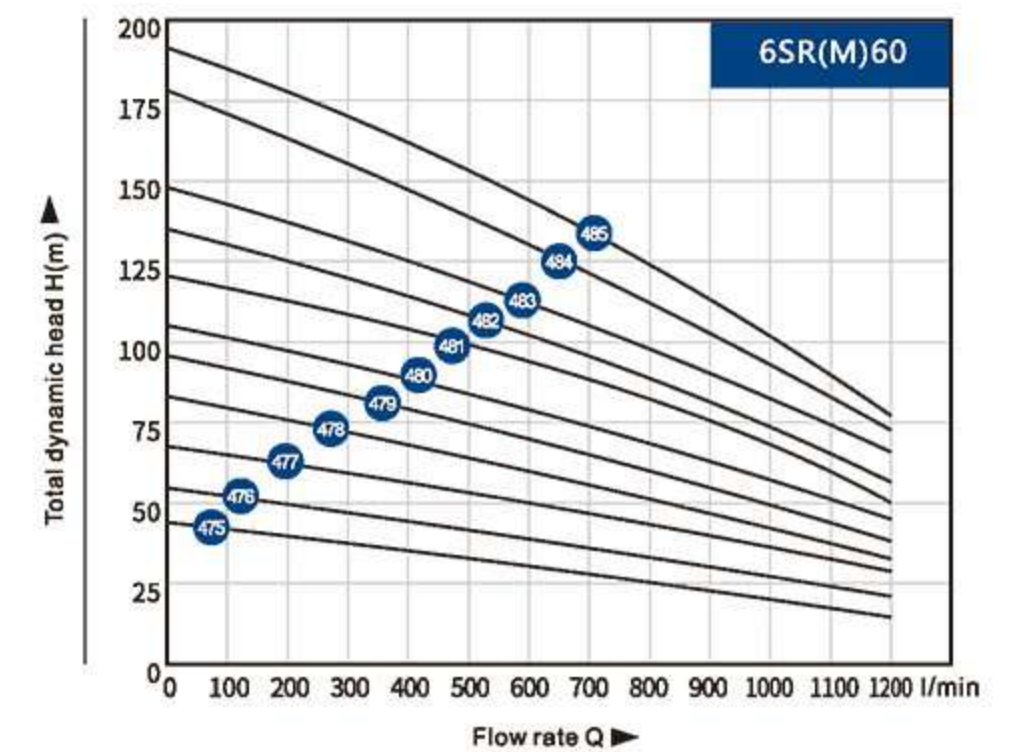
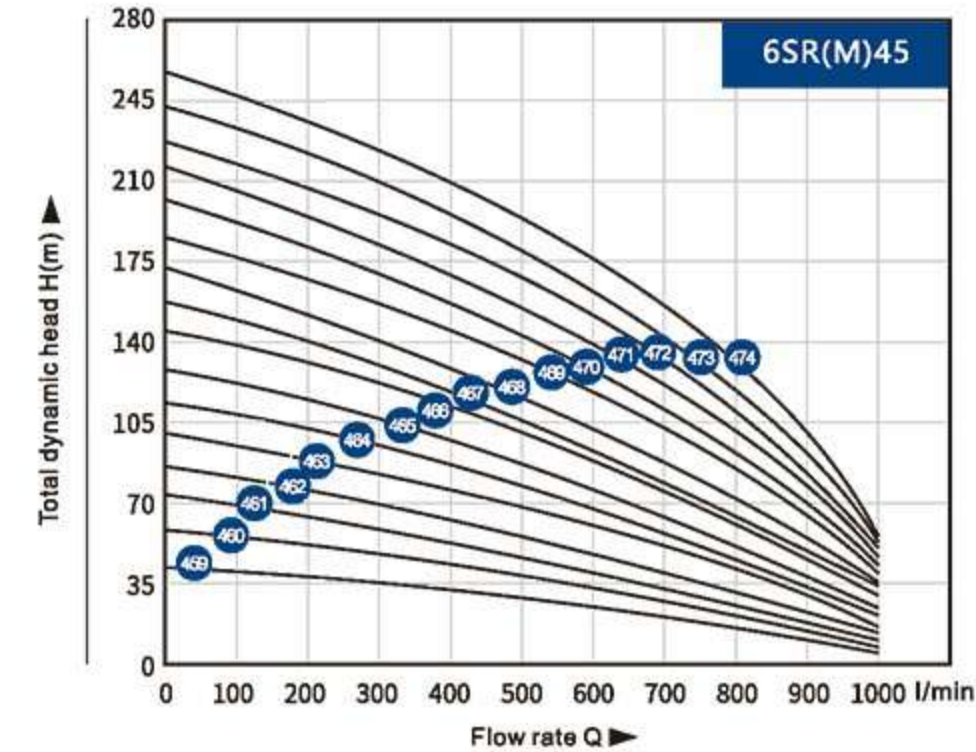
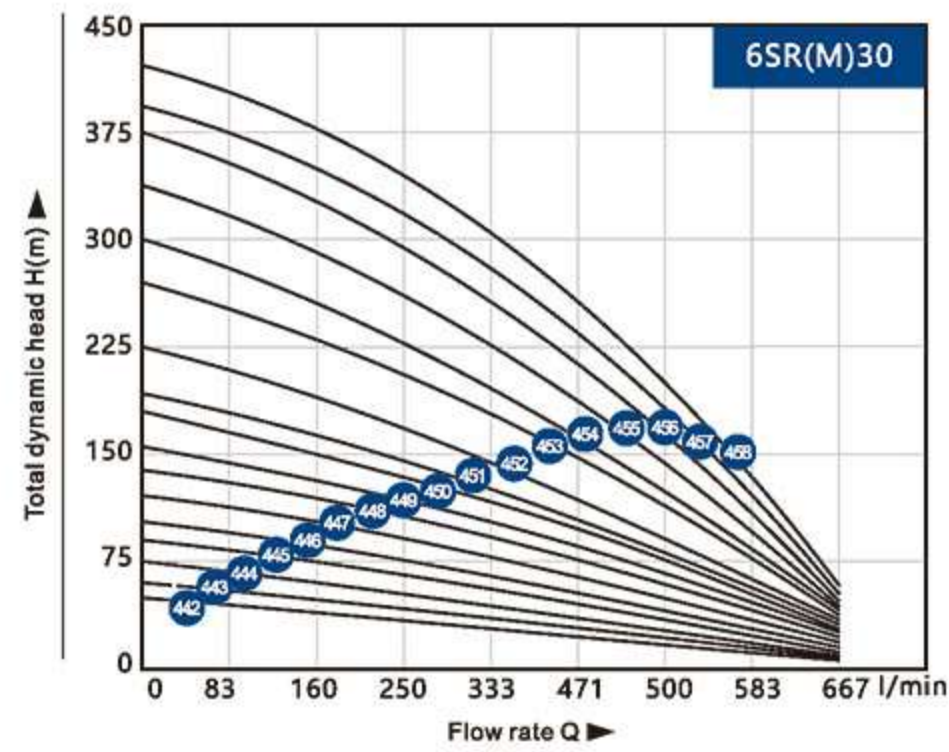
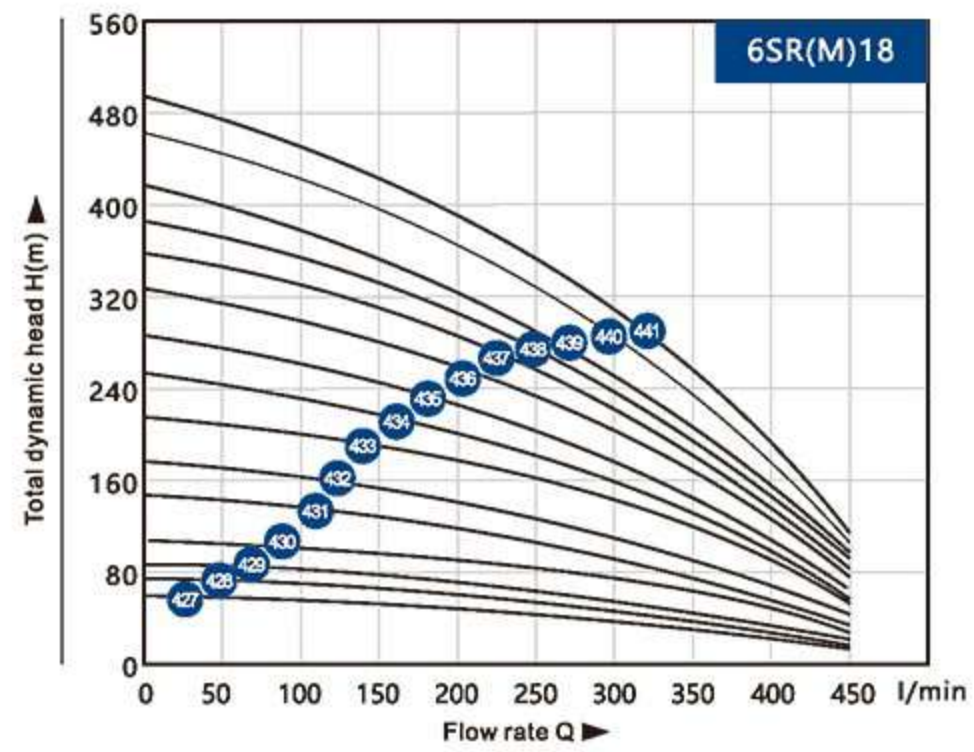
OPTIONS ON REQUEST

Special mechanical seal

MODEL DESCRIPTION



- 1. Well diameter
- 2. Model
- 3. Single phase (three phase with no M marked)
- 4. Capacity (m³/h)
- 5. Impeller's number



PERFORMANCE DATA 50Hz

MODEL		MOTOR POWER		DELIVERY n≈2850 1/min											
No	1~ 220-240V	3~ 380-415V	KW	HP	Q m³/h l/min	0	3	6	9	12	15	18	21	24	27
427	6SRM18/4	6SR18/4	3	4	H(m)	60	57	55	52	48	43	38	31	23	14
428	6SRM18/5	6SR18/5	3	4		75	72	68	64	60	54	48	39	29	17
429	6SRM18/6	6SR18/6	4	5.5		89	86	82	77	72	65	57	47	34	21
430	6SRM18/8	6SR18/8	5.5	7.5		119	114	109	103	96	86	76	63	46	28
431	-	6SR18/10	7.5	10		149	143	136	129	119	108	95	78	57	35
432	-	6SR18/12	9.2	12.5		179	172	164	155	143	129	114	94	69	42
433	-	6SR18/15	11	15		224	215	205	193	179	161	143	118	86	52
434	-	6SR18/17	13	17.5		253	243	232	219	203	183	162	133	97	59
435	-	6SR18/19	15	20		283	272	259	245	227	204	181	149	109	66
436	-	6SR18/22	18.5	25		328	315	300	283	263	237	209	173	126	77
437	-	6SR18/24	18.5	25		358	343	327	309	287	258	228	188	137	84
438	-	6SR18/26	22	30		388	372	355	335	310	280	247	204	149	91
439	-	6SR18/28	22	30		417	400	382	361	334	301	266	220	160	98
440	-	6SR18/31	26	35		462	443	423	399	370	333	295	243	178	108
441	-	6SR18/33	26	35		492	472	450	425	394	355	314	259	189	115

MODEL		MOTOR POWER		DELIVERY n≈2850 1/min										
No	1~ 220-240V	3~ 380-415V	KW	HP	Q m³/h l/min	0	5	10	15	20	25	30	35	40
442	6SRM30/3	6SR30/3	3	4	H(m)	45	42	39	36	32	28	22	15	6
443	6SRM30/4	6SR30/4	4	5.5		60	56	52	48	42	37	29	20	8
444	6SRM30/5	6SR30/5	5.5	7.5		75	70	65	60	53	46	36	25	10
445	6SRM30/6	6SR30/6	5.5	7.5		90	84	78	72	63	55	44	30	12
446	-	6SR30/7	7.5	10		105	98	91	84	74	64	51	35	14
447	-	6SR30/8	7.5	10		120	112	103	95	84	73	58	41	16
448	-	6SR30/9	9.2	12.5		135	126	116	107	95	83	65	46	18
449	-	6SR30/10	11	15		150	140	129	119	106	92	73	51	20
450	-	6SR30/11	11	15		165	154	142	131	116	101	80	56	22
451	-	6SR30/13	13	17.5		195	182	168	155	137	119	95	66	26
452	-	6SR30/15	15	20		225	210	194	179	158	138	109	76	30
453	-	6SR30/18	18.5	25		270	252	233	215	190	165	131	91	36
454	-	6SR30/20	22	30		300	280	259	239	211	183	146	101	40
455	-	6SR30/22	22	30		330	308	284	262	232	202	160	112	44
456	-	6SR30/25	26	35		375	350	323	298	264	229	182	127	50
457	-	6SR30/27	30	40	405	378	349	322	285	248	196	137	54	
458	-	6SR30/29	30	40	435	406	375	346	306	266	211	147	58	

PERFORMANCE DATA 50Hz

MODEL		MOTOR POWER		DELIVERY n≈2850 1/min												
No	1~ 220-240V	3~ 380-415V	KW	HP	Q m³/h l/min	0	6	12	18	24	30	36	42	48	54	60
459	6SRM45/3	6SR45/3	4	5.5	H(m)	43	41	40	38	35	32	29	26	22	16	11
460	6SRM45/4	6SR45/4	5.5	7.5		57	55	53	50	47	43	39	34	29	22	15
461	-	6SR45/5	7.5	10		71	69	66	63	58	54	48	43	36	27	18
462	-	6SR45/6	9.2	12.5		86	83	80	76	70	64	58	51	43	33	22
463	-	6SR45/7	11	15		100	97	93	88	82	75	68	60	50	38	26
464	-	6SR45/8	11	15		114	110	106	101	94	86	78	68	58	44	29
465	-	6SR45/9	13	17.5		129	124	120	113	105	97	87	77	65	49	33
466	-	6SR45/10	15	20		143	138	133	126	117	107	97	85	72	54	36
467	-	6SR45/11	18.5	25		157	152	146	139	129	118	107	94	79	60	40
468	-	6SR45/12	18.5	25		172	166	160	151	140	129	116	103	86	65	44
469	-	6SR45/13	22	30		186	179	173	164	152	140	126	111	94	71	47
470	-	6SR45/14	22	30		200	193	186	176	164	150	136	120	101	76	51
471	-	6SR45/15	26	35		215	207	200	189	176	161	145	128	108	82	55
472	-	6SR45/16	26	35		229	221	213	202	187	172	155	137	115	87	58
473	-	6SR45/17	30	40		243	235	226	214	199	183	165	145	122	93	62
474	-	6SR45/18	30	40		257	248	239	227	211	194	175	154	130	98	66

MODEL		MOTOR POWER		DELIVERY n≈2850 1/min														
No	1~ 220-240V	3~ 380-415V	KW	HP	Q m³/h l/min	0	6	12	18	24	30	36	42	48	54	60	66	72
475	6SRM60/3	6SR60/3	5.5	7.5	H(m)	41	40	39	37	35	33	31	28	26	24	22	19	17
476	-	6SR60/4	7.5	10		54	53	52	50	47	44	41	38	34	32	29	26	22
477	-	6SR60/5	11	15		68	67	65	62	59	55	51	47	43	40	36	32	28
478	-	6SR60/6	13	17.5		81	80	78	75	70	66	61	57	51	48	43	39	33
479	-	6SR60/7	15	20		95	93	91	87	82	76	71	66	60	55	50	45	39
480	-	6SR60/8	18.5	25		108	107	104	100	94	87	82	75	69	63	58	51	45
481	-	6SR60/9	18.5	25		122	120	117	112	105	98	92	85	77	71	65	58	50
482	-	6SR60/10	22	30		135	134	130	125	117	109	102	94	86	79	72	64	56
483	-	6SR60/11	26	35		149	147	143	138	129	120	112	104	94	87	79	71	61
484	-	6SR60/13	30	40		176	174	169	163	152	142	133	123	111	103	94	84	72
485	-	6SR60/14	30	40		189	187	182	175	164	153	143	132	120	111	101	90	78

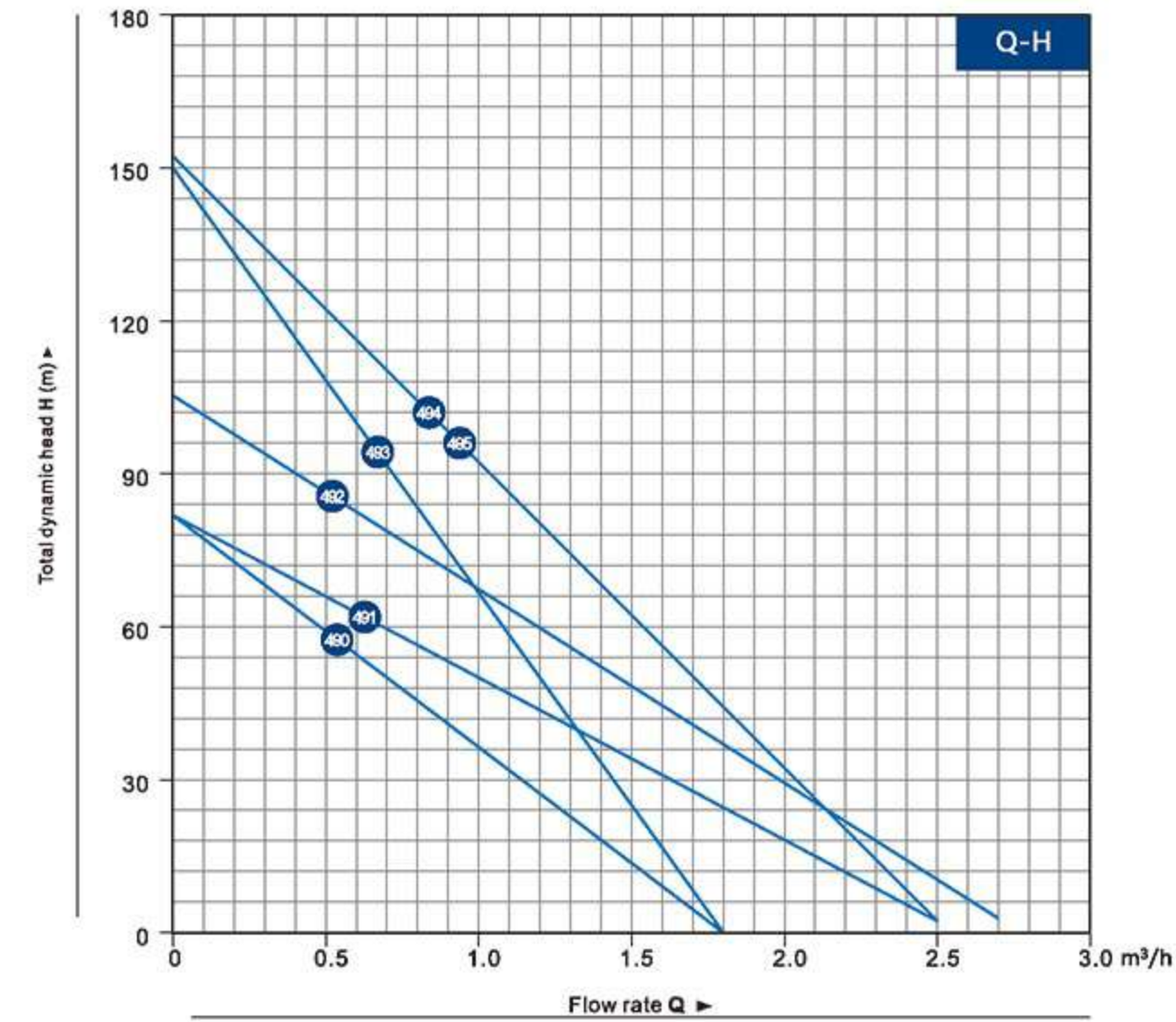
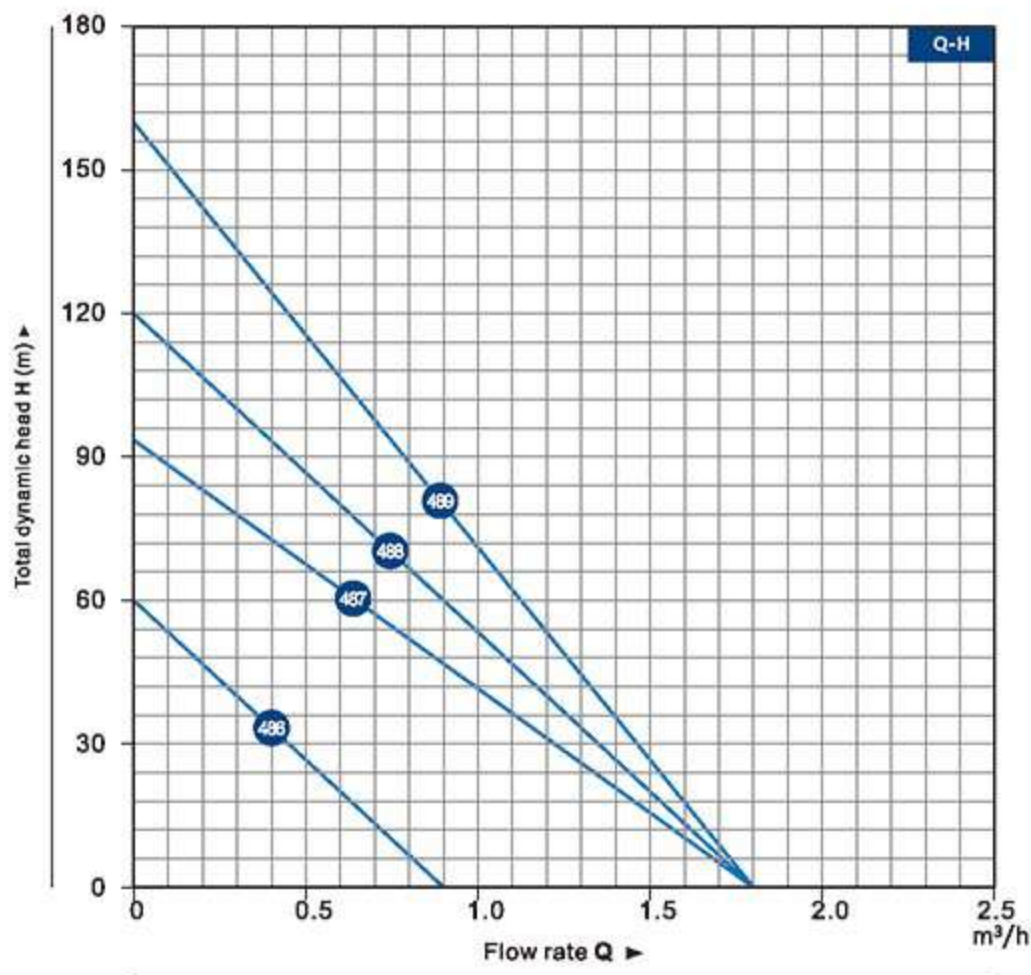
# QGD

## Pump

Capacity from 0.8 to 5 ( m<sup>3</sup>/h )  
Total head from 50 to 150 ( m )

## Motor

Adopted the NEMA standard  
Power:0.25 to 1.1 kw(Three phase)  
Insulation class:B  
Protection grade:IP 68  
Maximum diameter: Φ94.5-127mm  
Highest temperature of liquid:40°C



### PERFORMANCE DATA 50Hz

No	MODEL	MOTOR POWER		Capacity		Voltage	Max.Dia	Outlet	Length (mm)
		KW	HP	Q <sub>max</sub> m <sup>3</sup> /h	H <sub>max</sub> m				
486	2QGD200	0.2	0.27	0.9	70	220	53	½	644

No	MODEL	MOTOR POWER		Capacity		Voltage	Max.Dia	Outlet	Length (mm)
		KW	HP	Q <sub>max</sub> m <sup>3</sup> /h	H <sub>max</sub> m				
487	3QGD370-80	0.37	0.5	1.8	80	220/380	75	1	567
488	3QGD550-100	0.55	0.75	1.8	100				627
489	3QGD750-120	0.75	1	1.8	120				687

### PERFORMANCE DATA 50Hz

No	MODEL	MOTOR POWER		Capacity		Voltage	Max.Dia	Outlet	Length (mm)
		KW	HP	Q <sub>max</sub> m <sup>3</sup> /h	H <sub>max</sub> m				
490	QGD1.2-50-0.37	0.37	0.5	1.8	80	220/380	95	1	571
491	QGD1.8-50-0.50	0.5	0.67	2.5	80				586
492	QGD1.2-100-0.75	0.75	1	1.8	130				651
493	QGD2.5-60-0.75	0.75	1	2.6	80				628
494	QGD1.5-120-1.1	1.1	1.5	2.3	140				665
495	QGD1.8-100-1.1	1.1	1.5	2.3	140				665

