

50Hz



Deep-Well-Pump

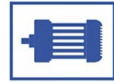
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4SK



All copper motor



Overheat protection



High lift and large flow

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%.
Maximum immersion: 50m.
Maximum well diameter: 4".

Motor and Pump

Rewindable motor
Three-phase: 380V-415V/50Hz
Single-phase: 220V-240V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
NEMA dimension standards
Curve tolerance according to ISO 9906

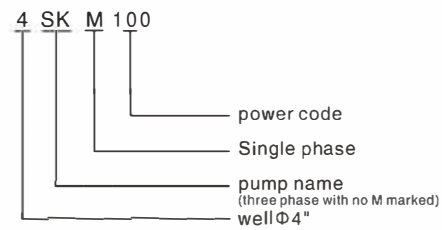
Options on request

Special mechanical seal
Other voltages or frequency 60Hz
Single phase motor with built-in capacitor

Warranty: 1 year

According to our general sales conditions

Model Description



4SK



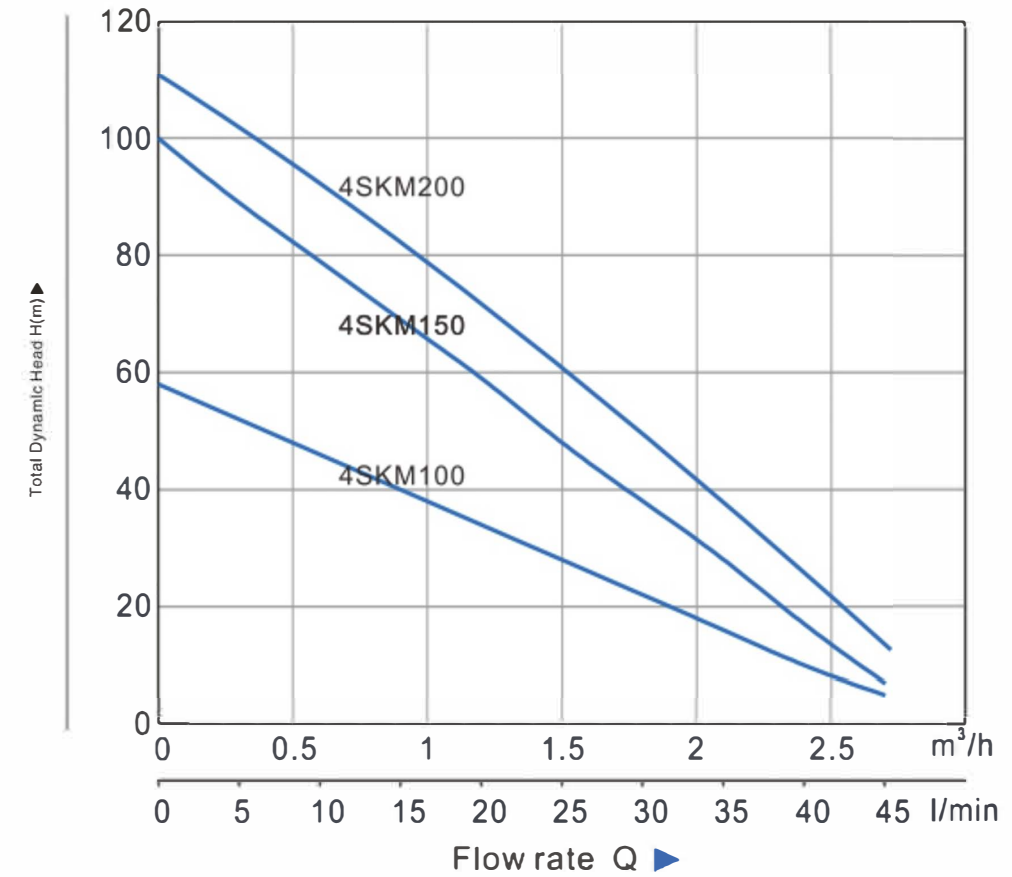
All copper motor



Overheat protection



High lift and large flow



Components	Material
Delivery casing	Cast-Cu ASTM C85500
Suction lantern	Cast-Cu ASTM C85500
Diffuser	Cast-Cu ASTM C85500
Impeller	Cast-Cu ASTM C85500
Strainer	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-iron ASTM NO.30 ② Cast-Cu ASTM C85500
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 304 SS -ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA

Model	Motor power		Q	DELIVERY											
	KW	HP		n≈2850r/min											
1~220V/240V			m³/h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7		
4SKM100	0.75	1	H(m)	0	5	10	15	20	25	30	35	40	45		
4SKM150	1.1	1.5		58	52	46	40	34	28	22	16	10	5		
4SKM200	1.5	2		100	89	79	69	59	48	38	28	17	7		
				110	99	88	78	67	56	45	34	23	12		

2SD



All copper motor



Overheat protection



High lift and large flow

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%.
Maximum immersion: 80m.
Maximum well diameter: 2".

Motor and Pump

Rewindable motor or Full obturated screen motor
Single-phase: 220V-240V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
Curve tolerance according to ISO 9906

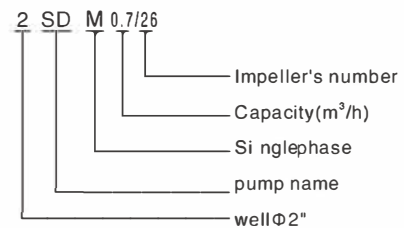
Options on request

Special mechanical seal
Other voltages or frequency 60Hz
Single phase motor with built-in capacitor

Warranty: 1 year

According to our general sales conditions

Model Description



2SD



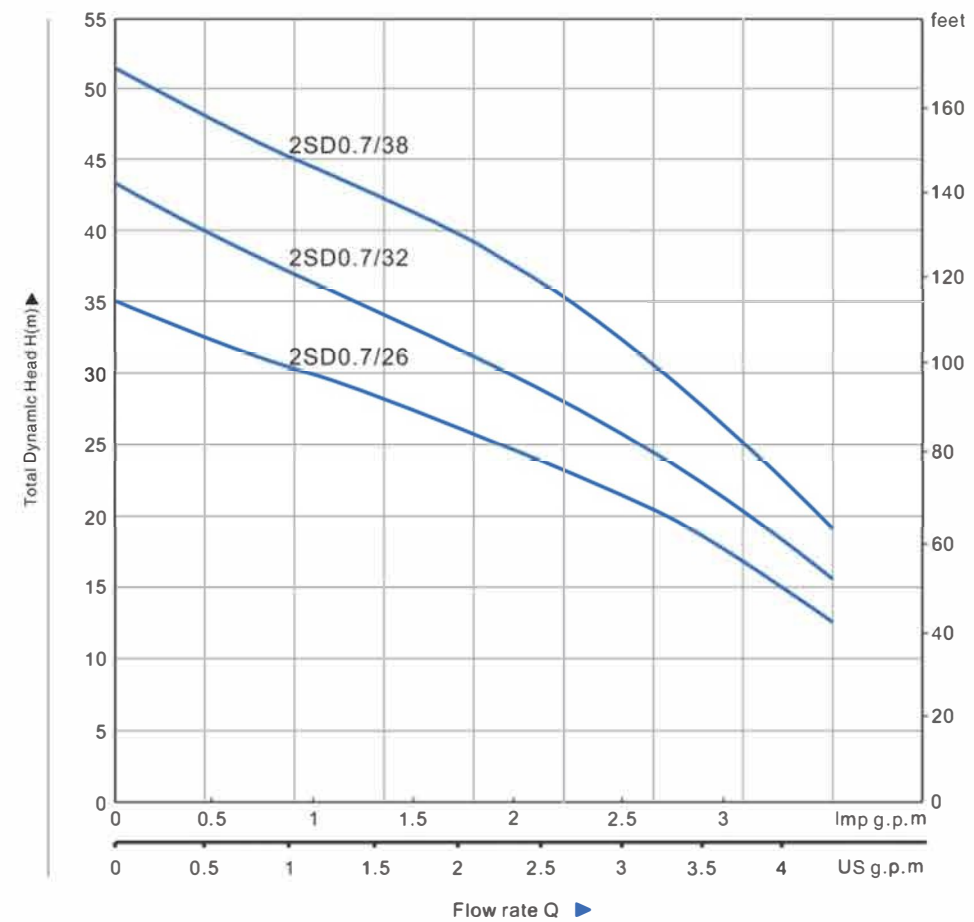
All copper motor



Overheat protection



High lift and large flow

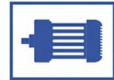


Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM C85500
Suction lantern	① Cast-Cu ASTM C85500
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500
Bottom support	② Cast-iron ASTM NO.30
Mechanical seal	AISI 304 SS
Shaft	Special seal for deep well(Graphite-ceramic/TC)
Bearing	AISI 304 SS -ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA

MODEL	DN	POWER		DELIVERY										
		KW	HP	n ≈ 2850r/min										
1~ 220V/240V				Q	0	0.12	0.24	0.36	0.48	0.60	0.72	0.84	0.96	
				m ³ /h l/min	0	2	4	6	8	10	12	14	16	
2SDM0.7/26	½" / ¾"	0.18	0.25	H(m)	35	32	30	28	26	23	20	16	12	
2SDM0.7/32	½" / ¾"	0.25	0.33		43	40	37	35	32	29	24	20	15	
2SDM0.7/38	½" / ¾"	0.37	0.5		51	47	44	41	38	34	29	24	18	

2.5SD



All copper motor



Overheat protection



High lift and large flow

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%.
Maximum immersion: 80m.
Maximum well diameter: 2.5".

Motor and Pump

Rewindable motor or Full obturated screen motor
Single-phase: 220V-240V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
Curve tolerance according to ISO 9906

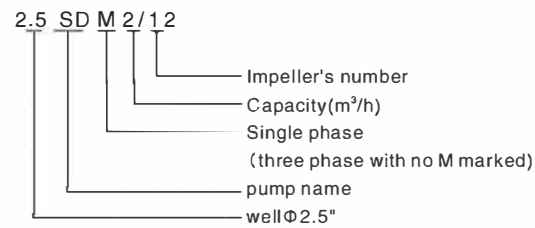
Options on request

Special mechanical seal
Other voltages or frequency 60Hz
Single phase motor with built-in capacitor

Warranty: 1 year

According to our general sales conditions

Model Description



2.5SD



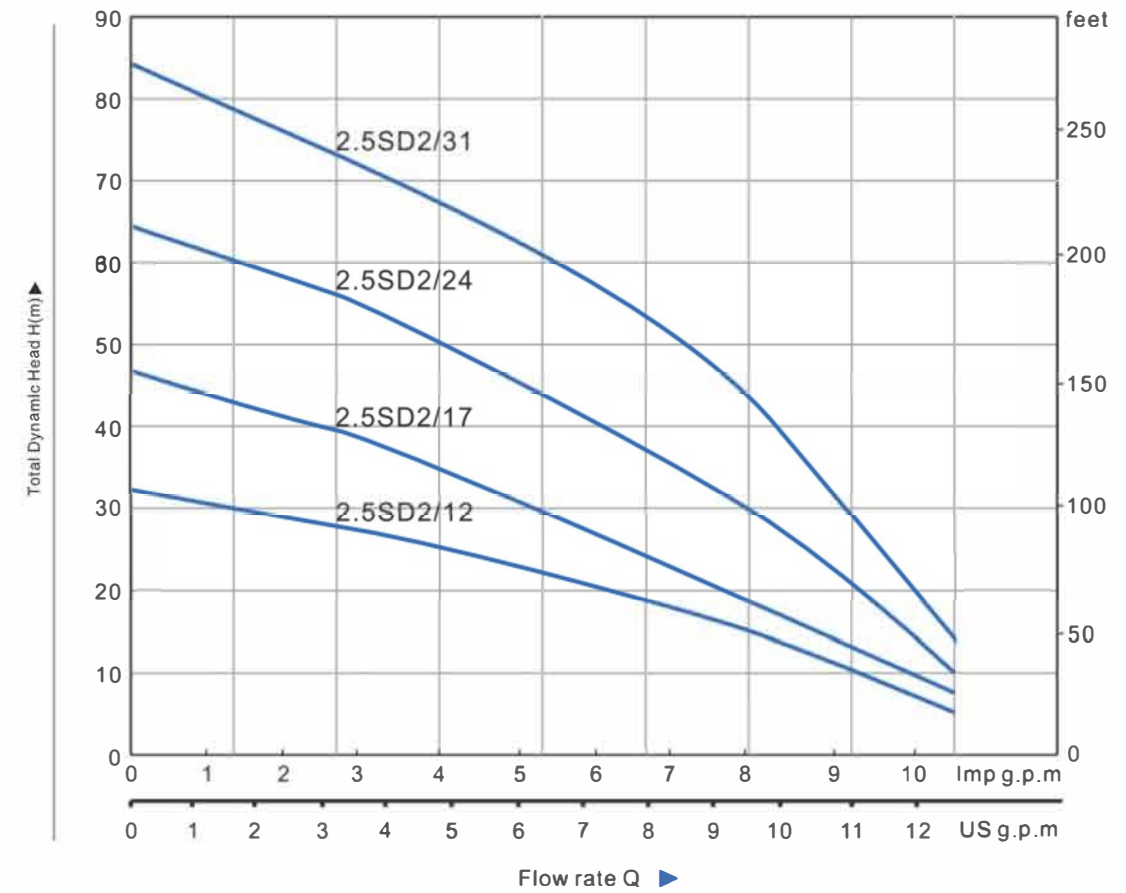
All copper motor



Overheat protection



High lift and large flow



Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-CuASTM C85500
Suction lantern	Cast-CuASTM C85500
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shalt	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-CuASTM C85500
Bottom support	② Cast-iron ASTM NO.30
Mechanical seal	AISI 304 SS
Shaft	Special seal for deep well(Graphite-ceramic/TC)
Seal lubricant oil	AISI 304 SS -ASTM 5140
	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA

MODEL	DN	POWER		DELIVERY	n ≈ 2850r/min								
		KW	HP		Q	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1
2.5SDM2/12	1"	0.18	0.25	H(m)	0	5	10	15	20	25	30	35	40
2.5SDM2/17	1"	0.25	0.33		33	30	28	26	23	20	17	11	5
2.5SDM2/24	1"	0.37	0.5		46	42	39	37	33	29	24	16	7
2.5SDM2/31	1"	0.55	0.75		65	60	56	52	46	40	33	22	10
					84	77	72	67	60	52	43	29	13

3SD1



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%.
Maximum immersion: 80m.
Maximum well diameter: 3".

Motor and Pump

Rewindable motor or Full obturated screen motor
Three-phase: 380V-415V/50Hz
Single-phase: 220V-240V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
Curve tolerance according to ISO 9906

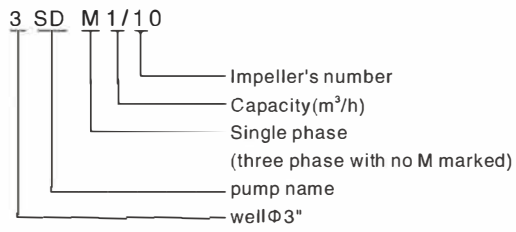
Options on request

Special mechanical seal
Other voltages or frequency 60Hz
Single phase motor with built-in capacitor

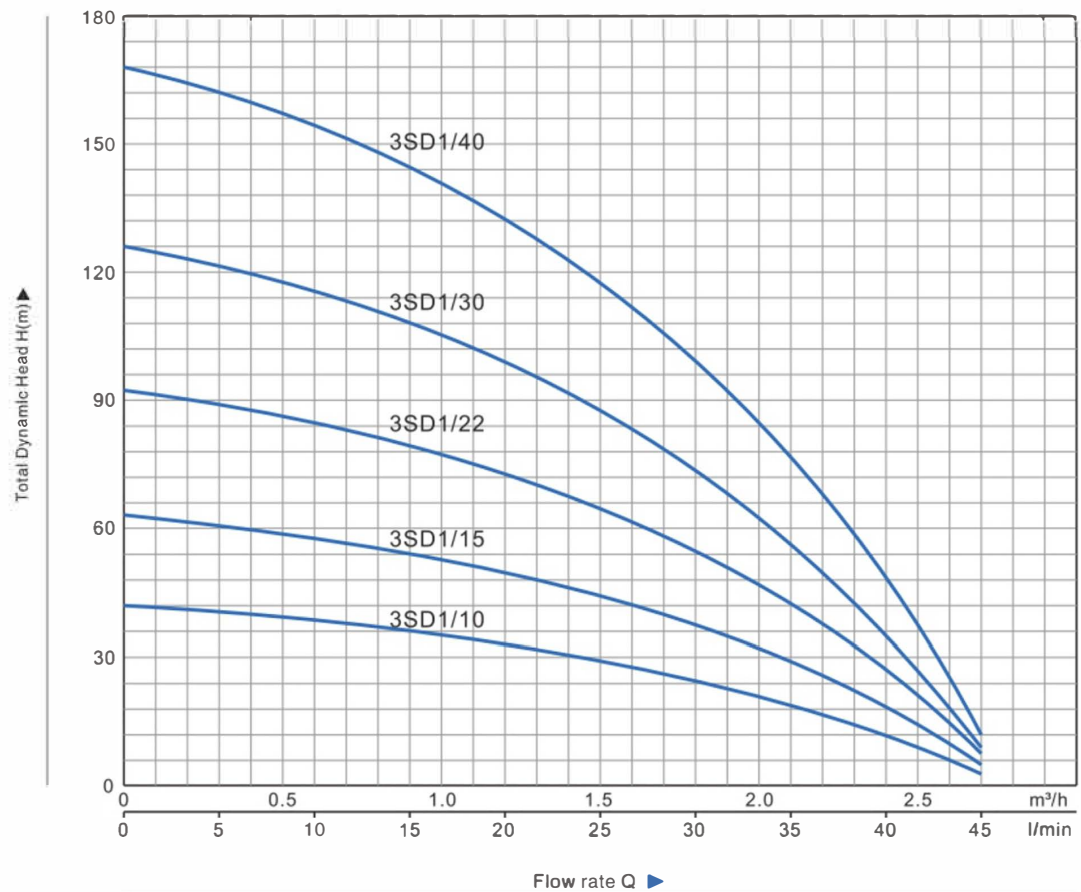
Warranty: 1 year

According to our general sales conditions

Model Description



3SD1



Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-CuAS TM C85500 ②AISI 304 SS ③Cast-iron ASTM NO.30
Suction lantern	①Cast-CuAS TM C85500 ②AISI 304 SS ③Cast-iron ASTM NO.30
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shalt	①AISI316 SS ②AISI 304 SS
Shaft coupling	①AISI316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-CuAS TM C85500 ② Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 304 SS -ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA

MODEL	DN	POWER		DELIVERY	n≈2850r/min										
		KW	HP		Q	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
1~220V/240V				H(m)	0	5	10	15	20	25	30	35	40	45	
3SDM1/10	1" 1/4"	0.25	0.33	H(m)	42	41	39	36	33	29	24	18	12	3	
3SDM1/15	1" 1/4"	0.37	0.5		63	62	59	54	50	44	36	27	18	5	
3SDM1/22	1" 1/4"	0.55	0.75		92	90	86	79	73	64	53	40	26	7	
3SDM1/30	1" 1/4"	0.75	1.0		126	123	117	108	99	87	72	54	36	9	
3SDM1/40	1" 1/4"	1.1	1.5		168	164	156	144	132	116	96	72	48	12	

3SD2

- All copper motor
- Overheat protection
- High lift and large flow

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%.
Maximum immersion: 80m.
Maximum well diameter: 3".

Motor and Pump

Rewindable motor or Full obturated screen motor
Three-phase: 380V-415V/50Hz
Single-phase: 220V-240V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
Curve tolerance according to ISO 9906

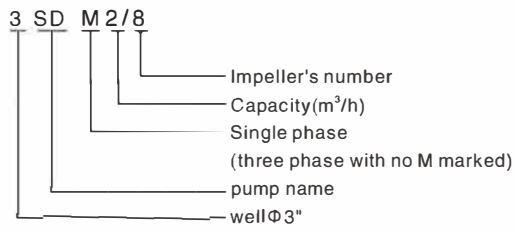
Options on request

Special mechanical seal
Other voltages or frequency 60Hz
Single phase motor with built-in capacitor

Warranty: 1 year

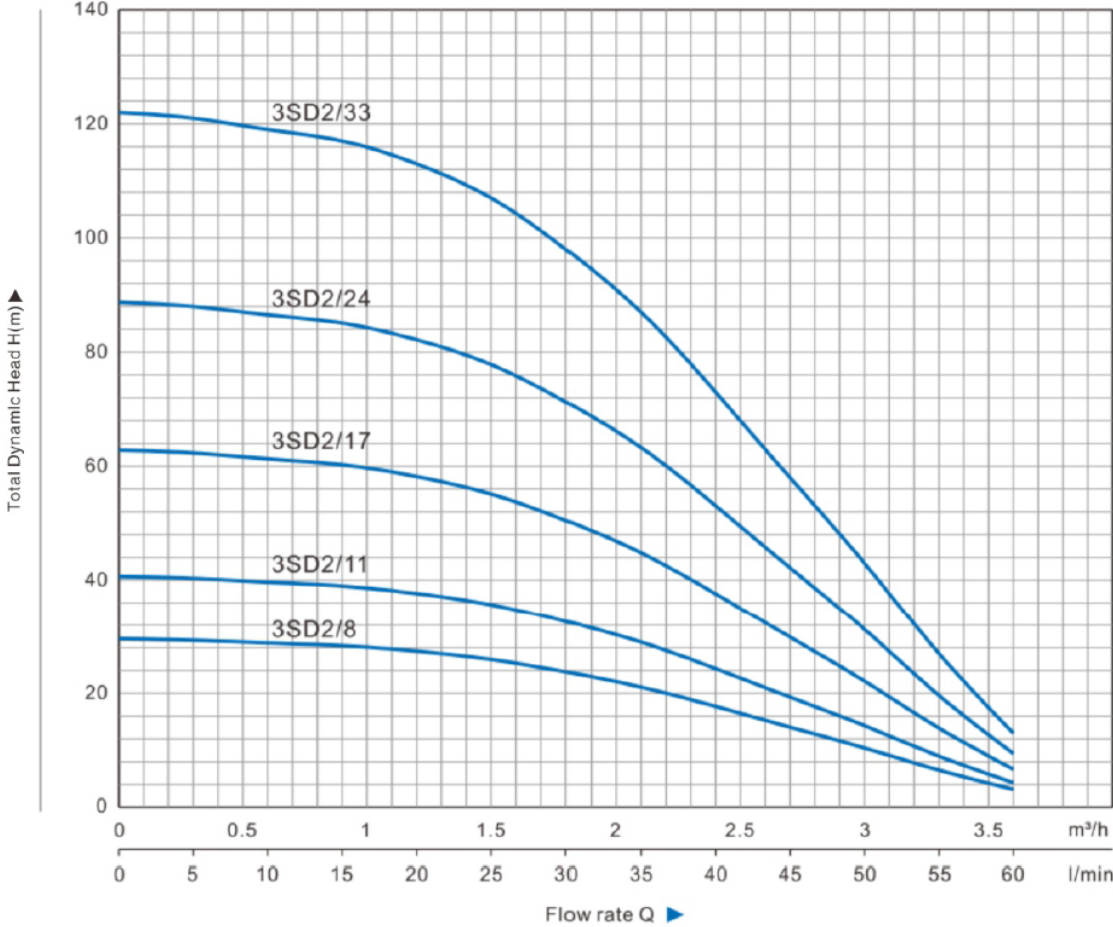
According to our general sales conditions

Model Description



3SD2

- All copper motor
- Overheat protection
- High lift and large flow

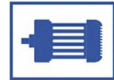


Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-CuAS TM C85500 ②AISI 304 SS ③Cast-iron ASTM NO.30
Suction lantern	①Cast-CuAS TM C85500 ②AISI 304 SS ③Cast-iron ASTM NO.30
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shalt	①AISI316 SS ②AISI 304 SS
Shaft coupling	①AISI316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-CuAS TM C85500 ② Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 304 SS -ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA

MODEL	DN	POWER		Q	DELIVERY															
		KW	HP		n ≈ 2850r/min															
1-220V/240V				m ³ /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	3.6			
3SDM2/8	1" 1/4"	0.25	0.33	H(m)	30	29	29	28	27	26	24	21	18	14	10	7	3			
3SDM2/11	1" 1/4"	0.37	0.5		41	40	40	39	37	36	33	29	25	19	14	10	4			
3SDM2/17	1" 1/4"	0.55	0.75		64	62	62	60	57	55	51	45	38	30	21	15	6			
3SDM2/24	1" 1/4"	0.75	1.0		90	87	87	84	81	78	72	63	54	42	30	21	9			
3SDM2/33	1" 1/4"	1.1	1.5		124	120	120	116	111	107	99	87	71	58	40	29	12			

4SD2



All copper motor



Overheat protection



High lift and large flow

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%.
Maximum immersion: 90m.
Maximum well diameter: 4".

Motor and Pump

Rewindable motor
Single-phase: 220V-240V/50Hz
Three-phase: 380V-415V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
NEMA dimension standards
Curve tolerance according to ISO 9906

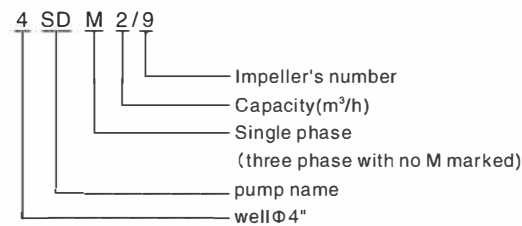
Options on request

Special mechanical seal
Other voltages or frequency 60Hz
Single phase motor with built-in capacitor

Warranty: 1 year

According to our general sales con

Model Description



4SD2



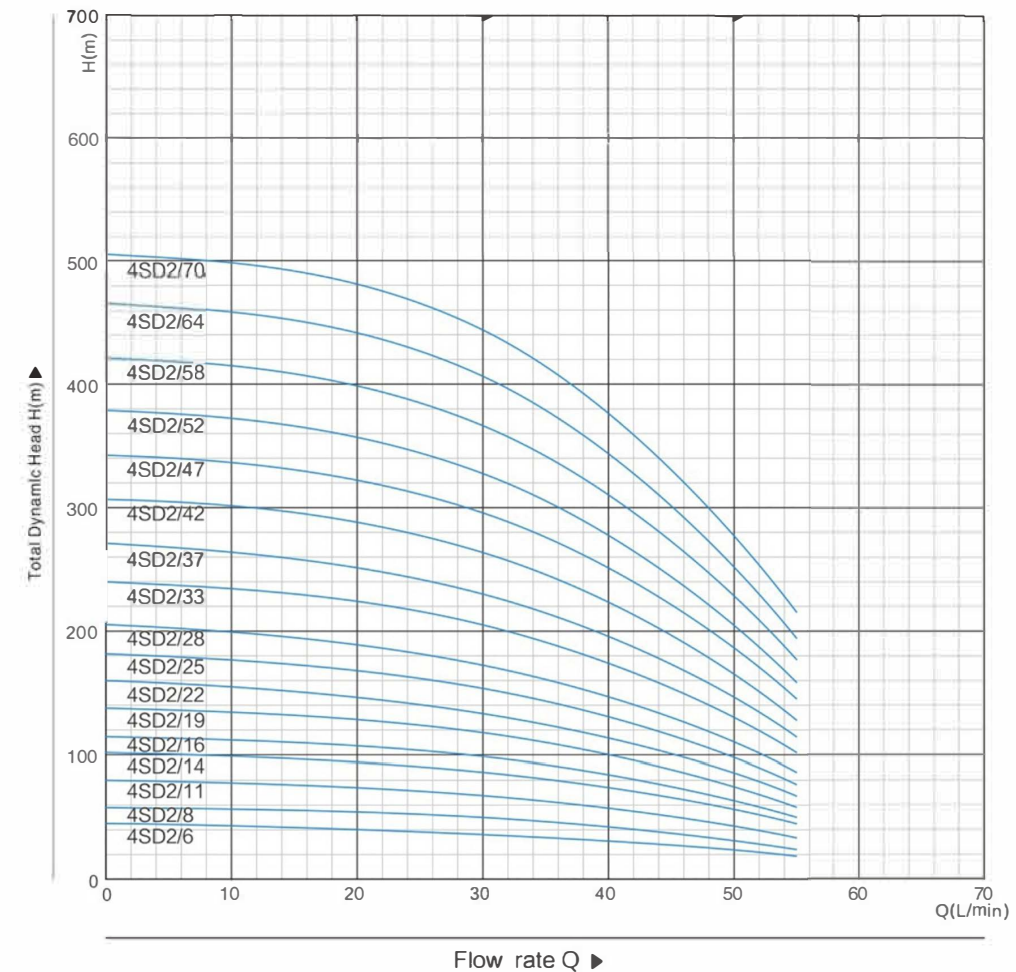
All copper motor



Overheat protection



High lift and large flow

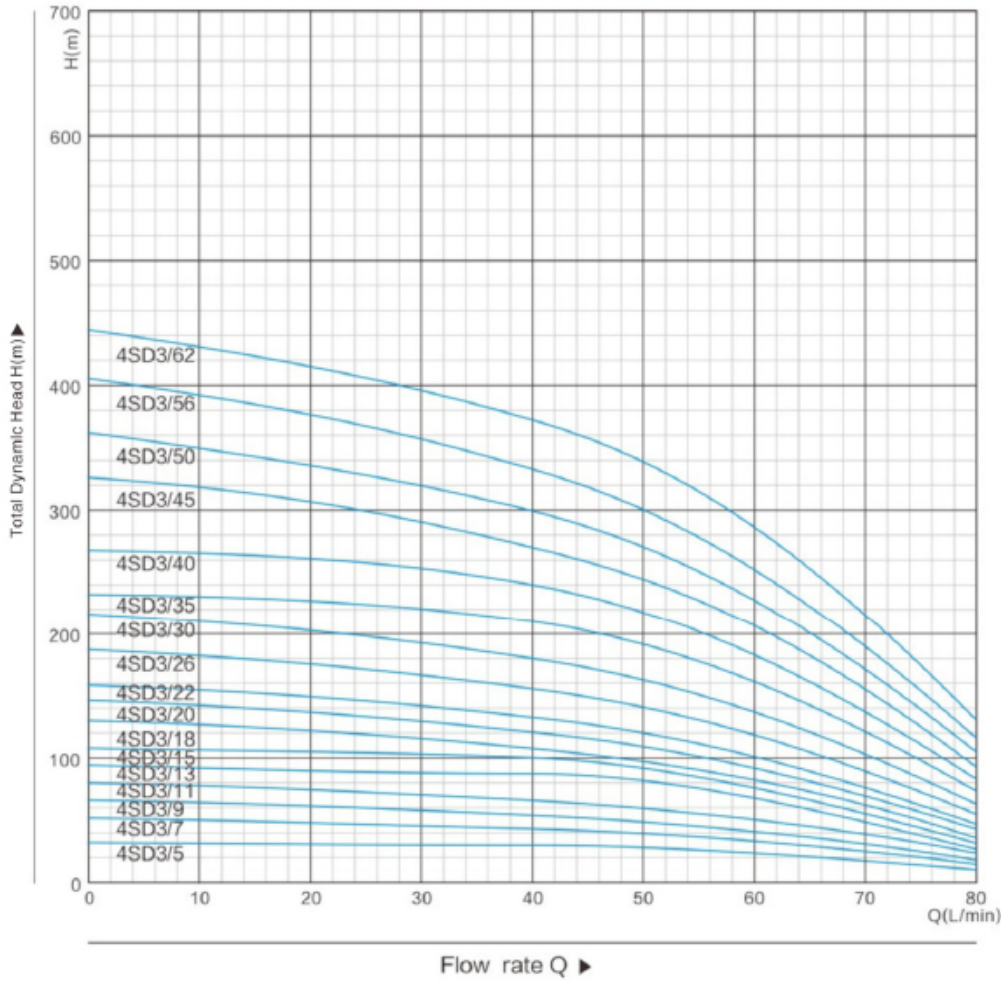


Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-CuAS TM C85500②AISI 304 SS ③Cast-iron ASTM NO.30
Suction lantern	①Cast-CuAS TM C85500②AISI 304 SS ③Cast-iron ASTM NO.30
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shalt	①AISI316 SS ②AISI 304 SS
Shaft coupling	①AISI316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-CuAS TM C85500② Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 304 SS -ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

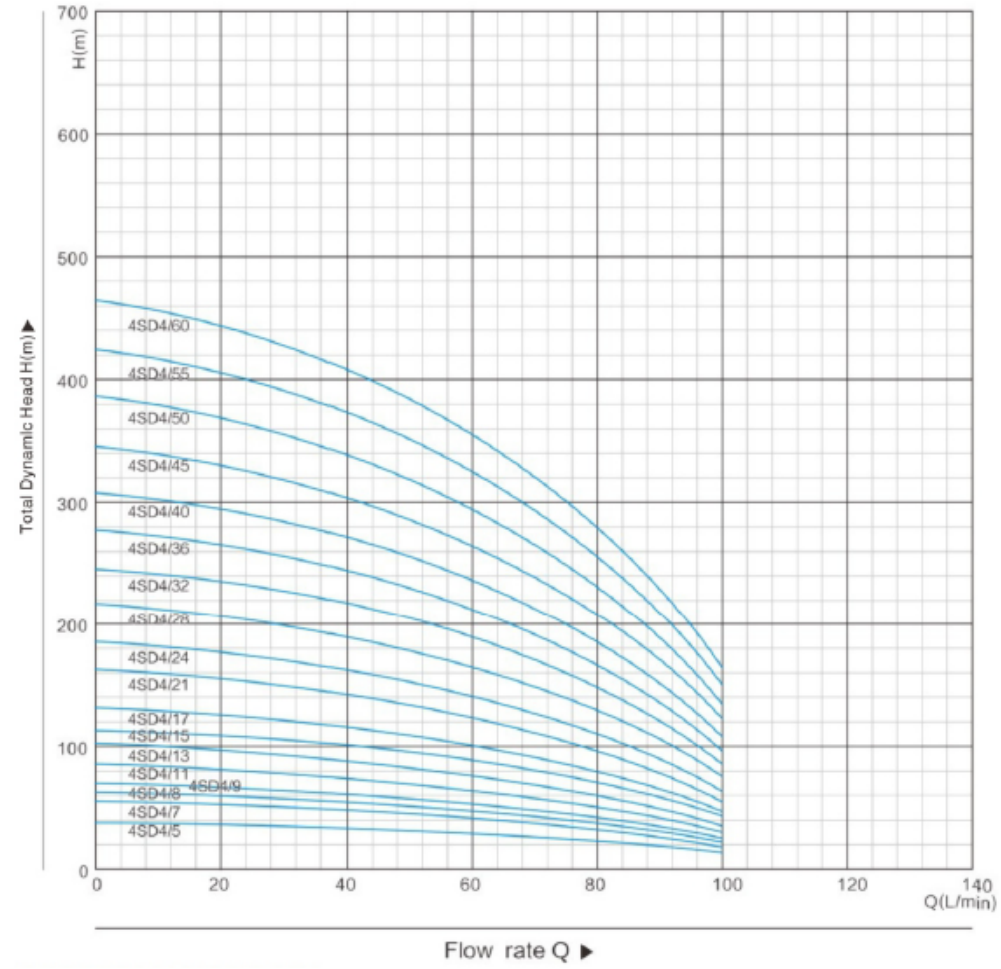
PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY n≈2850r/min															
1~220V/240V	3~380V/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			
					0	5	10	15	20	25	30	35	40	45	50	55			
4SDM2/6	4SD2/6	0.25	0.33	H(m)/ outlet(inch) 1.25"/1.5"	44	43	43	42	41	39	37	34	31	27	23	19			
4SDM2/8	4SD2/8	0.37	0.5		58	58	57	56	54	52	50	46	42	36	30	25			
4SDM2/11	4SD2/11	0.55	0.75		80	79	78	77	75	72	68	63	57	50	42	34			
4SDM2/14	4SD2/14	0.75	1		102	101	100	98	95	92	87	80	73	64	53	43			
4SDM2/16	4SD2/16	0.75	1		116	115	114	112	109	105	99	92	83	73	61	50			
4SDM2/19	4SD2/19	1.1	1.5		138	137	135	133	129	124	118	109	99	86	72	59			
4SDM2/22	4SD2/22	1.1	1.5		160	159	157	154	150	144	136	126	114	100	84	68			
4SDM2/25	4SD2/25	1.5	2		182	180	178	175	170	164	155	144	130	114	95	77			
4SDM2/28	4SD2/28	1.5	2		204	202	200	196	191	183	173	161	145	127	107	87			
4SDM2/33	4SD2/33	2.2	3		240	238	235	231	225	216	204	189	171	150	126	102			
4SDM2/37	4SD2/37	2.2	3		271	266	263	259	251	242	230	213	193	168	140	114			
4SDM2/42	4SD2/42	3	4		306	301	298	294	284	273	263	243	221	191	158	129			
/	4SD2/47	3	4		341	336	333	329	317	306	296	273	249	214	176	144			
/	4SD2/52	4	5.5		378	371	368	364	349	338	328	303	277	242	194	159			
/	4SD2/58	4	5.5		421	413	410	406	388	377	367	339	310	275	214.5	177			
/	4SD2/64	5.5	7.5		465	455	452	448	427	416	406	375	343	308	235	195			
/	4SD2/70	5.5	7.5		507	497	494	490	466	455	445	411	376	341	257	213			

4SD3



4SD4



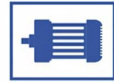
PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY n ≈ 2850r/min									
1- 220V/240V	3- 380V/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
					0	10	20	30	40	50	60	70	80
4SDM3/5	4SD3/5	0.25	0.33	H(m)/ outlet(inch) 1.25"/1.5"	36	35	34	32	30	27	22	17	11
4SDM3/7	4SD3/7	0.37	0.5		51	49	47	45	42	37	31	23	15
4SDM3/9	4SD3/9	0.55	0.75		65	63	61	58	54	48	40	30	19
4SDM3/11	4SD3/11	0.75	1		80	77	74	71	66	59	49	37	23
4SDM3/13	4SD3/13	0.75	1		94	91	88	84	78	69	58	43	27
4SDM3/15	4SD3/15	1.1	1.5		108	105	102	97	90	80	67	50	32
4SDM3/18	4SD3/18	1.1	1.5		130	126	122	116	108	96	80	60	38
4SDM3/20	4SD3/20	1.5	2		145	140	135	129	120	107	89	67	42
4SDM3/22	4SD3/22	1.5	2		159	154	149	142	132	117	98	73	47
4SDM3/26	4SD3/26	2.2	3		188	182	176	168	156	139	116	87	55
4SDM3/30	4SD3/30	2.2	3		217	210	203	193	180	160	133	100	63
4SDM3/35	4SD3/35	3	3.5		253	245	237	225	210	186	155	116	74
/	4SD3/40	3	4		289	280	271	258	240	213	178	133	85
/	4SD3/45	4	5		325	315	305	290	270	240	200	150	95
/	4SD3/50	4	5.5		361	350	339	322	300	266	222	166	106
/	4SD3/56	5.5	7		405	392	379	361	336	298	249	186	118
/	4SD3/62	5.5	7.5	448	434	420	400	372	331	276	207	131	

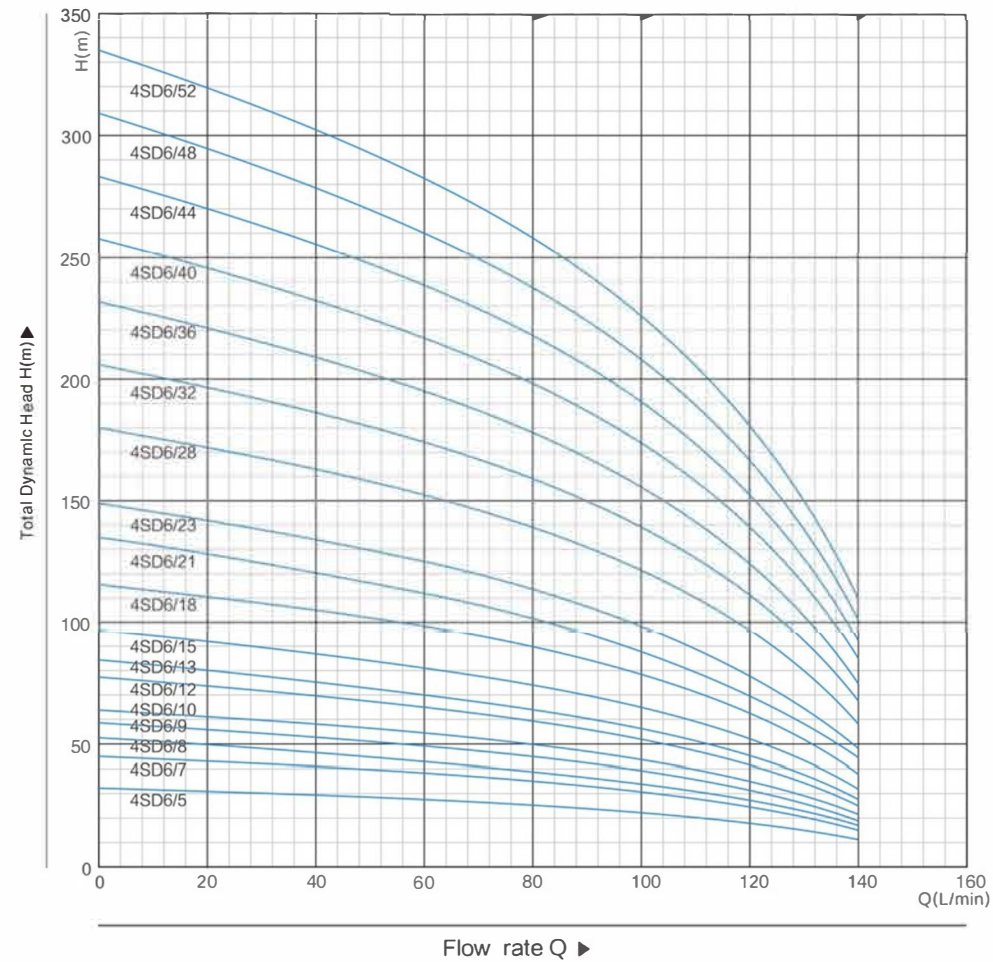
PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY n ≈ 2850r/min											
1- 220V/240V	3- 380V/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
					0	10	20	30	40	50	60	70	80	90	100
4SDM4/5	4SD4/5	0.37	0.5	H(m)/ outlet(inch) 1.25"/1.5"	39	37	36	35	34	32	29	26	23	18	14
4SDM4/7	4SD4/7	0.55	0.75		54	52	51	49	48	45	41	37	32	26	19
4SDM4/8	4SD4/8	0.75	1		62	59	58	56	54	51	47	42	36	29	22
4SDM4/9	4SD4/9	0.75	1		70	67	65	63	61	57	53	48	41	33	25
4SDM4/11	4SD4/11	1.1	1.5		85	82	80	77	75	70	65	58	50	40	30
4SDM4/13	4SD4/13	1.1	1.5		101	97	94	91	88	83	76	69	59	48	36
4SDM4/15	4SD4/15	1.5	2		116	111	108	105	102	96	88	79	68	55	41
4SDM4/17	4SD4/17	1.5	2		131	126	123	120	116	109	100	90	77	62	46
4SDM4/21	4SD4/21	2.2	3		162	156	152	148	143	134	124	111	95	77	57
4SDM4/24	4SD4/24	2.2	3		186	178	174	169	163	153	141	127	109	88	66
4SDM4/28	4SD4/28	3	4		217	208	203	197	190	179	165	148	127	103	77
/	4SD4/32	3	4		247	238	231	225	218	204	188	170	145	117	87
/	4SD4/40	4	5.5		278	268	260	253	245	230	212	191	163	132	98
/	4SD4/45	5.5	7.5		309	297	289	281	272	255	235	212	181	147	109
/	4SD4/50	5.5	7.5		348	335	326	317	306	287	265	239	204	165	123
/	4SD4/55	7.5	10		387	372	362	352	340	319	294	265	227	183	137
/	4SD4/60	7.5	10	425	409	398	387	374	351	324	291	249	202	150	
/	4SD4/60	7.5	10	464	446	434	422	408	383	353	318	272	220	164	

4SD6



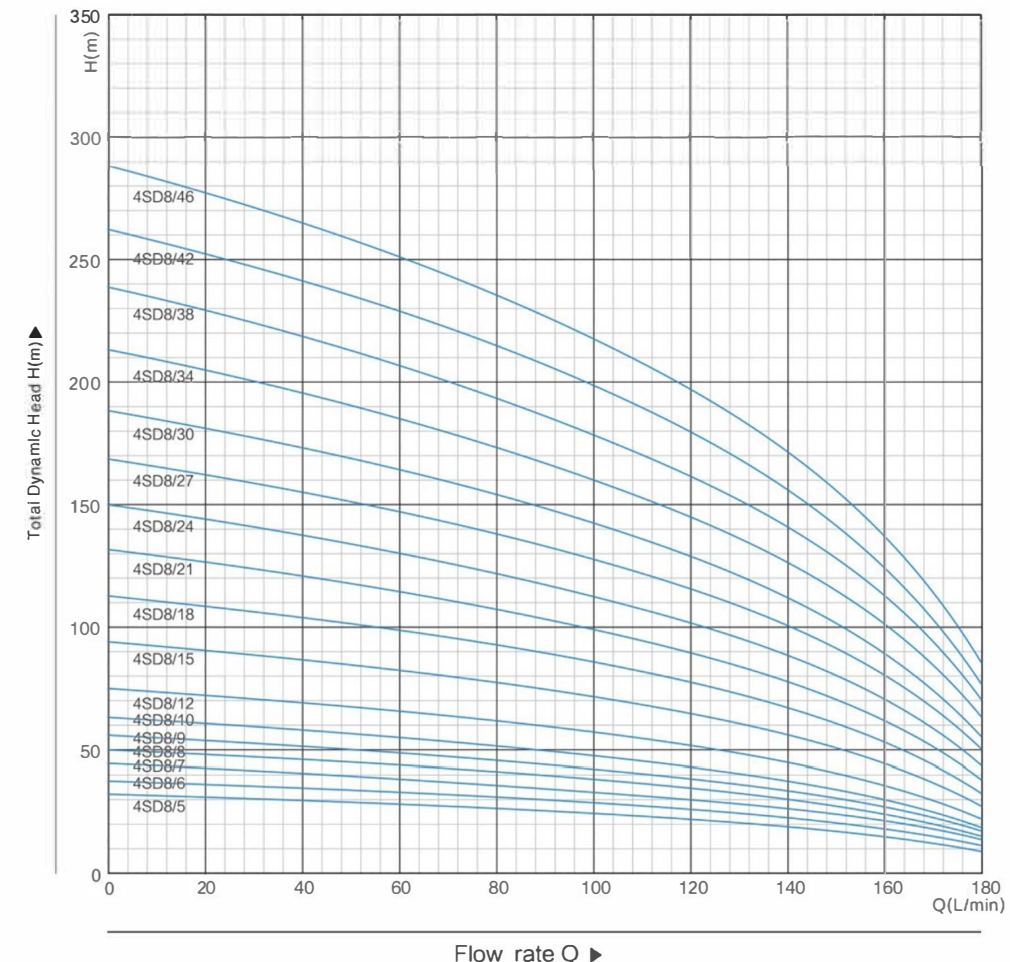
All copper motor Overheat protection High lift and large flow



4SD8



All copper motor Overheat protection High lift and large flow



PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY n≈2850r/min								
1~220V/240V	3~380V/415V	KW	HP	Q m³/h l/min	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4
					0	20	40	60	80	100	120	140
4SDM6/5	4SD6/5	0.37	0.5	H(m)/ outlet(inch) 1.5"/2"	32	31	29	27	25	21	16	11
4SDM6/7	4SD6/7	0.55	0.75		45	44	41	38	35	30	23	15
4SDM6/8	4SD6/8	0.75	1		52	50	47	43	40	34	26	17
4SDM6/9	4SD6/9	0.75	1		58	57	53	49	45	38	30	19
4SDM6/10	4SD6/10	1.1	1.5		64	63	58	54	50	42	33	21
4SDM6/12	4SD6/12	1.1	1.5		77	75	70	65	60	51	39	25
4SDM6/13	4SD6/13	1.5	2		84	82	76	70	65	55	43	27
4SDM6/15	4SD6/15	1.5	2		97	94	88	81	75	64	49	32
4SDM6/18	4SD6/18	2.2	3		116	113	105	98	90	76	59	38
4SDM6/21	4SD6/21	2.2	3		135	132	123	114	105	89	69	44
4SDM6/23	4SD6/23	3	4		149	145	134	125	115	97	75	49
/	4SD6/28	3	4		180	176	164	152	139	119	92	59
/	4SD6/32	4	5.5		206	201	187	174	159	136	105	68
/	4SD6/36	4	5.5		232	226	210	195	179	153	118	76
/	4SD6/40	5.5	7.5		258	252	234	217	199	170	132	85
/	4SD6/44	5.5	7.5		283	277	257	239	219	187	145	93
/	4SD6/48	7.5	10	309	302	281	260	239	204	158	102	
/	4SD6/52	7.5	10	335	327	304	282	259	221	171	110	

PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY n≈2850r/min										
1~220V/240V	3~380V/415V	KW	HP	Q m³/h l/min	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8
					0	20	40	60	80	100	120	140	160	180
4SDM8/5	4SD8/5	0.55	0.75	H(m)/ outlet(inch) 2"	31	31	28	26	25	24	21	18	14	9
4SDM8/6	4SD8/6	0.75	1		38	37	34	32	30	28	26	22	17	11
4SDM8/7	4SD8/7	0.75	1		44	43	40	37	35	33	30	26	20	13
4SDM8/8	4SD8/8	1.1	1.5		50	49	46	42	40	38	34	29	23	15
4SDM8/9	4SD8/9	1.1	1.5		56	55	51	48	45	42	39	33	26	17
4SDM8/10	4SD8/10	1.5	2		63	61	57	53	50	47	43	37	28	18
4SDM8/12	4SD8/12	1.5	2		75	73	68	63	60	57	51	44	34	22
4SDM8/15	4SD8/15	2.2	3		94	92	85	79	75	71	64	55	43	28
4SDM8/18	4SD8/18	2.2	3		113	110	103	95	90	85	77	66	51	33
4SDM8/21	4SD8/21	3	4		131	128	120	111	105	99	90	77	60	39
/	4SD8/24	3	4		150	147	137	127	120	113	103	88	68	44
/	4SD8/27	4	5.5		169	165	154	143	135	127	116	99	77	50
/	4SD8/30	4	5.5		188	183	171	158	150	142	128	110	85	55
/	4SD8/34	5.5	7.5		213	208	194	180	170	160	146	124	97	63
/	4SD8/38	5.5	7.5		238	232	216	201	190	179	163	139	108	70
/	4SD8/42	7.5	10		263	257	239	222	210	198	180	153	120	78
/	4SD8/46	7.5	10	288	281	262	243	230	217	197	168	131	85	

4SD10



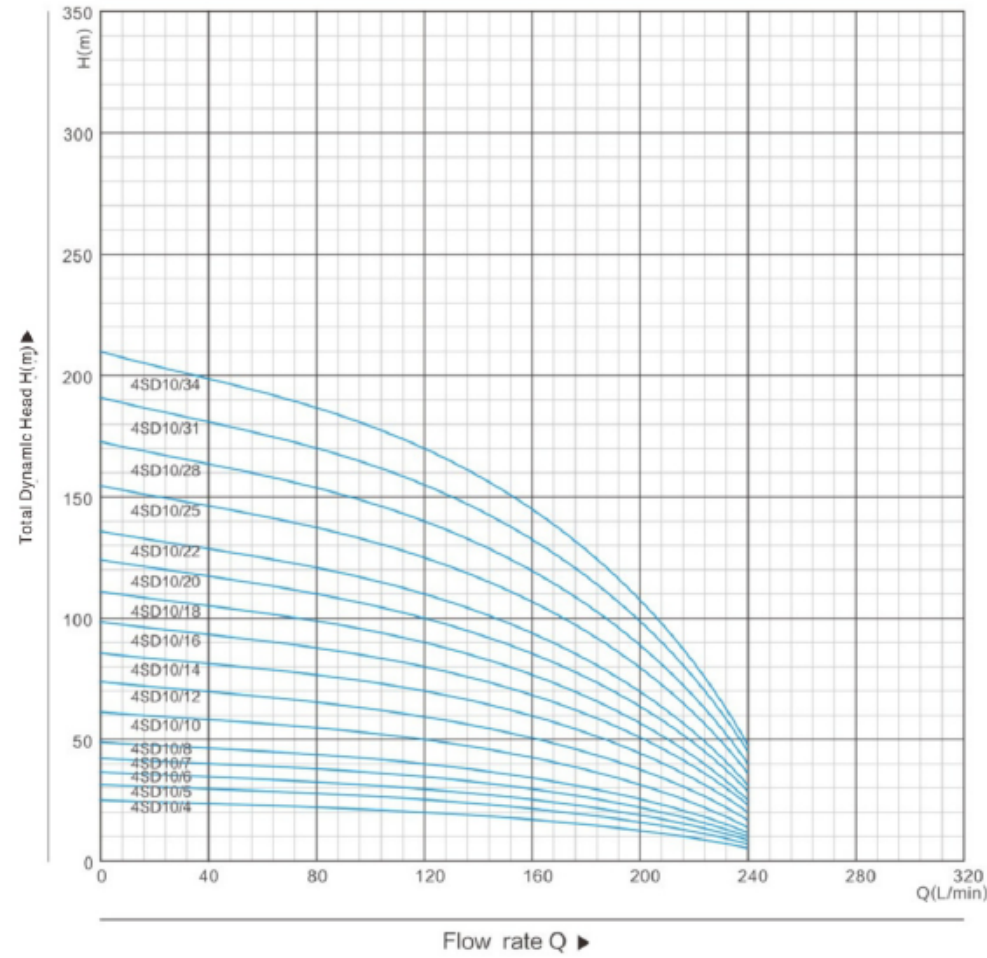
All copper motor



Overheat protection



High lift and large flow



4SD12



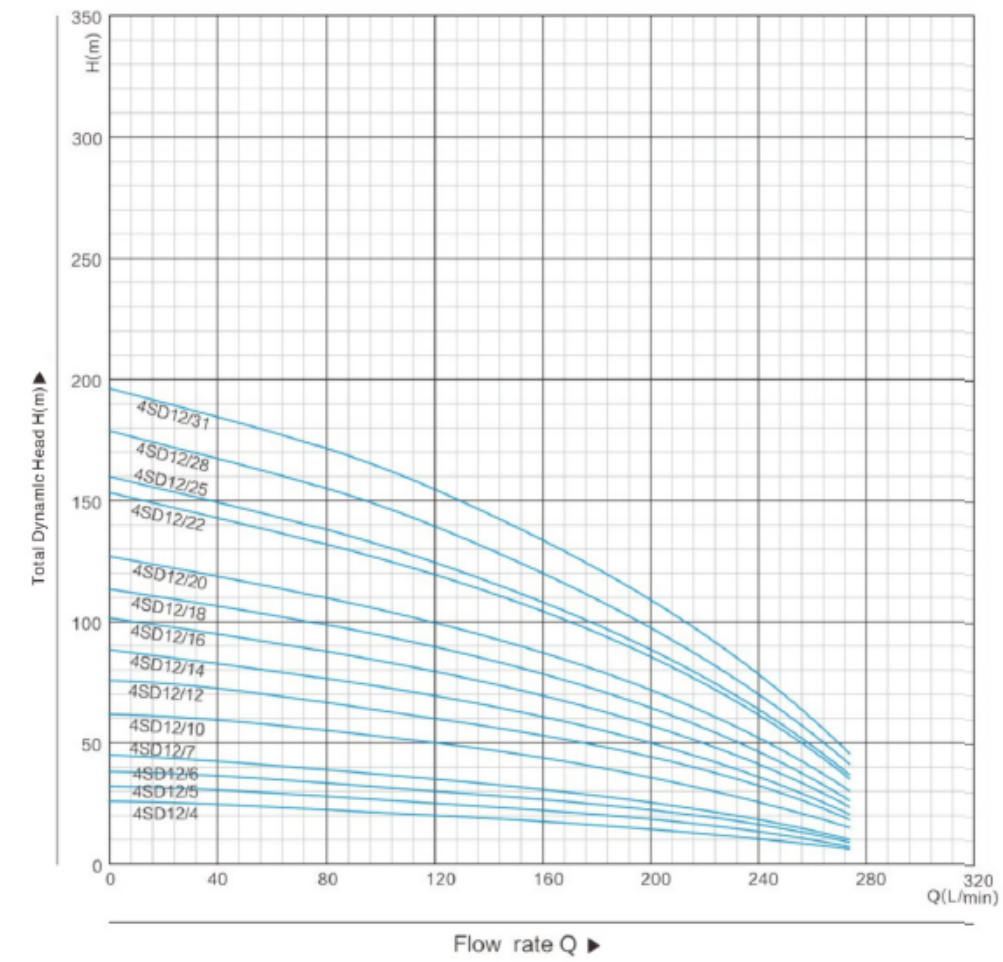
All copper motor



Overheat protection



High lift and large flow



PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY n≈2850r/min								
1~ 220V/240V	3~ 380V/415V	KW	HP	Q m ³ /h l/min	0	1.8	3.6	7.2	9.0	10.8	12.6	14.4
					0	30	60	120	150	180	210	240
4SDM10/4	4SD10/4	0.75	1	H(m)/ outlet(inch) 2"	25	24	23	20	18	14	10	6
4SDM10/5	4SD10/5	0.75	1		31	30	28	25	22	18	13	7
4SDM10/6	4SD10/6	1.1	1.5		37	36	34	30	26	22	16	9
4SDM10/7	4SD10/7	1.1	1.5		43	42	40	35	31	25	18	10
4SDM10/8	4SD10/8	1.5	2		49	48	45	40	35	29	21	12
4SDM10/10	4SD10/10	1.5	2		62	59	56	50	44	36	26	14
4SDM10/12	4SD10/12	2.2	3		74	71	68	60	53	43	31	17
4SDM10/14	4SD10/14	2.2	3		86	83	79	70	62	51	36	20
4SDM10/16	4SD10/16	3	4		99	95	90	80	71	58	41	23
/	4SD10/18	3	4		111	107	102	90	79	65	47	26
/	4SD10/20	4	5.5		124	119	113	100	88	72	52	29
/	4SD10/22	4	5.5		136	131	124	110	97	80	57	32
/	4SD10/25	5.5	7.5		154	149	141	125	110	90	65	36
/	4SD10/28	5.5	7.5		173	166	158	140	124	101	72	40
/	4SD10/31	7.5	10		191	184	175	155	137	112	80	45
/	4SD10/34	7.5	10		210	202	192	170	150	123	88	49

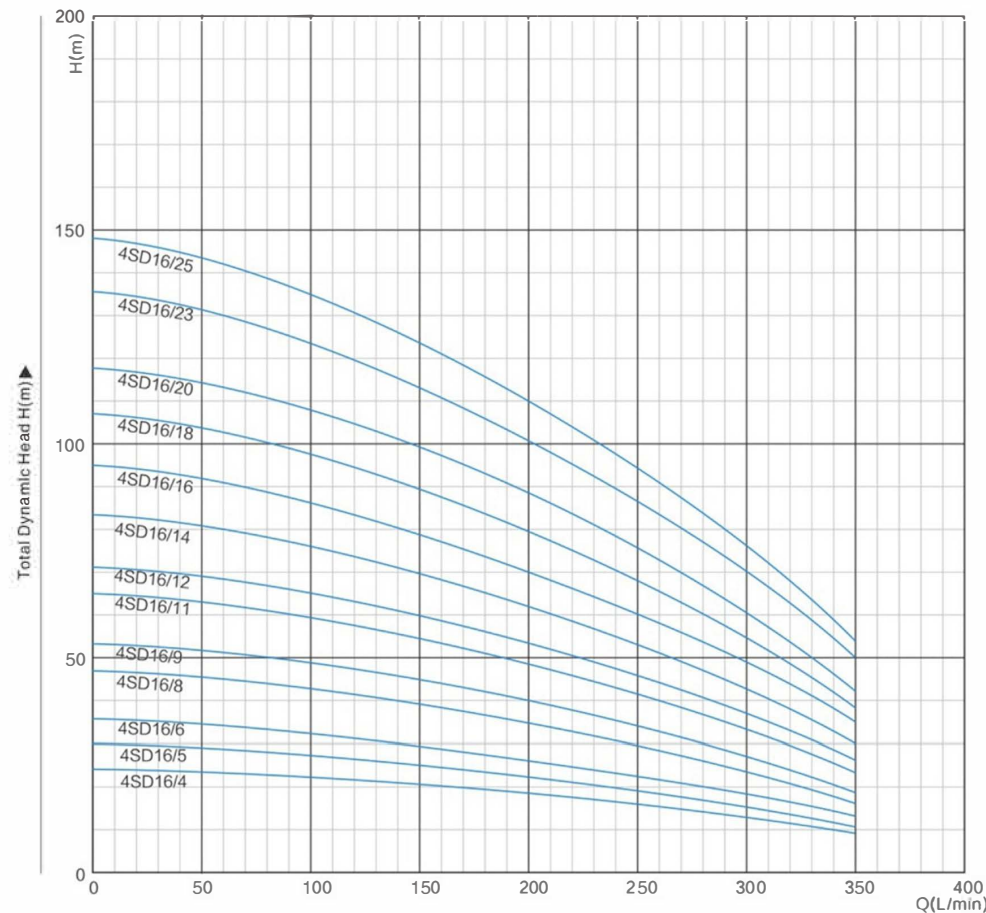
PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY n≈2850r/min											
1~ 220V/240V	3~ 380V/415V	KW	HP	Q m ³ /h l/min	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	
					0	30	60	90	120	150	180	210	240	270	
4SDM12/4	4SD12/4	1.1	1.5	H(m)/ outlet(inch) 2"	26	24	23	22	20	18	16	13	10	6	
4SDM12/5	4SD12/5	1.1	1.5		32	31	29	27	25	22	20	16	12	7	
4SDM12/6	4SD12/6	1.5	2		38	37	34	32	30	27	24	20	15	9	
4SDM12/7	4SD12/7	1.5	2		45	43	40	38	35	31	28	23	17	10	
4SDM12/10	4SD12/10	2.2	3		63	61	58	53	50	44	39	32	24	15	
4SDM12/12	4SD12/12	2.2	3		76	73	69	64	60	53	47	39	29	18	
4SDM12/14	4SD12/14	3	4		89	85	80	75	70	62	55	46	34	21	
/	4SD12/16	3	4		102	98	92	86	79	71	63	52	39	24	
/	4SD12/18	4	5.5		114	110	103	96	89	80	71	59	44	27	
/	4SD12/20	4	5.5		127	122	115	107	99	89	79	65	49	30	
/	4SD12/22	5.5	7.5		153	146	138	129	119	106	94	78	58	35	
/	4SD12/25	5.5	7.5		160	153	143	135	124	112	98	82	62	36	
/	4SD1228	7.5	10		179	171	160	151	139	125	110	92	69	41	
/	4SD12/31	7.5	10		197	189	178	166	154	137	122	101	75	46	

4SD16



All copper motor Overheat protection High lift and large flow



Flow rate Q ▶



PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY n ≈ 2850r/min										
1~220V/240V	3~380V/415V	KW	HP	Q m³/h l/min	H(m)/outlet(inch) 2"									
					0	3	6	9	12	15	18	21		
4SDM16/4	4SD16/4	1.1	1.5		24	23	22	20	18	15	12	9		
4SDM16/5	4SD16/5	1.5	2		30	29	28	25	22	19	15	11		
4SDM16/6	4SD16/6	1.5	2		36	35	33	30	26	22	18	13		
4SDM16/8	4SD16/8	2.2	3		47	46	44	40	35	30	24	17		
4SDM16/9	4SD16/9	2.2	3		53	52	50	45	40	33	27	19		
4SDM16/11	4SD16/11	3	4		65	64	61	55	48	41	33	24		
/	4SD16/12	3	4		71	70	66	60	53	45	36	26		
/	4SD16/14	4	5.5		83	81	77	70	62	52	42	30		
/	4SD16/16	4	5.5		95	93	88	80	70	60	48	35		
/	4SD16/18	5.5	7.5		107	104	99	90	79	67	54	39		
/	4SD16/20	5.5	7.5		118	116	110	100	88	74	60	43		
/	4SD16/23	7.5	10		136	133	127	115	101	86	69	50		
/	4SD16/25	7.5	10		148	145	138	125	110	93	75	54		

4SP



All copper motor Overheat protection High lift and large flow

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%.
Maximum immersion: 90m.
Maximum well diameter: 4".

Motor and Pump

Rewindable motor
Single-phase: 220V-240V/50Hz
Three-phase: 380V-415V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
NEMA dimension standards
Curve tolerance according to ISO 9906

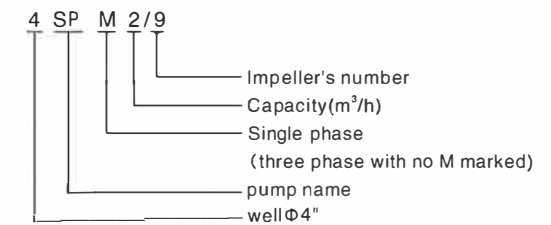
Options on request

Special mechanical seal
Other voltages or frequency 60Hz
Single phase motor with built-in capacitor

Warranty: 1 year

According to our general sales conditions.

Model Description



Components	Material
Pump external casing	① AISI304 SS ② AISI 316SS
Delivery casing	① AISI304 SS ② AISI 316 SS
Suction lantern	① AISI304 SS ② AISI 316SS
Diffuser	① AISI304 SS ② AISI 316 SS
Impeller	① AISI304 SS ② AISI 316SS
Shalt	① AISI304 SS ② AISI 316 SS
Shaft coupling	① AISI304 SS ② AISI 316SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-CuAS TM C85500 ② Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 304 SS -ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

4SP2



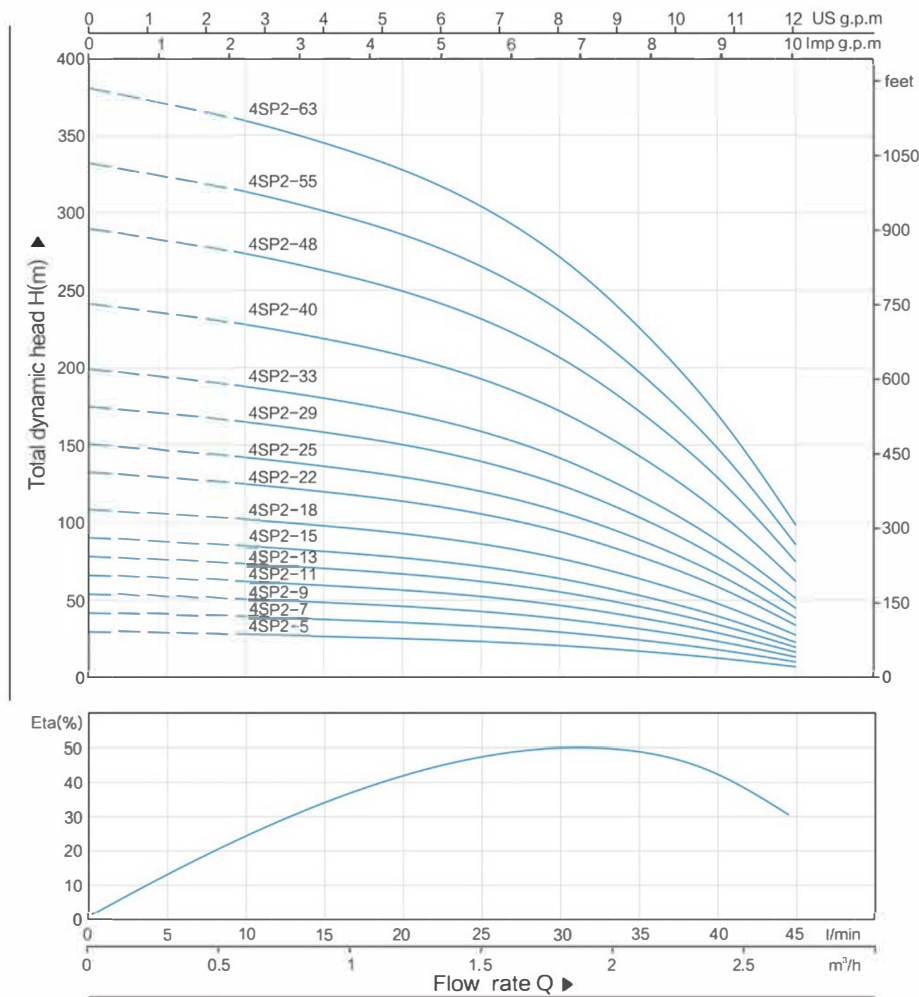
All copper motor



Overheat protection



High lift and large flow



4SP3



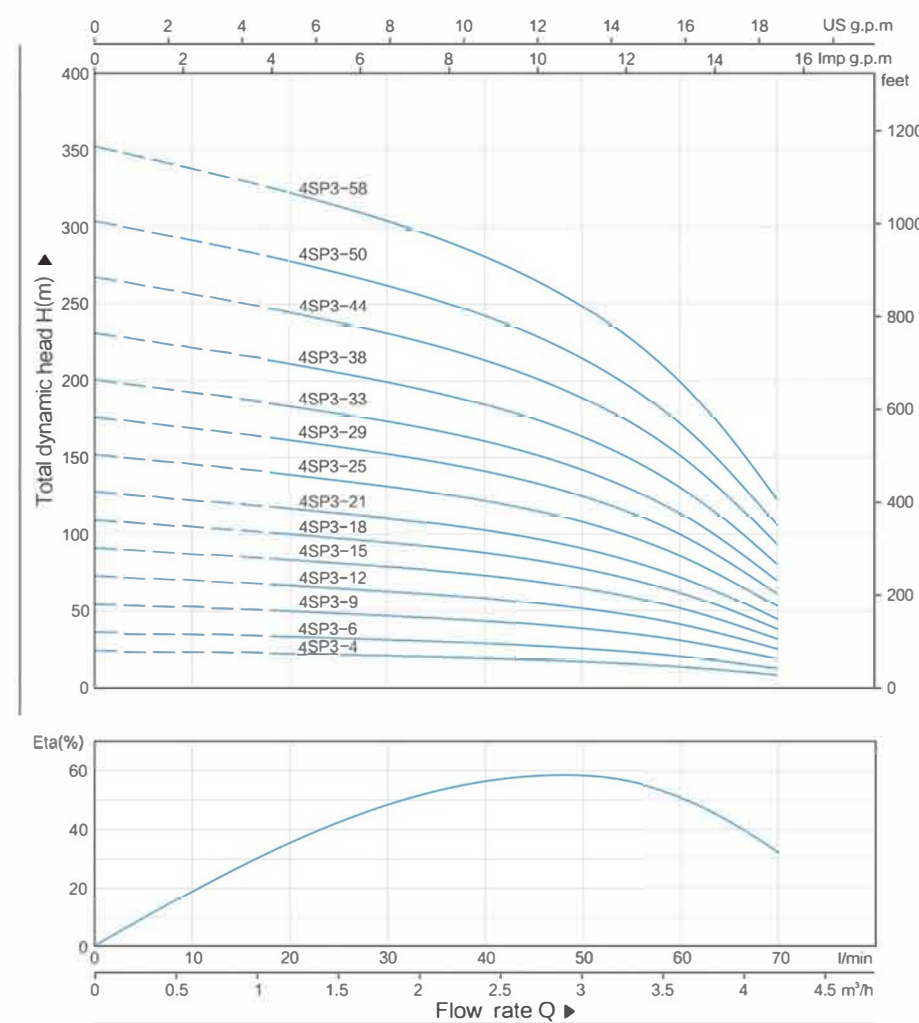
All copper motor



Overheat protection



High lift and large flow



PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY n≈2850r/min										
1~220V/240V	3~380V/415V	KW	HP	Q m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
					0	5	10	15	20	25	30	35	40	45
4SPM2-5	4SP2-5	0.25	0.33	H(m)/ outlet(inch) 1.25"	30	29	28	27	25	24	21	18	13	8
4SPM2-7	4SP2-7	0.37	0.5		41	40	39	38	36	33	30	25	19	11
4SPM2-9	4SP2-9	0.37	0.5		53	52	50	48	46	43	38	32	24	14
4SPM2-11	4SP2-11	0.55	0.75		65	63	61	59	56	52	46	39	29	17
4SPM2-13	4SP2-13	0.55	0.75		77	75	73	70	66	61	55	46	34	20
4SPM2-15	4SP2-15	0.75	1		89	86	84	80	76	71	63	53	40	23
4SPM2-18	4SP2-18	0.75	1		107	104	101	97	92	85	76	63	48	28
4SPM2-22	4SP2-22	1.1	1.5		130	127	123	118	112	104	93	78	58	34
4SPM2-25	4SP2-25	1.1	1.5		148	144	140	134	127	118	106	88	66	38
4SPM2-29	4SP2-29	1.5	2		172	167	162	156	148	137	122	102	77	45
4SPM2-33	4SP2-33	1.5	2		195	190	184	177	168	156	139	116	87	51
4SPM2-40	4SP2-40	2.2	3		237	230	223	215	204	189	169	141	106	62
4SPM2-48	4SP2-48	2.2	3		284	277	268	258	245	227	203	169	127	74
	4SP2-55	3	4		326	317	307	295	280	260	232	194	146	85
	4SP2-63	3	4		373	363	352	338	321	298	266	222	167	97

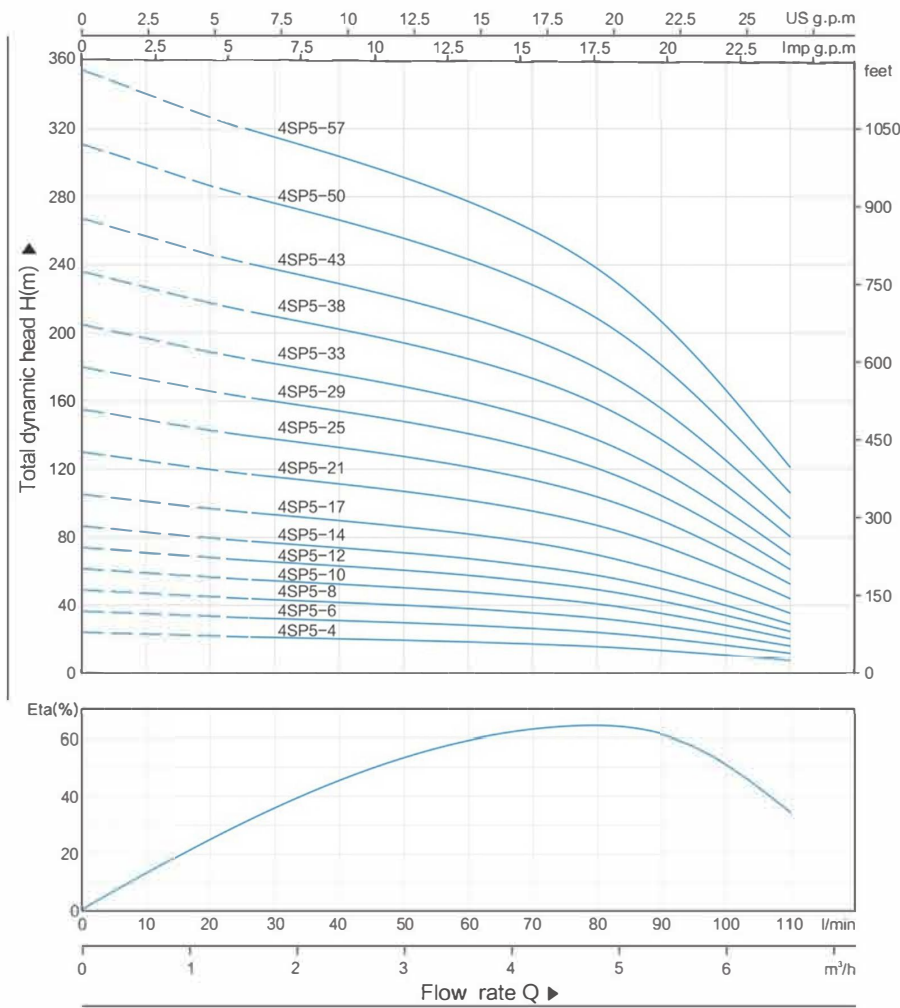
PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY n≈2850r/min									
1~220V/240V	3~380V/415V	KW	HP	Q m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	
					0	10	20	30	40	50	60	70	
4SPM3-4	4SP3-4	0.25	0.33	H(m)/ outlet(inch) 1.25"	24	23	22	21	19	17	14	8	
4SPM3-6	4SP3-6	0.37	0.5		36	35	33	31	29	26	21	13	
4SPM3-9	4SP3-9	0.55	0.75		55	52	50	47	44	39	31	19	
4SPM3-12	4SP3-12	0.75	1		73	70	67	63	58	51	41	25	
4SPM3-15	4SP3-15	1.1	1.5		91	87	83	78	73	64	52	32	
4SPM3-18	4SP3-18	1.1	1.5		109	105	100	94	87	77	62	38	
4SPM3-21	4SP3-21	1.5	2		128	122	117	110	102	90	72	44	
4SPM3-25	4SP3-25	1.5	2		152	146	139	131	121	107	86	53	
4SPM3-29	4SP3-29	2.2	3		176	169	161	152	141	124	100	61	
4SPM3-33	4SP3-33	2.2	3		201	192	183	173	160	142	114	70	
	4SP3-38	3	4		231	221	211	199	184	163	131	80	
	4SP3-44	3	4		267	256	245	230	213	189	151	93	
	4SP3-50	4	5.5		304	291	278	262	242	214	172	106	
	4SP3-58	4	5.5		352	338	322	303	281	249	200	123	

4SP5



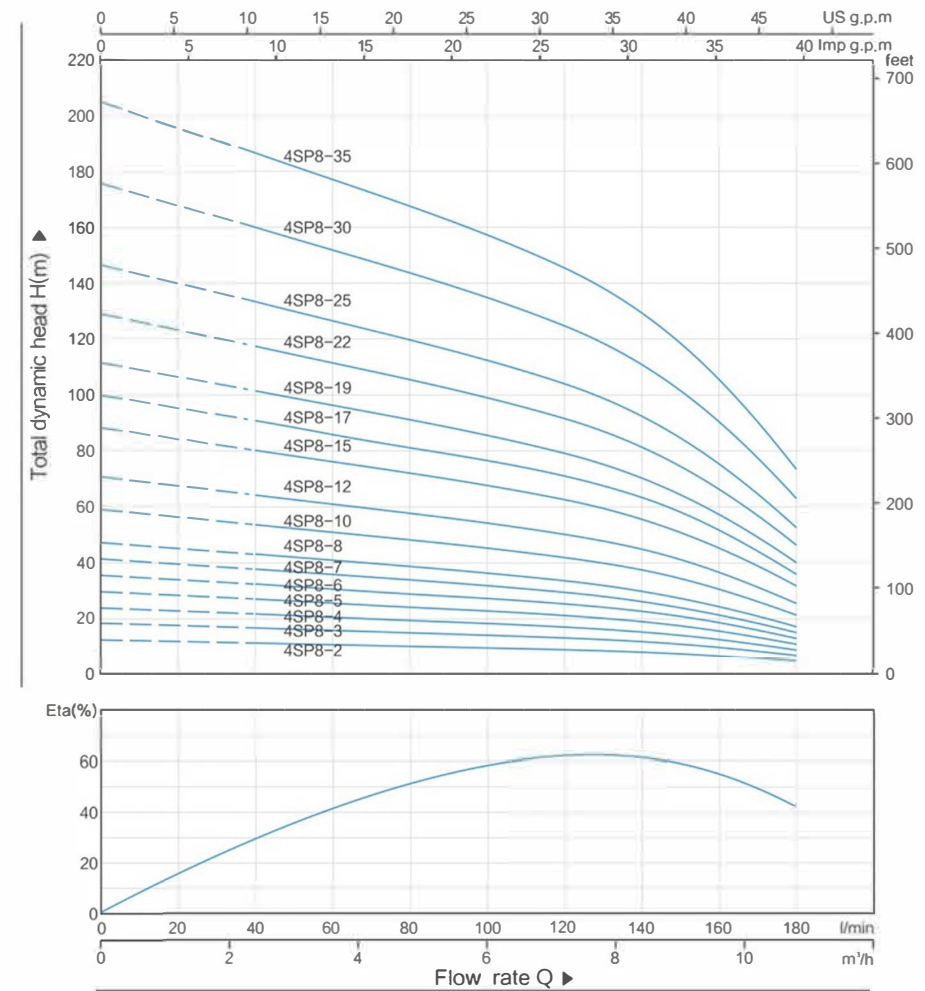
All copper motor Overheat protection High lift and large flow



4SP8



All copper motor Overheat protection High lift and large flow



PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY n≈2850r/min												
1~220V/240V	3~380V/415V	KW	HP	Q m³/h l/min	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6
					0	10	20	30	40	50	60	70	80	90	100	110
					H(m)/ outlet(1.5")											
4SPM5-4	4SP5-4	0.37	0.5		25	24	23	22	21	21	20	18	17	15	12	9
4SPM5-6	4SP5-6	0.55	0.75		37	36	35	33	32	31	29	27	25	22	18	13
4SPM5-8	4SP5-8	0.75	1		50	48	46	44	43	41	39	37	34	29	23	17
4SPM5-10	4SP5-10	1.1	1.5		62	60	58	55	54	51	49	46	42	36	29	21
4SPM5-12	4SP5-12	1.1	1.5		75	72	69	67	64	62	59	55	50	44	35	26
4SPM5-14	4SP5-14	1.5	2		87	84	81	78	75	72	69	64	59	51	41	30
4SPM5-17	4SP5-17	1.5	2		106	102	98	94	91	87	83	78	71	62	50	36
4SPM5-21	4SP5-21	2.2	3		131	126	121	116	112	108	103	96	88	76	62	45
4SPM5-25	4SP5-25	2.2	3		156	150	144	139	134	129	122	114	105	91	73	54
	4SP5-29	3	4		181	174	167	161	155	149	142	133	122	105	85	62
	4SP5-33	3	4		206	198	190	183	177	170	162	151	138	120	97	71
	4SP5-38	4	5.5		237	228	219	211	203	195	186	174	159	138	111	81
	4SP5-43	4	5.5		269	258	247	238	230	221	210	197	180	156	126	92
	4SP5-50	5.5	7.5		312	300	288	277	268	257	245	229	210	182	146	107
	4SP5-57	5.5	7.5		356	342	328	316	308	293	279	261	239	207	167	122

PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY n≈2850r/min											
1~220V/240V	3~380V/415V	KW	HP	Q m³/h l/min	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8	
					0	20	40	60	80	100	120	140	160	180	
					H(m)/ outlet(2")										
4SPM8-2	4SP8-2	0.55	0.75		12	11	11	10	9	9	8	7	6	4	
4SPM8-3	4SP8-3	0.55	0.75		18	17	16	15	14	13	12	11	9	6	
4SPM8-4	4SP8-4	0.75	1		23	22	21	20	19	18	17	15	12	8	
4SPM8-5	4SP8-5	0.75	1		29	28	27	25	24	22	21	19	15	10	
4SPM8-6	4SP8-6	1.1	1.5		35	34	32	30	28	27	25	22	18	13	
4SPM8-7	4SP8-7	1.1	1.5		41	39	37	35	33	31	29	26	21	15	
4SPM8-8	4SP8-8	1.5	2		47	45	43	40	38	36	33	30	24	17	
4SPM8-10	4SP8-10	1.5	2		59	56	53	50	47	45	41	37	30	21	
4SPM8-12	4SP8-12	2.2	3		70	67	64	60	57	53	50	45	36	25	
4SPM8-15	4SP8-15	2.2	3		88	84	80	75	71	67	62	56	45	31	
	4SP8-17	3	4		100	95	90	85	81	76	70	63	51	35	
	4SP8-19	3	4		111	106	101	96	90	85	79	71	58	40	
	4SP8-22	4	5.5		129	123	117	111	104	98	91	82	67	46	
	4SP8-25	4	5.5		146	140	133	126	119	111	104	93	76	52	
	4SP8-30	5.5	7.5		176	168	159	151	142	134	124	111	91	63	
	4SP8-35	5.5	7.5		205	196	186	176	166	156	145	130	106	73	

4SP14



All copper motor



Overheat protection



High lift and large flow

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%.
Maximum immersion: 80m.
Maximum well diameter: 3".

Motor and Pump

Rewindable motor or Full obturated screen motor
Three-phase: 380V-415V/50Hz
Single-phase: 220V-240V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
Curve tolerance according to ISO 9906

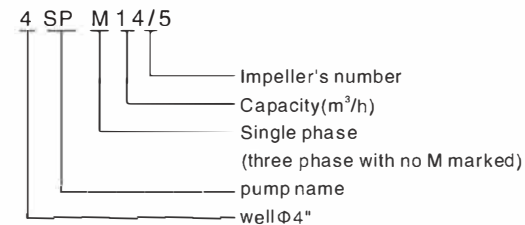
Options on request

Special mechanical seal
Other voltages or frequency 60Hz
Single phase motor with built-in capacitor

Warranty: 1 year

According to our general sales conditions

Model Description



4SP14



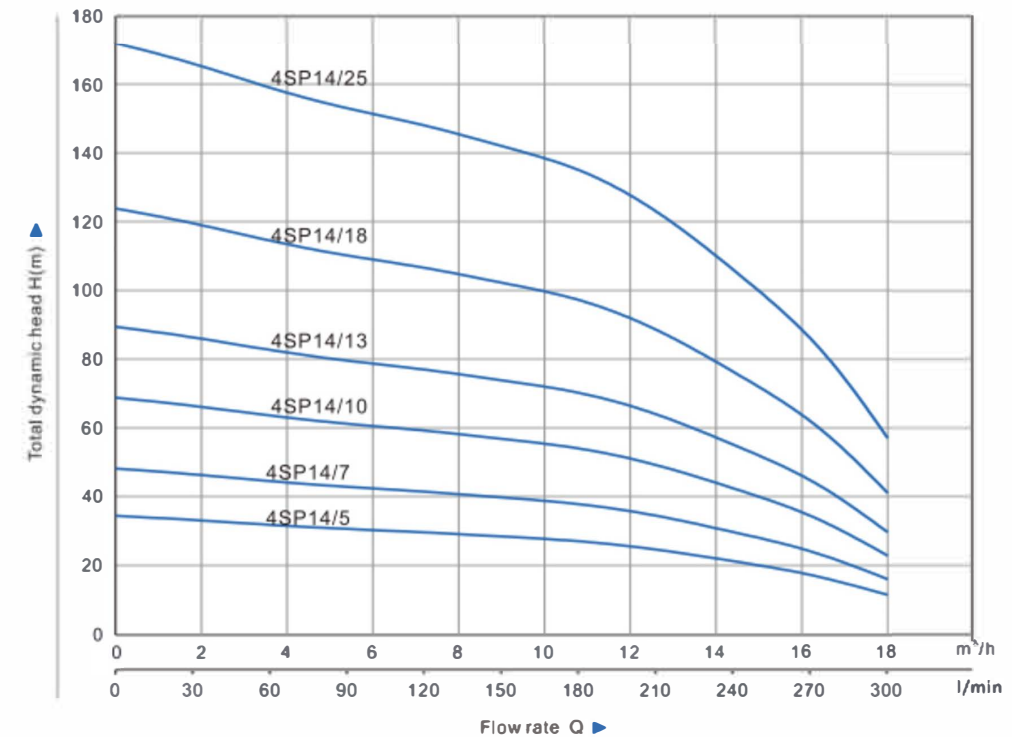
All copper motor



Overheat protection



High lift and large flow

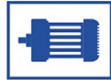


Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-CuAS TM C85500 ②AISI 304 SS ③Cast-iron ASTM NO.30
Suction lantern	①Cast-CuAS TM C85500 ②AISI 304 SS ③Cast-iron ASTM NO.30
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	①AISI316 SS ②AISI 304 SS
Shaft coupling	①AISI316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-CuAS TM C85500 ② Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 304 SS -ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY n≈2850r/min													
1-220V/240V	3-380V/415V	KW	HP	DN	Q m ³ /h l/min	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	18	
4SPM14/5	4SP14/5	1.5	2	1 1/2"	H(m)	34	34	32	31	30	28	27	25	21	17	11	
4SPM14/7	4SP14/7	2.2	3			48	47	45	43	41	40	38	34	30	24	16	
	4SP14/10	3	4			69	67	64	61	59	57	54	49	42	34	23	
	4SP14/13	4	5.5			89	87	83	80	77	74	70	64	55	45	30	
	4SP14/18	5.5	7.5			124	121	114	110	107	102	97	89	76	62	41	
	4SP14/25	7.5	10			172	168	159	153	148	142	135	123	106	86	57	

6SP



All copper motor Overheat protection High lift and large flow

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%.
Maximum immersion: 100m.
Maximum well diameter: 6".

Motor and Pump

Rewindable motor
Three-phase: 380V-415V/50Hz
Single-phase: 220V-240V/50Hz
Equip with start control box or digital auto-control box
NEMA dimension standards
Curve tolerance according to ISO 9906

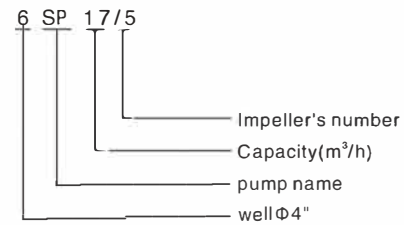
Options on request

Special mechanical seal
Other voltages or frequency 60Hz

Warranty: 1 year

According to our general sales conditions.

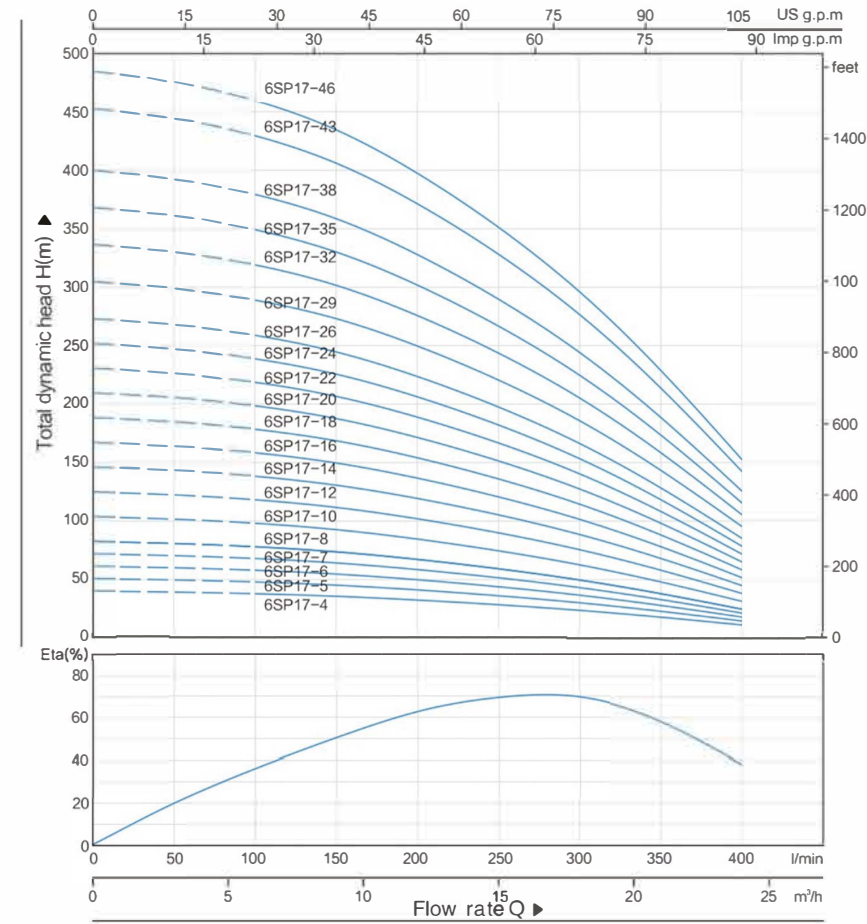
Model Description



6SP17



All copper motor Overheat protection High lift and large flow



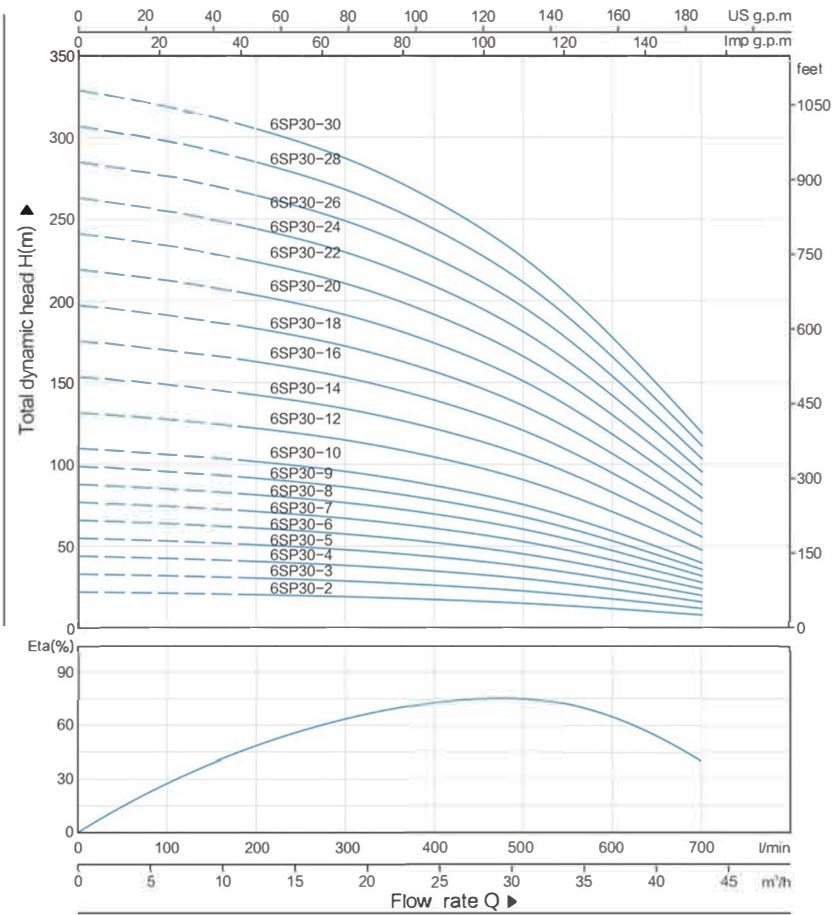
Components	Material
Pump external casing	① AISI316 SS ② AISI 304SS
Suction lantern	① AISI316 SS ② AISI 304SS
Diffuser	① AISI316 SS ② AISI 304SS
Impeller	① AISI316 SS ② AISI 304SS
Shaft	① AISI316 SS ② AISI 304SS
Shaft coupling	① AISI316 SS ② AISI 304SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM NO.30
Bottom support	Cast-iron ASTM NO.30
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 304 SS -ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY																			
1~	3~	KW	HP	Q	n ≈ 2850r/min																		
220V/240V	380V/415V				m³/h	H(m)/ outlet(inch)																	
				l/min	0	3	6	9	12	15	18	21	24	0	50	100	150	200	250	300	350	400	
6SPM17-4	6SP17-4	2.2	3		42	41	40	38	35	31	26	20	13										
6SPM17-5	6SP17-5	3	4		53	52	50	47	43	38	32	25	17										
6SPM17-6	6SP17-6	4	5.5		63	62	60	57	52	46	39	30	20										
6SPM17-7	6SP17-7	4	5.5		74	72	70	66	61	54	45	35	23										
6SPM17-8	6SP17-8	5.5	7.5		84	83	80	76	69	61	52	40	27										
	6SP17-10	5.5	7.5		105	103	100	95	87	77	65	50	33										
	6SP17-12	7.5	10		127	124	120	113	104	92	77	60	40										
	6SP17-14	9.2	12.5		148	145	140	132	121	107	90	70	47										
	6SP17-16	9.2	12.5		169	166	160	151	138	122	103	80	54										
	6SP17-18	11	15		190	186	180	170	156	138	116	90	60										
	6SP17-20	11	15		211	207	200	189	173	153	129	100	67										
	6SP17-22	13	17.5		232	228	220	208	190	168	142	110	74										
	6SP17-24	13	17.5		253	248	240	227	208	184	155	120	80										
	6SP17-26	15	20		274	269	260	246	225	199	168	130	87										
	6SP17-29	18.5	25		306	300	290	274	251	222	187	145	97										
	6SP17-32	18.5	25		337	331	320	303	277	245	207	160	107										
	6SP17-35	22	30		369	362	350	331	303	268	226	175	117										
	6SP17-38	22	30		401	393	380	359	329	291	245	190	127										
	6SP17-43	26	35		453	445	430	407	372	329	278	215	144										
	6SP17-46	26	35		485	476	460	435	398	352	297	230	154										

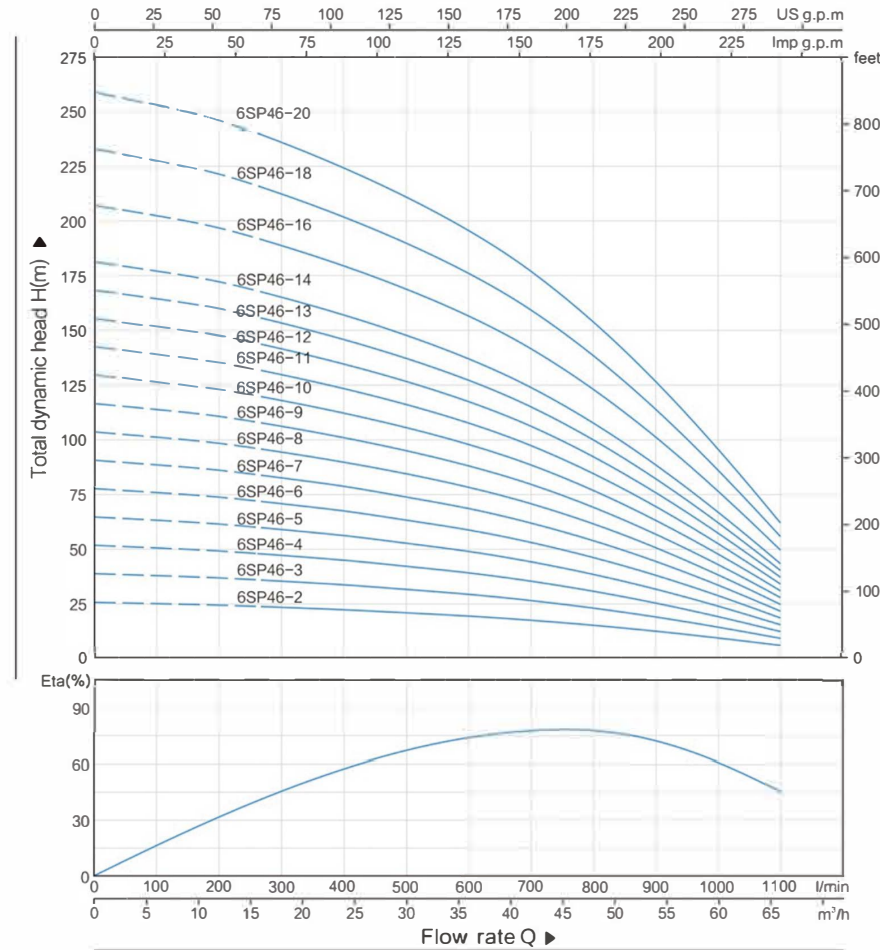
6SP30



PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY									
1~ 220V/240V	3~ 380V/415V	KW	HP	Q m ³ /h l/min	n ≈ 2850r/min								
					0	6	12	18	24	30	36	42	
6SPM30-2	6SP30-2	2.2	3	H(m)/ outlet(inch) 3"	22	21	20	19	17	15	12	8	
6SPM30-3	6SP30-3	3	4		33	32	30	29	26	23	18	12	
6SPM30-4	6SP30-4	4	5.5		44	43	41	38	35	30	24	16	
6SPM30-5	6SP30-5	5.5	7.5		55	53	51	48	43	38	29	20	
	6SP30-6	5.5	7.5		66	64	61	57	52	45	35	24	
	6SP30-7	7.5	10		77	74	71	67	61	53	41	28	
	6SP30-8	7.5	10		88	85	81	77	70	60	47	32	
	6SP30-9	9.2	12.5		99	96	91	86	78	68	53	36	
	6SP30-10	9.2	12.5		110	106	102	96	87	75	59	40	
	6SP30-12	11	15		132	128	122	115	104	90	71	48	
	6SP30-14	13	17.5		154	149	142	134	122	105	83	56	
	6SP30-16	15	20		175	170	163	153	139	121	94	63	
	6SP30-18	18.5	25		197	191	183	172	157	136	106	71	
	6SP30-20	18.5	25		219	213	203	191	174	151	118	79	
	6SP30-22	22	30	241	234	224	210	191	166	130	87		
	6SP30-24	22	30	263	255	244	230	209	181	142	95		
	6SP30-26	22	30	285	276	264	249	226	196	153	103		
	6SP30-28	26	35	307	298	285	268	244	211	165	111		
	6SP30-30	26	35	329	319	305	287	261	226	177	119		

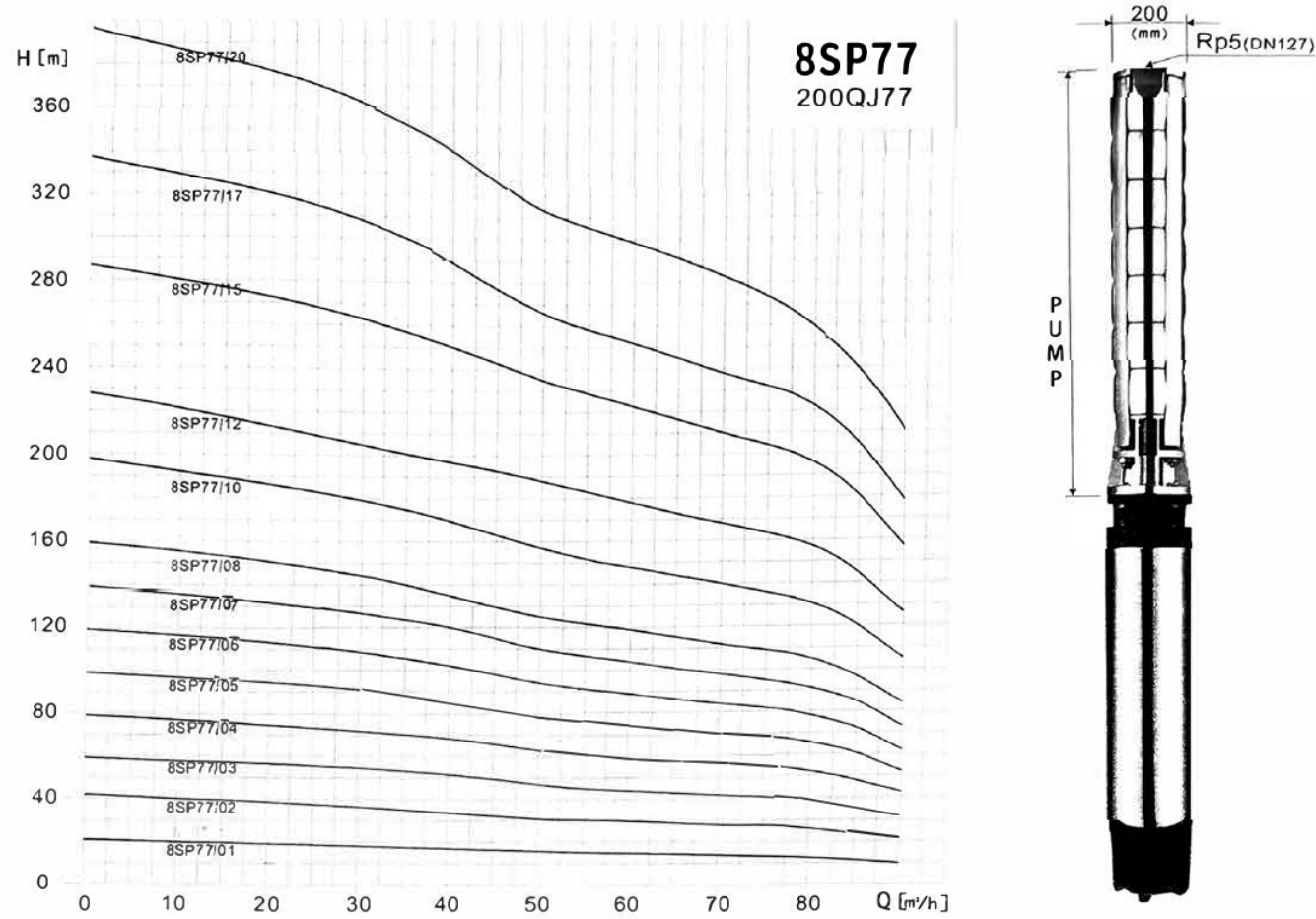
6SP46



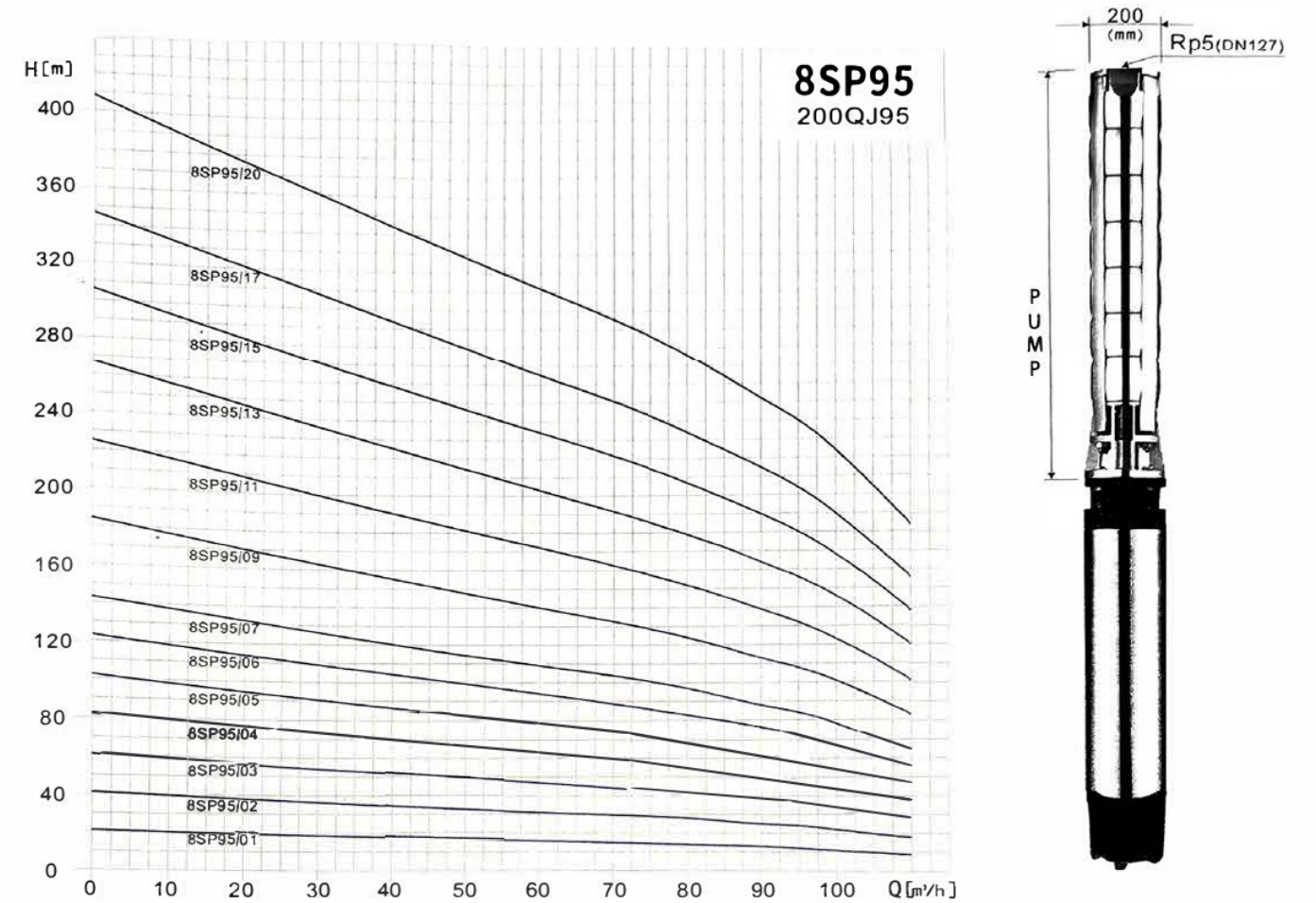
PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY													
1~ 220V/240V	3~ 380V/415V	KW	HP	Q m ³ /h l/min	n ≈ 2850r/min												
					0	6	12	18	24	30	36	42	48	54	60	66	
6SPM4-2	6SP46-2	3	4	H(m)/ outlet(inch) 4"	26	25	25	24	22	21	20	18	15	13	10	6	
6SPM46-3A	6SP46-3A	4	5.5		35	34	33	32	31	28	26	23	20	16	12	8	
6SPM46-3	6SP46-3	5.5	7.5		39	38	37	35	34	32	29	27	23	19	14	9	
	6SP46-4	7.5	10		52	51	49	47	45	47	39	35	31	25	19	12	
	6SP46-5	7.5	10		65	63	61	59	56	53	49	44	38	32	24	15	
	6SP46-6	9.2	12.5		78	76	74	71	67	63	59	53	46	38	29	19	
	6SP46-7	11	15		91	89	86	83	79	74	69	62	54	44	34	22	
	6SP46-8	13	17.5		104	101	98	94	90	84	78	71	62	51	38	25	
	6SP46-9	15	20		117	114	111	106	101	95	88	80	69	57	43	28	
	6SP46-10	15	20		130	127	123	118	112	105	98	88	77	63	48	31	
	6SP46-11	18.5	25		142	139	135	130	124	116	108	97	85	70	53	34	
	6SP46-12	18.5	25		155	152	148	142	135	127	118	106	92	76	58	37	
	6SP46-13	22	30		168	164	160	153	146	137	127	115	100	83	62	40	
	6SP46-14	22	30		181	177	172	165	158	148	137	124	108	89	67	43	
	6SP46-16	26	35	207	202	197	189	180	169	157	142	123	102	77	50		
	6SP46-18	30	40	233	228	221	212	203	190	176	159	139	114	86	56		
	6SP46-20	30	40	259	253	246	236	225	211	196	177	154	127	96	62		

8SP77 Submersible pump Performance curves/data



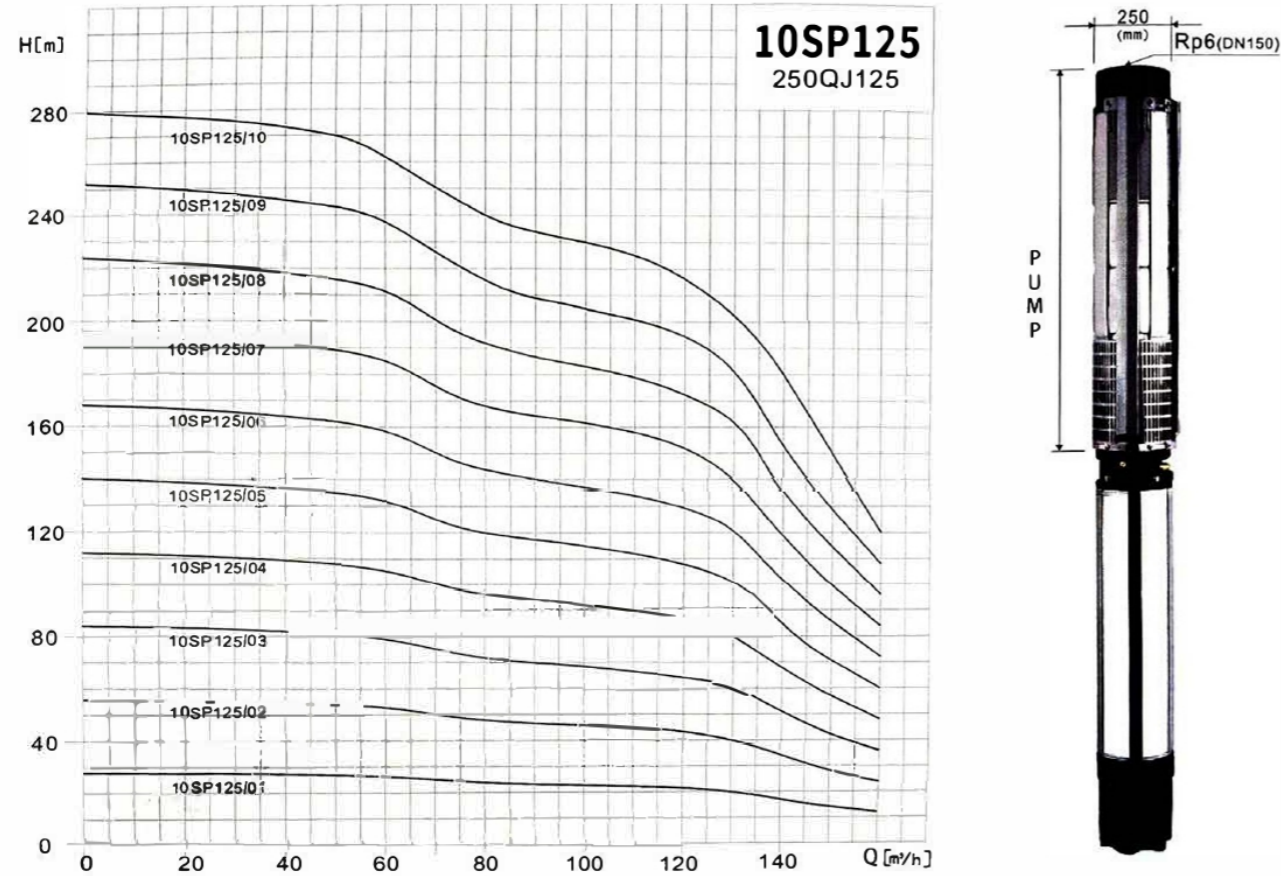
8SP95 Submersible pump Performance curves/data



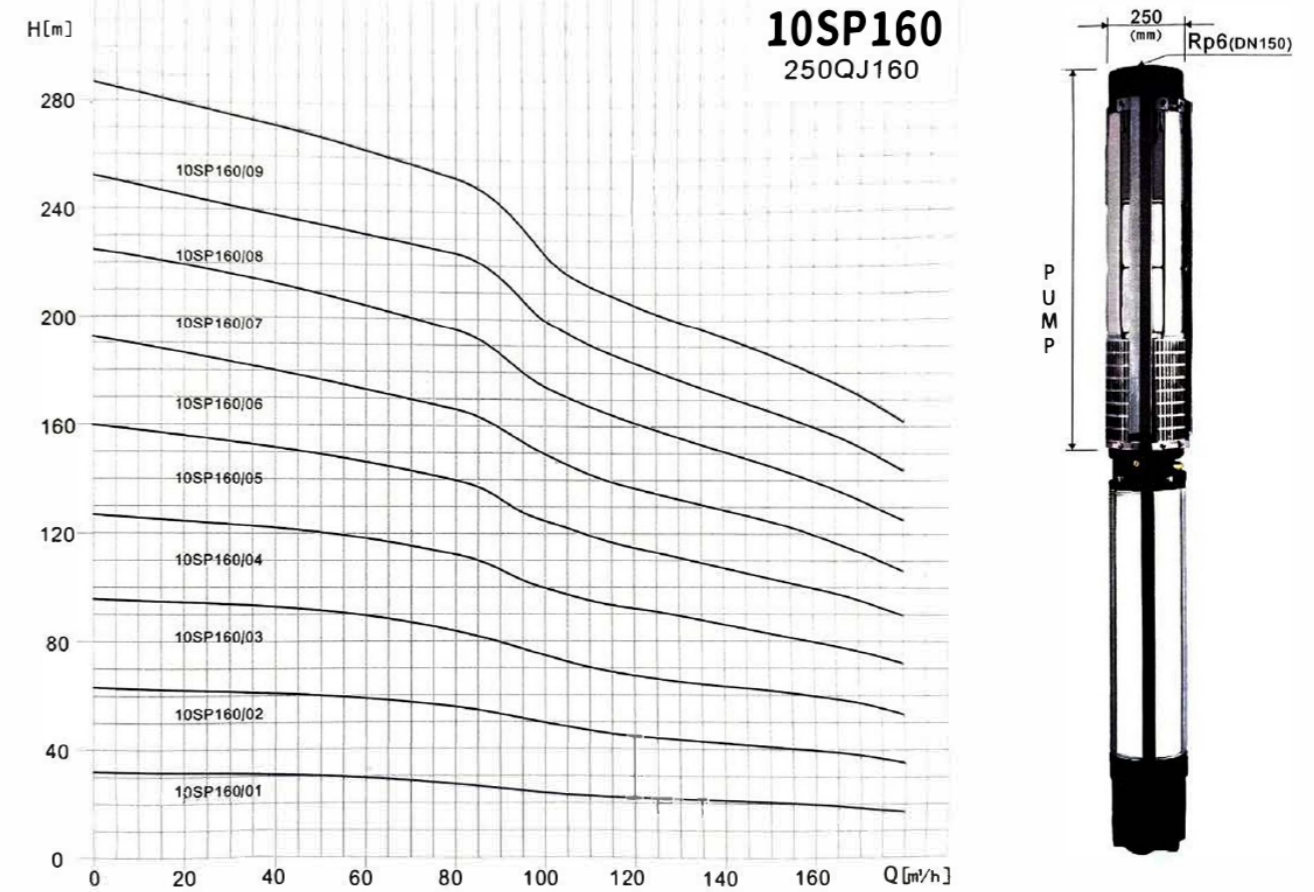
MODEL	POWER		DELIVERY ($n \approx 2850 \text{r/min}$)							LENGTH mm	WEIGHT kg	OUTLET DIAMETER	
	KW	HP	Q (m³/h)	0	36	50	60	70	77				90
8SP77-01	5.5	7.5		21	17.5	16	15	14	13	10	414	12.5	DN 127 5"
8SP77-02	7.5	10		42	35	31	30	28	27	21	518	15.8	
8SP77-03	11	15		59	53	47	44	42	40	31	622	19.1	
8SP77-04	15	20		79	70	63	59	56	53	42	726	22.4	
8SP77-05	18.5	25		99	88	78	74	70	67	52	830	25.7	
8SP77-06	22	30	Head (m)	119	105	94	89	84	80	63	934	29	
8SP77-07	26	35		139	123	110	104	98	93	73	1038	32.3	
8SP77-08	30	40		159	140	125	119	112	107	84	1142	35.6	
8SP77-10	37	50		198	174	157	148	140	133	105	1350	42.2	
8SP77-12	45	60		238	210	188	178	168	160	126	1558	48.8	
8SP77-15	55	75		297	263	235	222	210	200	157	1870	58.7	
8SP77-17	63	85		337	298	266	252	238	227	178	2078	65.3	
8SP77-20	75	100		397	350	313	297	280	267	210	2390	75.2	

MODEL	POWER		DELIVERY ($n \approx 2850 \text{r/min}$)							LENGTH mm	WEIGHT kg	OUTLET DIAMETER	
	KW	HP	Q (m³/h)	0	60	80	90	95	100				110
8SP95-01	5.5	7.5		21	16	14	13	12	11	9	414	12.6	DN 127 5"
8SP95-02	9.2	12.5		41	31	28	25	24	22	18	518	15.9	
8SP95-03	13	17.5		61	47	41	38	36	33	28	622	19.3	
8SP95-04	18.5	25		82	62	55	50	48	45	37	726	22.6	
8SP95-05	22	30	Head (m)	102	78	69	63	60	56	46	830	26	
8SP95-06	26	35		123	94	83	76	72	67	55	934	29.3	
8SP95-07	30	40		143	109	97	88	84	78	64	1038	32.7	
8SP95-09	37	50		184	140	124	113	108	101	83	1246	39.4	
8SP95-11	45	60		225	172	152	139	132	123	101	1454	46.1	
8SP95-13	55	75		267	203	179	164	156	146	120	1662	52.8	
8SP95-15	63	85		306	234	207	189	180	168	138	1870	59.5	
8SP95-17	75	100		347	265	234	214	204	190	156	2078	66.2	
8SP95-20	90	125		408	312	276	252	240	224	184	2390	76.2	

10SP125 Submersible pump Performance curves/data



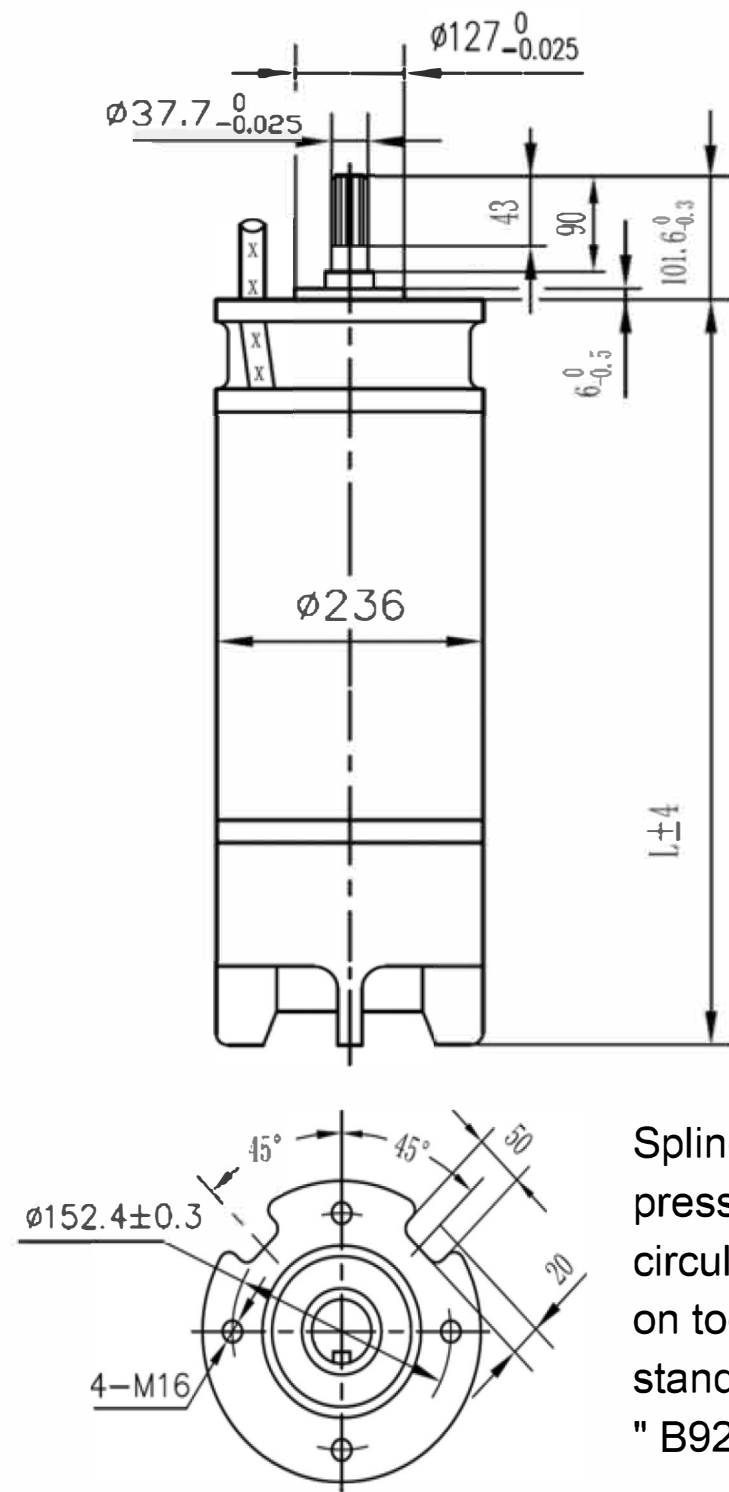
10SP160 Submersible pump Performance curves/data



MODEL	POWER		DELIVERY ($n \approx 2850 \text{r/min}$)								LENGTH mm	WEIGHT kg	OUTLET DIAMETE
	KW	HP	Q (m^3/h)	0	50	80	100	125	140	160			
10SP125-01	11	15		28	27	24	23	21	17	12	616	-	DN 150 6"
10SP125-02	22	30	Head (m)	56	54	48	46	42	34	24	772	-	
10SP125-03	30	40	84	81	72	69	63	51	36	928	-		
10SP125-04	37	50	112	108	96	92	84	68	48	1084	-		
10SP125-05	45	60	140	135	120	115	105	85	60	1240	-		
10SP125-06	55	75	168	162	144	138	126	102	72	1396	-		
10SP125-07	63	83	196	189	168	161	147	119	84	1552	-		
10SP125-08	75	100	224	216	192	284	168	136	96	1708	-		
10SP125-09	90	125	252	243	216	207	189	153	108	1864	-		
10SP125-10	110	150	280	270	240	230	210	170	120	2020	-		

MODEL	POWER		DELIVERY ($n \approx 2850 \text{r/min}$)							LENGTH mm	WEIGHT kg	OUTLET DIAMETER
	KW	HP	Q	0	80	100	120	160	180			
10SP160-01	13	17.5		32	28	25	23	20	18	616	-	DN 150 6"
10SP160-02	26	40	Head (m)	64	56	50	46	40	36	772	-	
10SP160-03	37	50	96	84	75	69	60	54	54	928	-	
10SP160-04	55	75	128	112	100	92	80	72	72	1084	-	
10SP160-05	63	85	160	140	125	115	100	90	90	1240	-	
10SP160-06	75	100	192	168	150	138	120	108	108	1396	-	
10SP160-07	90	125	224	196	175	161	140	126	126	1552	-	
10SP160-08	90	125	256	224	200	184	160	144	144	1708	-	
10SP160-09	110	150	288	252	225	207	180	162	162	1864	-	

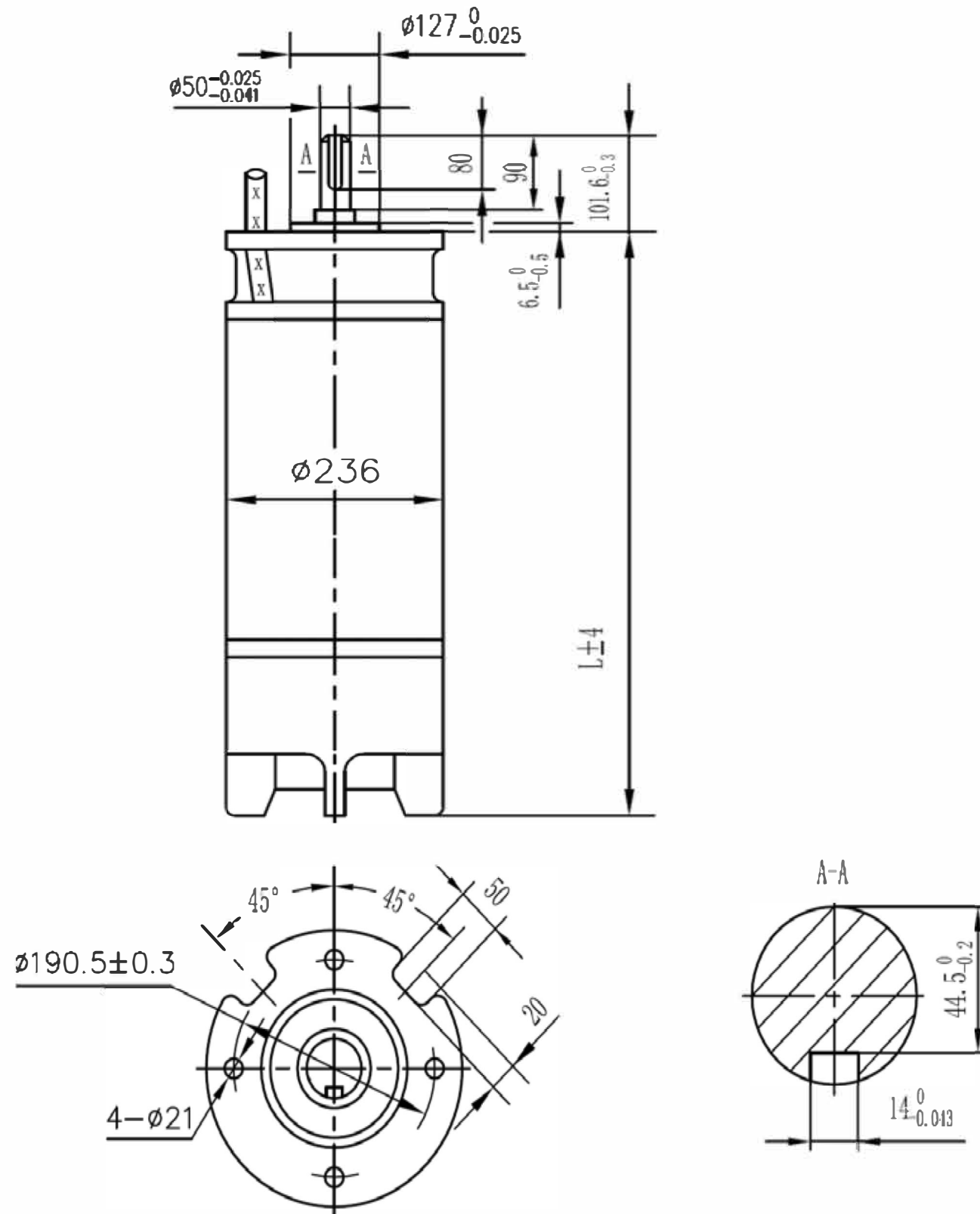
Motor technical information



Spline parameters: 23 teeth, 30° pressure angle, 16/32 diameter pitch, circular tooth root, 5-level tolerance on tooth flank, all comply with American standard "Involute Spline and Inspection" B92.1 Regulation.

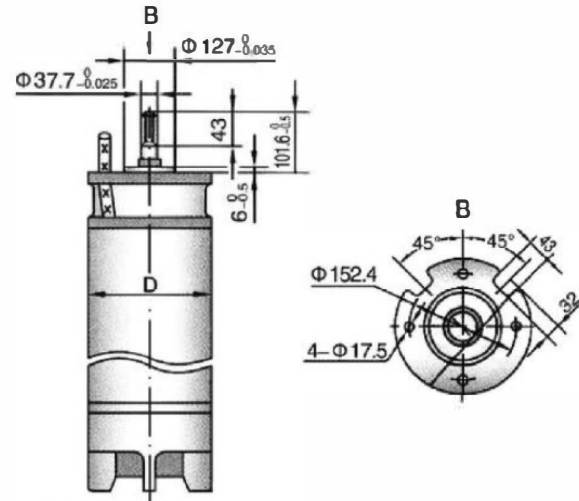
power P2	L	net weight	thrust	Packing box size			weight
	QN10"	kg	KN	long	Width	high	kg
30	1122	198	25	1350	300	350	210
37	1162	211	25	1400	300	350	224
45	1192	221	25	1450	300	350	234
55	1272	248	25	1500	300	350	263
64	1332	268	45	1550	300	350	284
75	1422	298	45	1700	300	350	315
90	1532	335	45	1800	300	350	354
100	1732	352	45	1850	300	350	372
110	1792	372	45	2000	300	350	393
120	1857	394	45	2100	300	350	416
132	1857	394	45	2100	300	350	416
140	1937	421	45	2200	300	350	444
150	1937	421	45	2200	300	350	444
160	2042	456	45	2300	300	350	480
185	2152	493	45	2400	300	350	518

Motor technical information



power P2	L QN10"	net weight kg	thrust KN	Packing box size			weight kg
				long	Width	high	
30	1122	198	25	1350	300	350	210
37	1162	211	25	1400	300	350	224
45	1192	221	25	1450	300	350	234
55	1272	248	25	1500	300	350	263
64	1332	268	45	1550	300	350	284
75	1422	298	45	1700	300	350	315
90	1532	335	45	1800	300	350	354
100	1732	352	45	1850	300	350	372
110	1792	372	45	2000	300	350	393
120	1857	394	45	2100	300	350	416
132	1857	394	45	2100	300	350	416
140	1937	421	45	2200	300	350	444
150	1937	421	45	2200	300	350	444
160	2042	456	45	2300	300	350	480
185	2152	493	45	2400	300	350	518

QN / QM8 NEMA standard series submersible motor

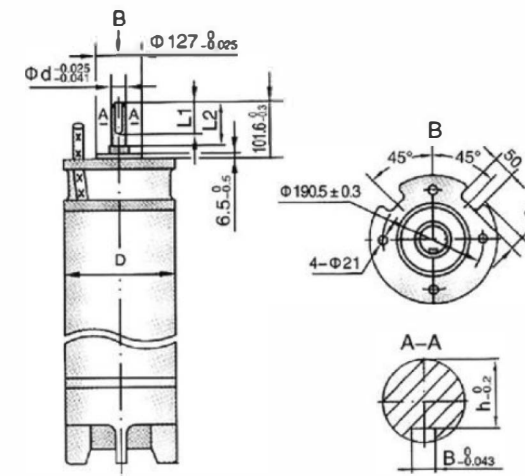


Type	QN/QM8-5.5 ~55KW	QN/QM8-64~110KW
D	$\Phi 184\text{mm}$	$\Phi 192\text{mm}$

Note: The spline parameters: number of teeth 23, pressure angle 30°, pitch 32, tooth root is round, toothed side for 5 tolerance, both the U.S. standard (involute spline and inspection) B92.1 in requirements.



QN / QM10 international general standard series submersible motor



Type	QN/QM10-30~75KW	QN/QM10-90~185KW
L1	62mm	80mm
L2	70mm	90mm
D	$\Phi 236\text{mm}$	$\Phi 236\text{mm}$
d	$\Phi 38\text{mm}$	$\Phi 50\text{mm}$
B	12mm	14mm
h	33mm	44.5mm



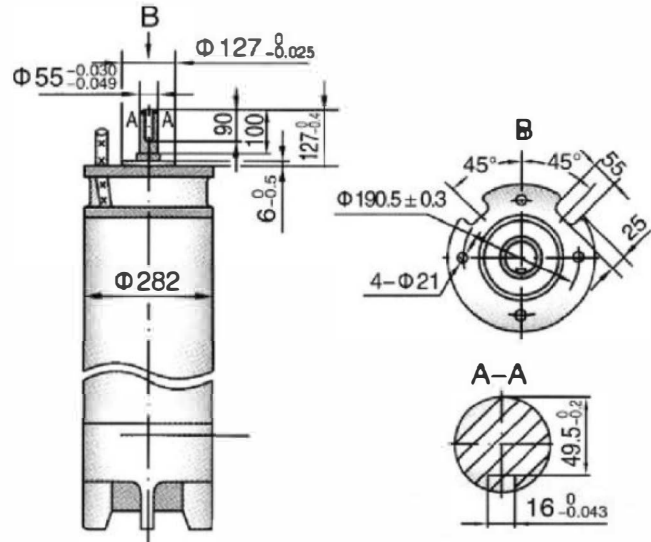
Technical data of QN / QM8 series submersible motor (380 / 660V / 50Hz / 3-phase)

Type	Rated Power		Rated Ampere(A)		Power Factor COS ϕ	Speed R/min	Starting Ampere Rated Ampere
	KW	HP	380V	660V			
QN/QM8-5.5	5.5	7.5	13.2	7.6	0.81	2880	7
QN/QM8-7.5	7.5	10	18	10.4	0.81	2880	7
QN/QM8-9.2	9.2	12.5	21.6	12.4	0.82	2870	7
QN/QM8-11	11	15	25.5	14.7	0.82	2850	7
QN/QM8-15	15	20	33.9	19.5	0.83	2850	7
QN/QM8-18.5	18.5	25	41.6	23.9	0.83	2850	7
QN/QM8-22	22	30	48.5	27.9	0.84	2850	7
QN/QM8-25	25	35	54.5	31.4	0.84	2850	7
QN/QM8-30	30	40	65	38	0.84	2850	7
QN/QM8-37	37	50	80	46	0.84	2850	7
QN/QM8-45	45	60	96	55	0.84	2850	6.5
QN/QM8-55	55	75	118	68	0.84	2850	6.5
QN/QM8-64	64	90	137	79	0.84	2840	6.5
QN/QM8-75	75	100	161	92	0.84	2840	6.5
QN/QM8-90	90	120	192	110	0.84	2840	6.5
QN/QM8-100	100	135	213	123	0.84	2840	6.5
QN/QM8-110	110	150	234	135	0.84	2840	6.5

Technical data of QN / QM10 series submersible motor (380 / 660V / 50Hz / 3-phase)

Type	Rated Power		Rated Ampere(A)		Power Factor COS ϕ	Speed R/min	Starting Ampere Rated Ampere
	KW	HP	380V	660V			
QN/QM10-30	30	40	65	37	0.84	2860	7
QN/QM10-37	37	50	78	45	0.85	2860	7
QN/QM10-45	45	60	94	54	0.85	2860	6.5
QN/QM10-55	55	75	114	66	0.85	2860	6.5
QN/QM10-64	64	90	133	77	0.85	2860	6.5
QN/QM10-75	75	100	154	89	0.86	2860	6.5
QN/QM10-90	90	125	183	105	0.86	2860	6.5
QN/QM10-100	100	135	203	117	0.86	2860	6.5
QN/QM10-110	110	150	221	127	0.87	2860	6.5
QN/QM10-120	120	160	241	139	0.87	2860	6.5
QN/QM10-132	132	180	265	153	0.87	2860	6.5
QN/QM10-140	140	190	281	162	0.87	2860	6.5
QN/QM10-150	150	200	301	173	0.87	2860	6.5
QN/QM10-160	160	215	321	185	0.87	2860	6.5
QN/QM10-185	185	250	371	214	0.87	2860	6.5

QN12 international general standard series submersible motor



Type	QN12-75~250KW	QN12/4-30~150KW
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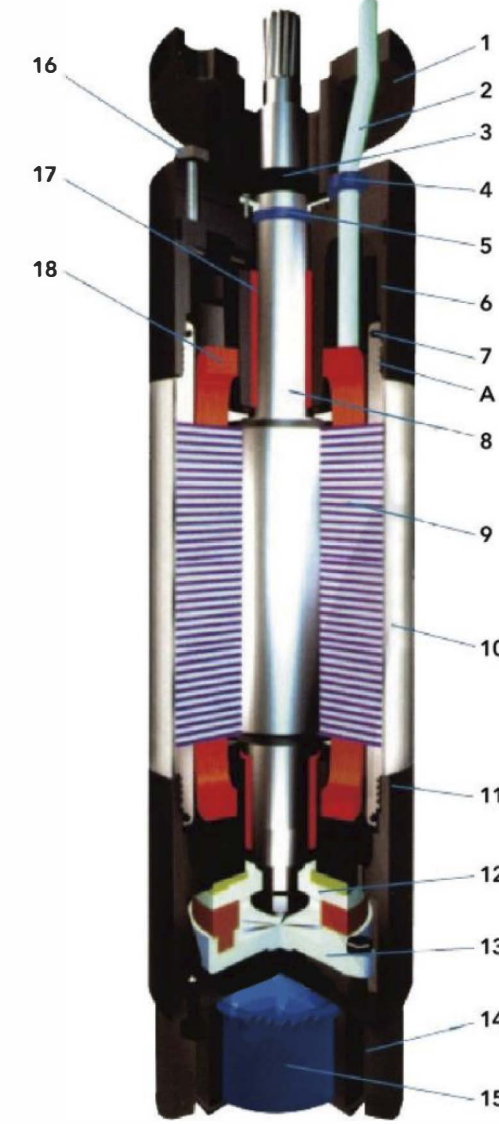
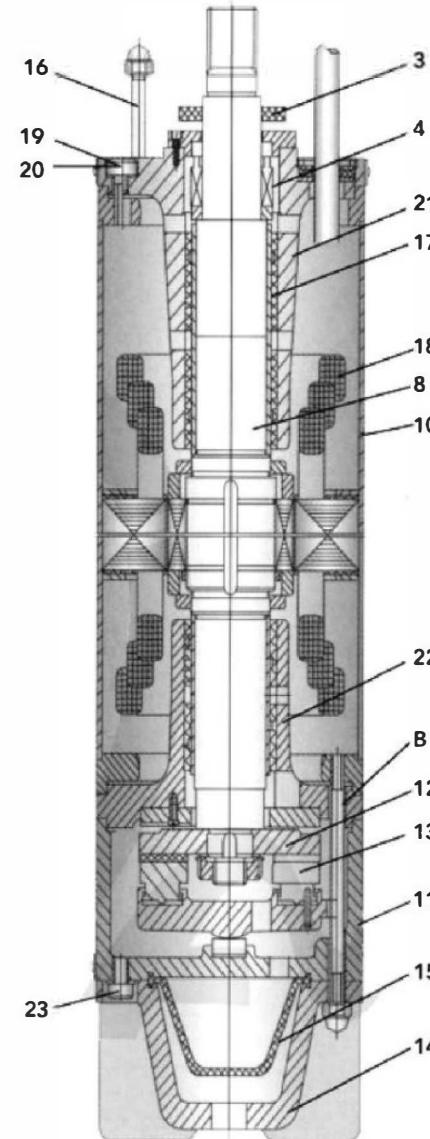


QN12

Technical data of QN12 series submersible motor (380 / 660V / 50Hz / 3-phase)

Type	Rated Power		Rated Ampere(A)		Power Factor COSφ	Speed R/min	Starting Ampere Rated Ampere
	KW	HP	380V	660V			
QN12-75	75	100	154.1	89	0.86	2870	6.5
QN12-90	90	125	184.9	106.8	0.86	2870	6.5
QN12-100	100	135	205.4	118.6	0.86	2870	6.5
QN12-110	110	150	223.4	129	0.86	2870	6.5
QN12-120	120	160	243.7	140.7	0.86	2870	6.5
QN12-140	140	190	277.8	160.4	0.87	2870	6.5
QN12-160	160	215	317.5	183.3	0.87	2870	6.5
QN12-185	185	250	367.1	212	0.87	2870	6.5
QN12-200	200	270	396.9	229.2	0.87	2870	6.5
QN12-220	220	300	436.6	252.1	0.87	2870	6.5
QN12-250	250	335	496.1	286.4	0.87	2870	6.5
QN12/4-30	30	40	71.3	41.1	0.78	1450	6.5
QN12/4-37	37	50	84.7	48.9	0.8	1450	6.5
QN12/4-45	45	60	103	59.5	0.8	1450	6.5
QN12/4-55	55	75	122.8	70.9	0.81	1450	6.5
QN12/4-64	64	85	142.9	82.5	0.81	1450	6.5
QN12/4-75	75	100	167.5	96.7	0.81	1450	6.5
QN12/4-90	90	125	201	116	0.81	1450	6.5
QN12/4-100	100	135	218	125.9	0.82	1450	6.5
QN12/4-110	110	150	239.8	138.4	0.82	1450	6.5
QN12/4-125	125	170	266.1	153.6	0.83	1450	6.5
QN12/4-150	150	200	319.3	184.3	0.83	1450	6.5

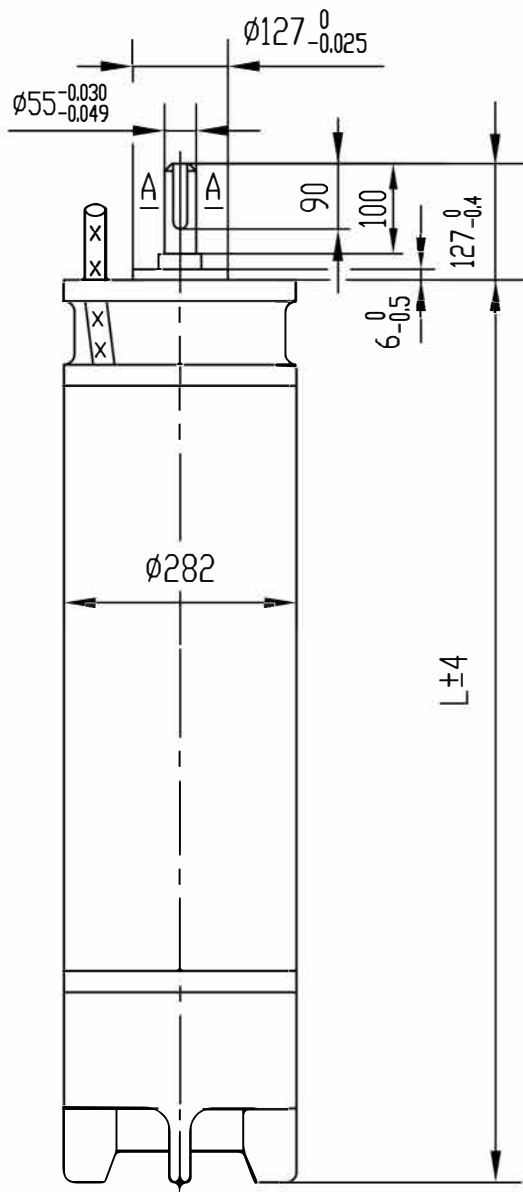
QN/ QM6-QN12 INTERNATIONAL GENERAL STANDARD SERIES SUBMERSIBLE MOTOR



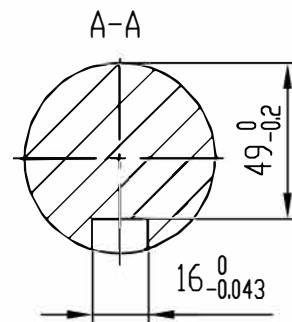
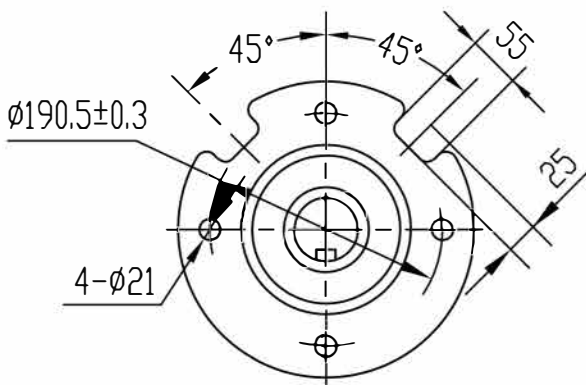
- A. QM series
- B. QN series
- 1. Flange
- 2. Cable
- 3. Sand throwing ring
- 4. Sealing
- 5. Mechanical seal
- 6. Upper guide
- 7. "O" ring
- 8. Rotor
- 9. Stator
- 10. Casing
- 11. Thrust bearing seat
- 12. slide plate
- 13. Thrust bearing
- 14. Base
- 15. Regulating capsule
- 16. Bolt
- 17. Shaft sleeve
- 18. Winding wire
- 19. Water fill hole
- 20. Air drain
- 21. Upper guide bearing
- 22. Lower guide bearing
- 23. Water Drain

Standard axial thrusting force

Type		QN/QM6	QN/QM8	QN/QM10	QN12
Thrusting force(KN)	Min.	15	18	22	45
	Max.	35	60	60	60



power	L
QN12"-75	1514
QN12"-90	1544
QN12"-100	1579
QN12"-110	1634
QN12"-120	1714
QN12"-140	2244
QN12"-150	2294
QN12"-160	2364
QN12"-185	2464
QN12"-200	2514
QN12"-220	2564
QN12"-250	2714
QN12"/4-30	1354
QN12"/4-37	1384
QN12"/4-45	1464
QN12"/4-55	1594
QN12"/4-75	1734
QN12"/4-100	2364
QN12"/4-125	2554
QN12"/4-150	2694



Zhejiang Jinba Pump Industry Co., Ltd
QN12"
Outline
QN12W00-01

6SP



All copper motor



Overheat protection



High lift and large flow

(4 inch motor 6 inch impeller)

6sp all stainless steel submersible pump for well



DESCRIPTOON OF GOODS

NO	MODEL	DESCRIPTION	Voltage	POWER(KW)
1	6SP17-4	4 inch cooper wire motor 6inch impeller	220/380V	2.2
2	6SP17-5		220/380V	3
3	6SP17-6		380V	4
4	6SP17-7		380V	4
5	6SP17-8		380V	5.5
6	6SP17-10		380V	5.5
7	6SP17-12		380V	7.5
8	6SP30-2		220/380V	2.2
9	6SP30-3		220/380V	3
10	6SP30-4		380V	4
11	6SP30-5		380V	5.5
12	6SP30-6		380V	5.5
13	6SP30-7		380V	7.5
14	6SP30-8		380V	7.5
15	6SP46-2		220/380V	3
16	6SP46-3		380V	5.5
17	6SP46-4		380V	7.5
18	6SP46-5		380V	7.5
19	6SP60-2		380V	4
20	6SP60-3		380V	5.5
21	6SP60-4		380V	7.5

6SR



All copper motor



Overheat protection



High lift and large flow

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%.
Maximum immersion: 90m.
Maximum well diameter: 4".

Motor and Pump

Rewindable motor
Single-phase: 220V-240V/50Hz
Three-phase: 380V-415V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
NEMA dimension standards
Curve tolerance according to ISO 9906

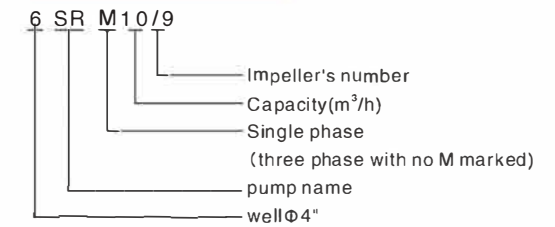
Options on request

Special mechanical seal
Other voltages or frequency 60Hz
Single phase motor with built-in capacitor

Warranty: 1 year

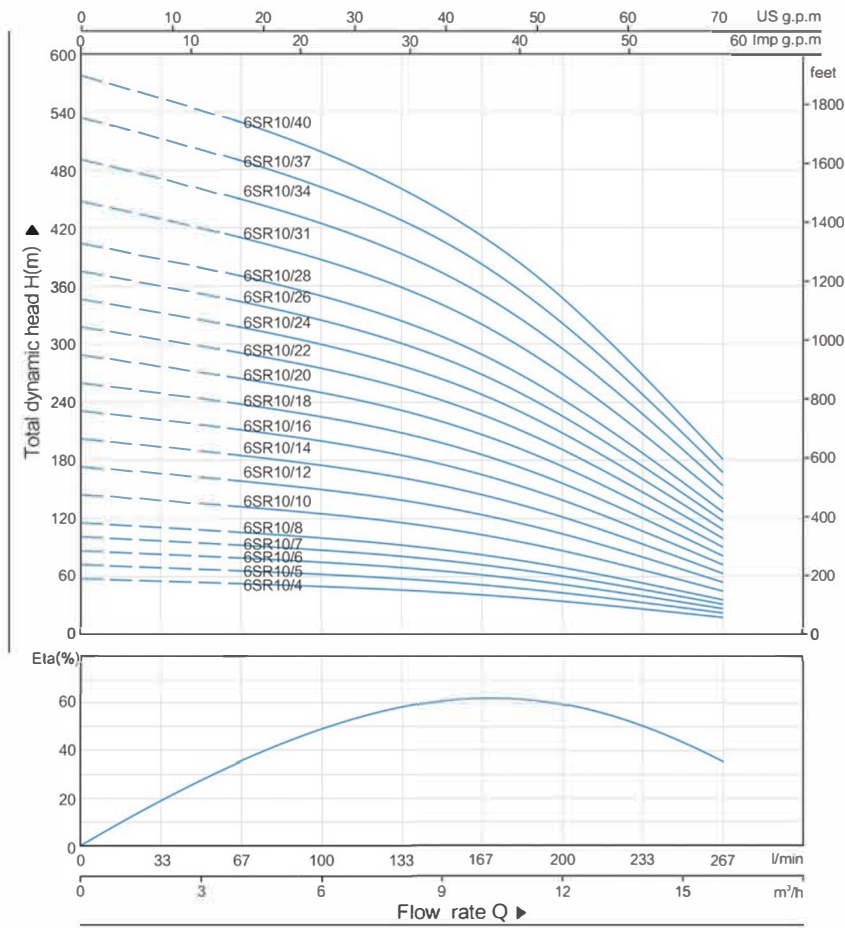
According to our general sales conditions.

Model Description

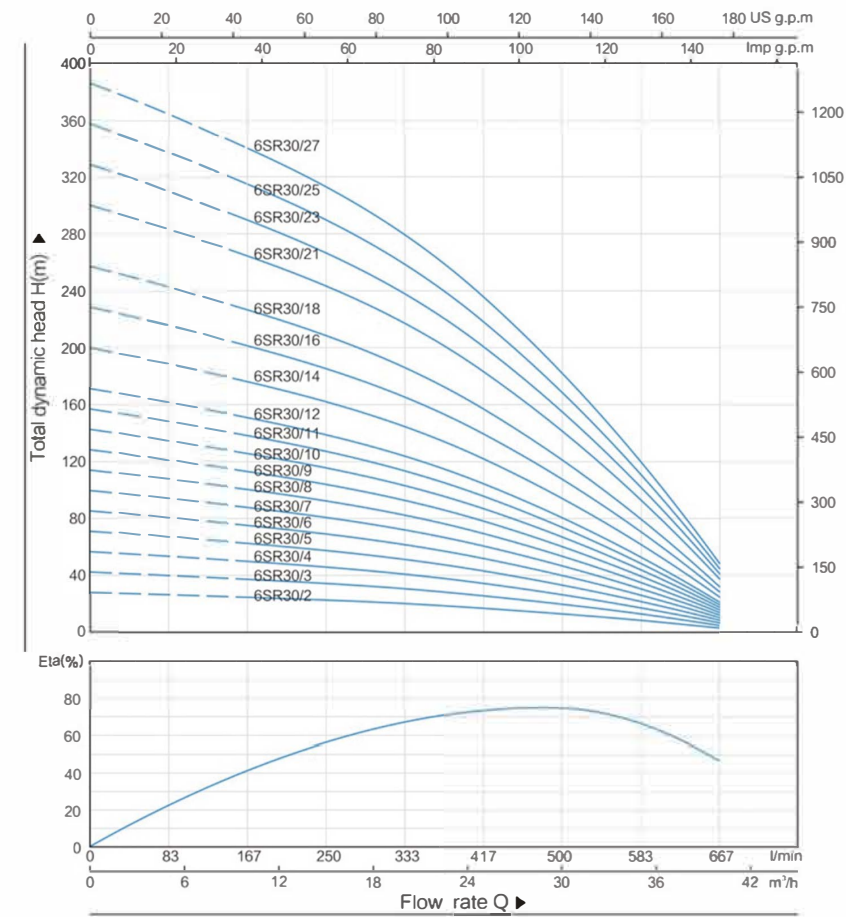


Components	Material
Pump external casing	① AISI304 SS ② AISI 201SS
Outlet	Cast-iron ASTM NO.30
Connection	Cast-iron ASTM NO.30
Diffuser	Plastic.PC&AISI 304 SS
Impeller	① Plastic.POM ② Plastic.PC
Pump shaft	① AISI316 SS ② AISI 304SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-iron ASTM NO.30 ② AISI 304SS
Bottom support	① Cast-iron ASTM NO.30 ② AISI 304SS
Seal	AISI 303 SS -ASTM 5140
Motor shaft	Graphite-Ceramic 7306 & 6206
Bearing	

6SR10



6SR30



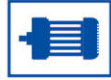
PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY n≈2850r/min																			
1~ 220V/240V	3~ 380V/415V	KW	HP	Q m³/h l/min	0	2	4	6	8	10	12	14	16	H(m)/ outlet(inch) 2.5"3"									
					0	33	67	100	133	167	200	233	267										
6SRM10/4	6SR10/4	2.2	3		58	55	53	50	46	41	35	27	18										
6SRM10/5	6SR10/5	3	4		72	69	66	62	58	52	46	33	23										
6SRM10/6	6SR10/6	4	5.5		87	83	79	75	69	62	52	40	27										
6SRM10/7	6SR10/7	4	5.5		101	97	93	87	81	72	61	47	32										
6SRM10/8	6SR10/8	5.5	7.5		116	111	106	100	93	83	70	54	36										
	6SR10/10	5.5	7.5		145	138	132	125	116	103	87	67	45										
	6SR10/12	7.5	10		173	166	159	150	139	124	104	80	54										
	6SR10/14	7.5	10		202	194	185	175	162	145	122	94	63										
	6SR10/16	9.2	12.5		231	222	212	200	185	165	139	107	72										
	6SR10/18	9.2	12.5		260	249	238	225	208	186	157	121	81										
	6SR10/20	11	15		289	277	264	250	231	206	174	134	90										
	6SR10/22	11	15		318	305	291	275	255	227	191	147	100										
	6SR10/24	13	17.5		347	332	317	300	278	248	209	161	109										
	6SR10/26	15	20		376	360	344	325	301	268	226	174	118										
	6SR10/28	15	20		405	388	370	350	324	289	244	188	127										
	6SR10/31	18.5	25		448	429	410	387	359	320	270	208	140										
	6SR10/34	18.5	25		491	471	450	425	394	351	296	228	154										
	6SR10/37	22	30		535	512	489	463	428	382	322	248	167										
	6SR10/40	22	30		578	554	529	500	463	413	348	268	181										

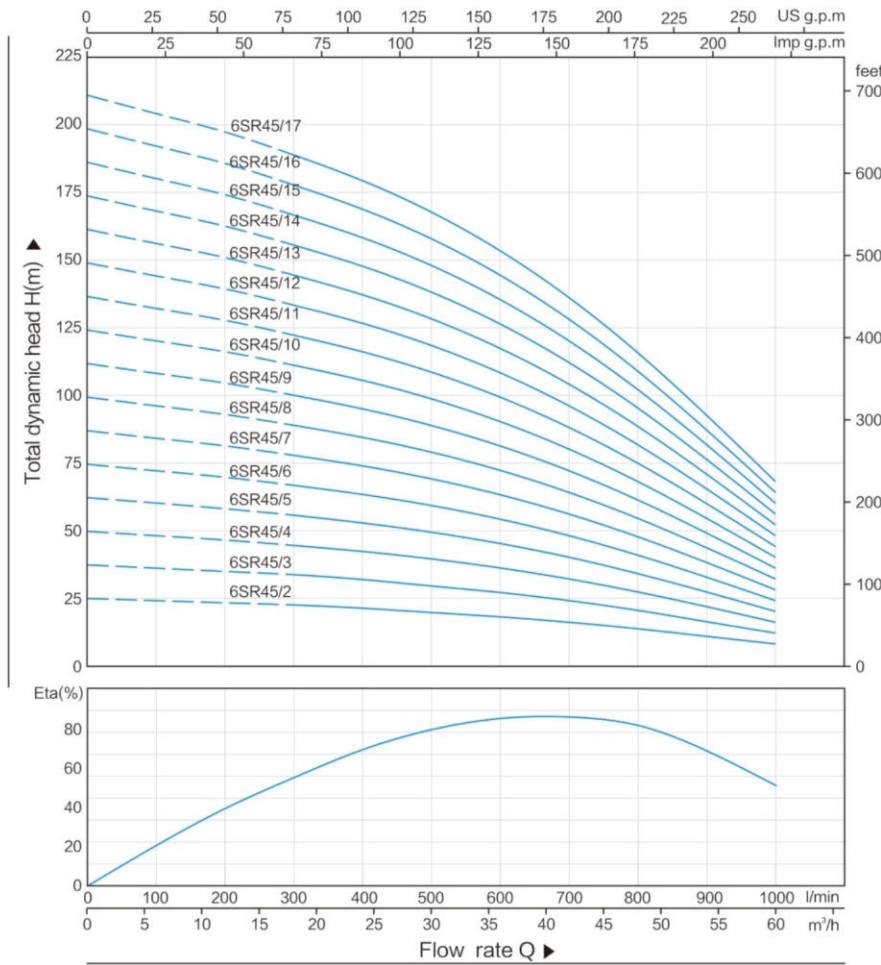
PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY n≈2850r/min																			
1~ 220V/240V	3~ 380V/415V	KW	HP	Q m³/h l/min	0	5	10	15	20	25	30	35	40	H(m)/ outlet(inch) 3"									
					0	83	167	250	333	417	500	583	667										
6SRM30/2	6SR30/2	3	4		29	27	25	23	21	17	14	9	4										
6SRM30/3	6SR30/3	4	5.5		43	41	38	35	31	26	20	14	5										
6SRM30/4	6SR30/4	5.5	7.5		57	54	50	47	42	35	27	18	7										
	6SR30/5	5.5	7.5		71	68	63	58	52	44	34	23	9										
	6SR30/6	7.5	10		86	81	76	70	62	52	41	27	11										
	6SR30/7	7.5	10		100	95	88	81	73	61	47	32	13										
	6SR30/8	9.2	12.5		114	108	101	93	83	70	54	36	15										
	6SR30/9	9.2	12.5		129	122	113	105	94	79	61	41	16										
	6SR30/10	11	15		143	135	126	116	104	87	68	45	18										
	6SR30/11	11	15		157	149	139	128	114	96	75	50	20										
	6SR30/12	13	17.5		172	162	151	140	125	105	81	54	22										
	6SR30/14	15	20		200	189	176	163	146	122	95	63	25										
	6SR30/16	18.5	25		229	216	201	186	167	140	108	72	29										
	6SR30/18	18.5	25		257	243	227	209	187	157	122	81	33										
	6SR30/21	22	30		300	284	264	244	219	184	142	95	38										
	6SR30/23	26	35		329	311	290	267	239	201	156	104	42										
	6SR30/25	30	40		357	338	315	291	260	219	169	113	45										
	6SR30/27	30	40		386	365	340	314	281	236	183	122	49										

6SR45



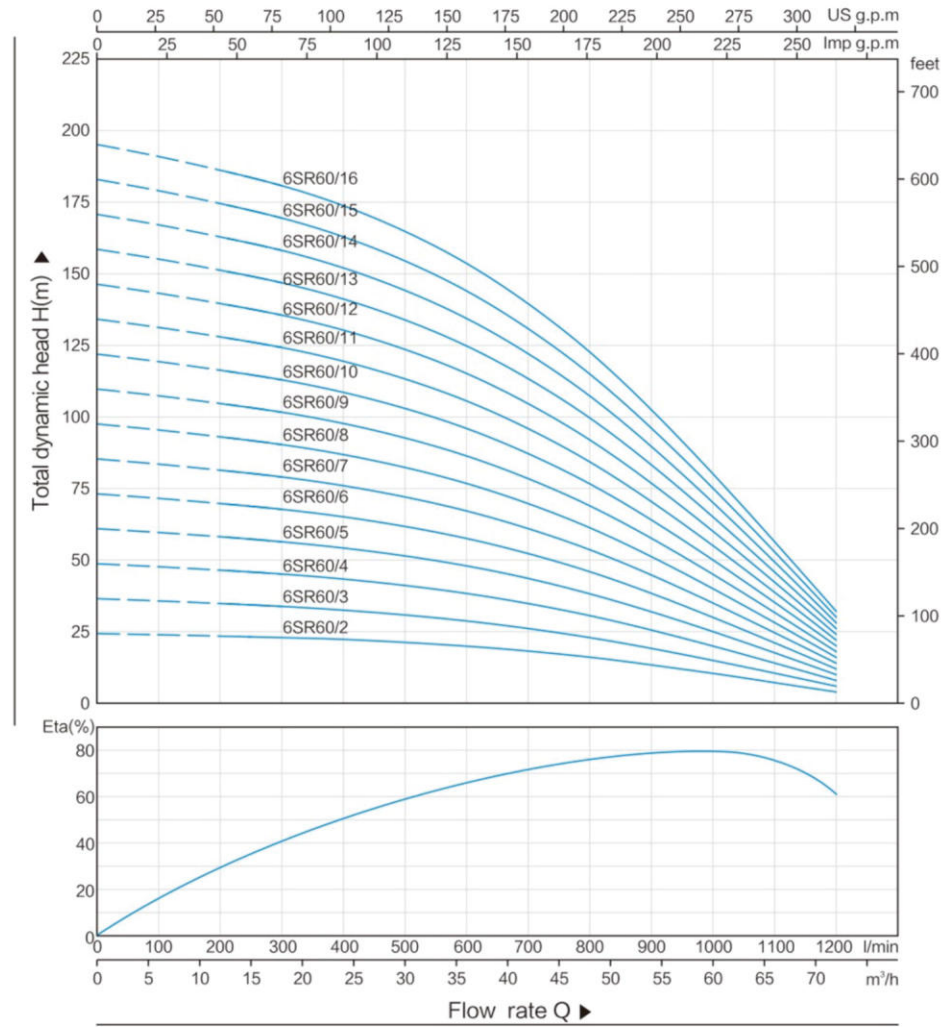
All copper motor Overheat protection High lift and large flow



6SR60



All copper motor Overheat protection High lift and large flow



PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY											
1~220V/240V	3~380V/415V	KW	HP	n≈2850r/min											
				Q	0	6	12	18	24	30	36	42	48	54	60
				m³/h	0	100	200	300	400	500	600	700	800	900	1000
				l/min	0	100	200	300	400	500	600	700	800	900	1000
6SRM45/2	6SR45/2	3	4	H(m)/ outlet(3")	25	24	23	22	21	20	18	16	14	11	8
6SRM45/3	6SR45/3	4	5.5		37	36	35	33	32	30	27	24	20	16	12
6SRM45/4	6SR45/4	5.5	7.5		50	48	46	44	42	39	36	32	27	22	16
	6SR45/5	7.5	10		62	60	58	55	53	49	45	40	34	27	20
	6SR45/6	9.2	12.5		74	72	70	67	63	59	54	48	41	33	24
	6SR45/7	11	15		87	84	81	78	74	69	63	56	48	38	28
	6SR45/8	13	17.5		99	96	93	89	84	79	72	64	54	44	32
	6SR45/9	15	20		112	108	104	100	95	89	81	72	61	49	36
	6SR45/10	18.5	25		124	120	116	111	105	99	90	80	68	54	40
	6SR45/11	18.5	25		136	132	128	122	116	108	99	88	75	60	44
	6SR45/12	22	30		149	144	139	133	126	118	108	96	82	65	48
	6SR45/13	22	30		161	156	151	144	137	128	117	104	88	71	52
	6SR45/14	26	35		174	168	162	155	148	138	126	112	95	76	56
	6SR45/15	26	35		186	180	174	167	158	148	135	120	102	82	60
	6SR45/16	30	40		198	192	186	178	169	158	144	128	109	87	64
	6SR45/17	30	40		211	204	197	189	179	168	153	136	116	93	68

PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY													
1~220V/240V	3~380V/415V	KW	HP	n≈2850r/min													
				Q	0	6	12	18	24	30	36	42	48	54	60	66	72
				m³/h	0	100	200	300	400	500	600	700	800	900	1000	1100	1200
				l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200
6SRM60/2	6SR60/2	4	5.5	H(m)/ outlet(3")	24	24	23	23	22	21	19	17	15	13	10	7	4
6SRM60/3	6SR60/3	5.5	7.5		37	36	35	34	33	31	29	26	23	19	15	11	6
	6SR60/4	7.5	10		49	48	47	45	43	41	38	35	31	26	20	14	8
	6SR60/5	11	15		61	60	58	56	54	51	48	44	38	32	25	18	10
	6SR60/6	13	17.5		73	72	70	68	65	62	58	52	46	38	30	21	12
	6SR60/7	15	20		85	84	81	79	76	72	67	61	54	45	35	25	14
	6SR60/8	18.5	25		98	95	93	90	87	82	77	70	61	51	40	28	16
	6SR60/9	18.5	25		110	107	105	103	98	93	86	78	69	58	45	32	18
	6SR60/10	22	30		122	119	116	113	109	103	96	87	77	64	50	35	20
	6SR60/11	26	35		134	131	128	124	119	113	106	96	84	70	55	39	22
	6SR60/12	26	35		146	143	140	136	130	124	115	105	92	77	60	42	24
	6SR60/13	30	40		159	155	151	147	141	134	125	113	100	83	65	46	26
	6SR60/14	30	40		171	167	163	158	152	144	134	122	107	90	70	49	28
	6SR60/15	37	50		183	179	175	170	163	155	144	131	115	96	75	53	30
	6SR60/16	37	50		195	191	186	181	174	165	154	140	123	102	80	56	32