

AC DEEP WELL PUMP CATALOG

SD series



2SD0.7	01-02
2.5SD1.5	01-02
3SD2	03-06
3SD2.5	03-06
3SD3.5	03-06
3SD4	03-06

4SD series



4SD2	07-08
4SD3	09-10
4SD4	11-12
4SD6	13-14
4SD8	15-16
4SD10	17-18
4SD12	19-20
4SD16	21-22

4SP series



4SP2	23-24
4SP3	25-26
4SP5	27-28
4SP8	29-30
4SP14	31-32

5SR series



5SR8	33-34
5SR12	35-36
5SR20	37-38

6SR series



6SR10	39-40
6SR18	41-42
6SR30	43-44
6SR45	45-46

6SP series



6SP17	47-48
6SP30	49-50
6SP46	51-52
6SP60	53-54

4SK series



4SK	55
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QG series



QG	56
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SPECIAL CONTROL BOX FOR PUMP

57-58

2SD/2.5SD



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%.
2SD maximum well diameter:2".
2.5SD Maximum well diameter:2.5" .

Motor and Pump

Rewindable 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

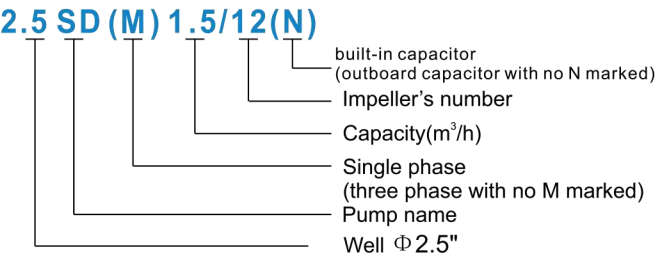
Special mechanical seal
Other voltages or frequency 60 Hz
Single phase motor with built-in capacitor

Warranty: 1 year

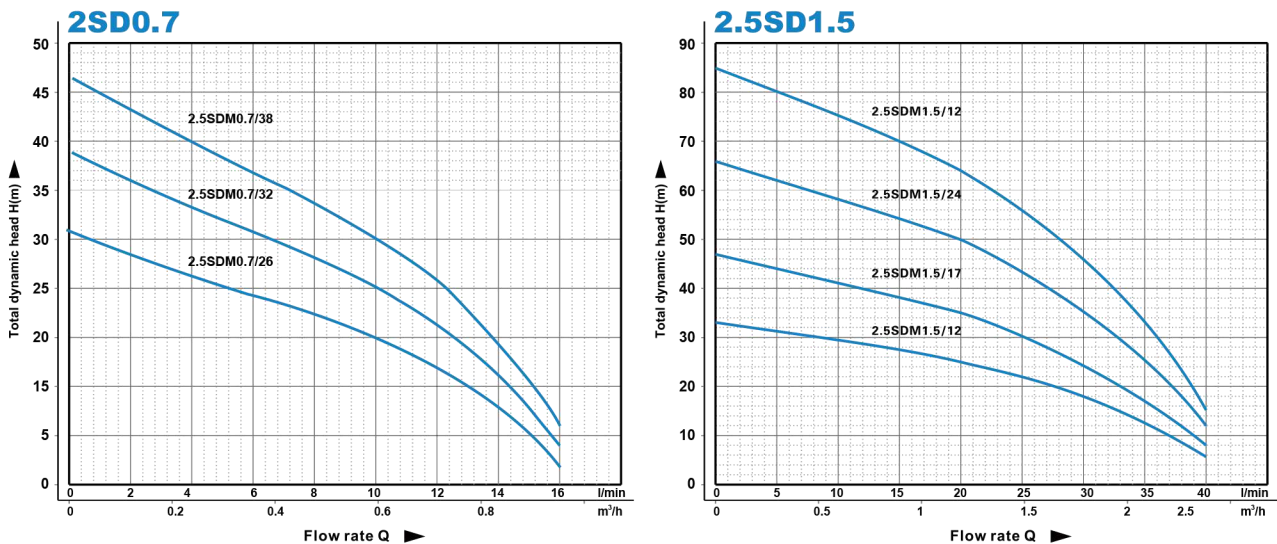
(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500
Suction lantern	①Cast-Cu ASTM C85500
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	①AISI 304 SS
Shaft coupling	①AISI 304 SS
Wear ring	①AISI 304 SS
Motor external casing	AISI 304 SS
Top cover	①Cast-Cu ASTM C85500 ②Cast-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.

Model Instruction



2SD/2.5SD



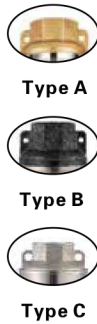
PERFORMANCE DATA 50Hz

Model	Motor power		DN	DELIVERY rpm:2850 r/min										
1~ 220-240V	KW	Hp		Q	m³/h	0	0.12	0.24	0.36	0.48	0.60	0.72	0.84	0.96
					l/min	0	2	4	6	8	10	12	14	16
2SDM0.7/26	0.18	0.25	1/2" 3/4"	H(m)	30	29	27	25	23	21	18	14	8	
2SDM0.7/32	0.25	0.33	1/2" 3/4"		38	36	34	31	29	26	22	17	10	
2SDM0.7/38	0.37	0.5	1/2" 3/4"		45	43	40	37	34	31	26	20	12	

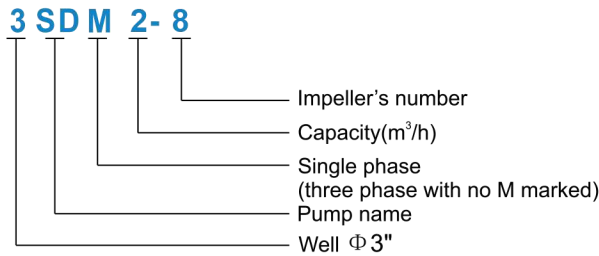
PERFORMANCE DATA 50Hz

Model	Motor power		DN	DELIVERY rpm:2850 r/min										
1~ 220-240V	KW	Hp		Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4
					l/min	0	5	10	15	20	25	30	35	40
2.5SDM1.5/12	0.18	0.25	1"/1 1/4"	H(m)	33	31	29	27	25	21	18	13	6	
2.5SDM1.5/17	0.25	0.33	1"/1 1/4"		47	44	41	38	35	30	26	19	8	
2.5SDM1.5/24	0.37	0.5	1"/1 1/4"		66	62	58	54	50	43	36	26	12	
2.5SDM1.5/31	0.55	0.75	1"/1 1/4"		85	80	75	70	64	55	47	34	15	

3SD



Model Instruction



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

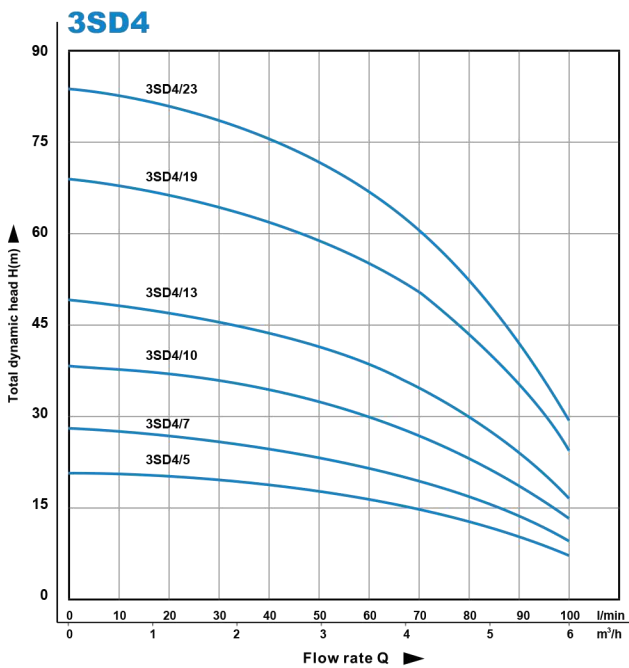
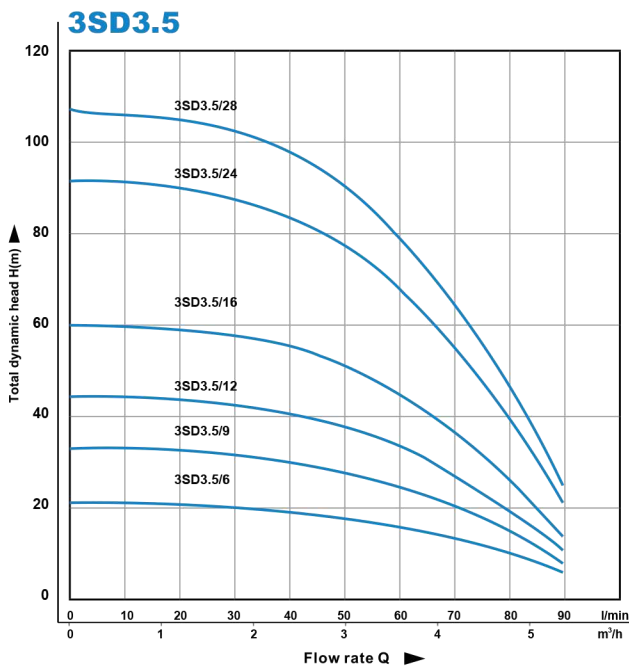
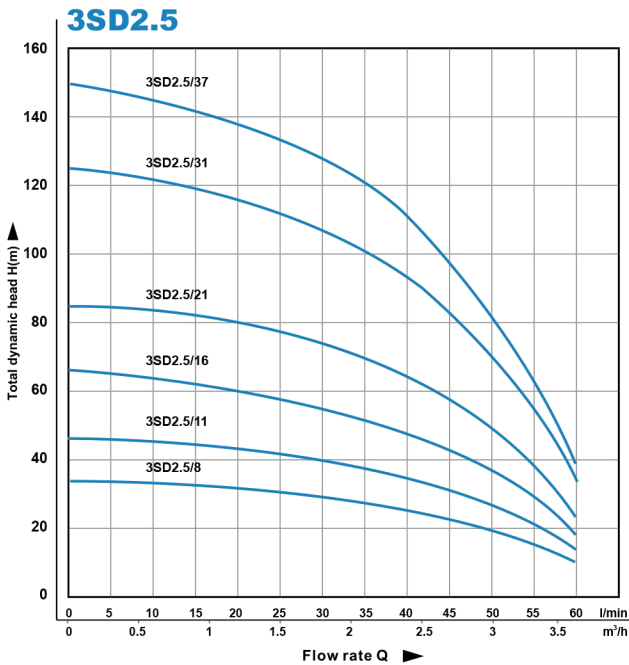
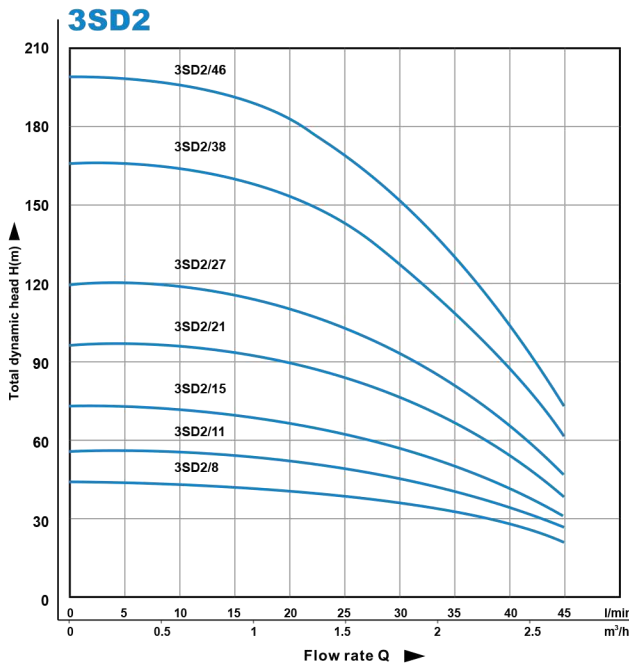
Options on request

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

Warranty: 1 year

(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Suction lantern	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
Motor external casing	AISI 304 SS
Top cover	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



PERFORMANCE DATA 50Hz

Model		Motor power		DN	DELIVERY											
1~ 220-240V	3~3 80-415V	KW	Hp		rpm:2850 r/min											
					Q	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
3SDM2/8	3SD2/8	0.18	0.25	1" / 1¼"	H(m)		35	34	34	33	32	29	26	22	17	11
3SDM2/11	3SD2/11	0.25	0.33	1" / 1¼"			48	47	47	46	44	40	36	30	24	15
3SDM2/15	3SD2/15	0.37	0.5	1" / 1¼"			65	64	64	63	60	55	49	41	33	21
3SDM2/21	3SD2/21	0.55	0.75	1" / 1¼"			91	90	90	88	84	77	68	58	46	29
3SDM2/27	3SD2/27	0.75	1	1" / 1¼"			117	116	115	113	107	99	88	75	59	38
3SDM2/38	3SD2/38	1.1	1.5	1" / 1¼"			164	163	163	158	151	139	124	105	82	53
3SDM2/46	3SD2/46	1.5	2	1" / 1¼"			199	198	197	192	183	168	150	127	100	65

PERFORMANCE DATA 50Hz

Model		Motor power		DN	DELIVERY												rpm:2850 r/min					
1~ 220-240V	3~ 380-415V	KW	Hp		Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6			
						l/min	0	5	10	15	20	25	30	35	40	45	50	55	60			
3SDM2.5/8	3SD2.5/8	0.25	0.33	1" / 1¼"	H(m)	32	32	31	30	30	29	27	26	24	21	18	13	8				
3SDM2.5/11	3SD2.5/11	0.37	0.5	1" / 1¼"		44	43	43	42	41	39	37	35	32	29	24	18	11				
3SDM2.5/16	3SD2.5/16	0.55	0.75	1" / 1¼"		64	63	62	61	59	57	54	51	47	42	35	27	16				
3SDM2.5/21	3SD2.5/21	0.75	1	1" / 1¼"		84	83	82	80	78	75	72	68	62	56	46	35	21				
3SDM2.5/31	3SD2.5/31	1.1	1.5	1" / 1¼"		124	122	121	118	115	111	106	100	91	82	68	52	31				
3SDM2.5/37	3SD2.5/37	1.5	2	1" / 1¼"		148	146	144	141	137	132	126	119	109	98	81	62	37				

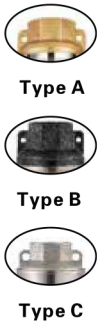
PERFORMANCE DATA 50Hz

Model		Motor power		DN	DELIVERY rpm:2850 r/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	5.4
						l/min	0	10	20	30	40	50	60	70	80	90
3SDM3.5/6	3SD3.5/6	0.25	0.33	1" / 1¼"	H(m)	23	23	23	22	21	20	17	14	10	5	
3SDM3.5/9	3SD3.5/9	0.37	0.5	1" / 1¼"		35	34	34	33	32	29	26	21	15	8	
3SDM3.5/12	3SD3.5/12	0.55	0.75	1" / 1¼"		46	46	45	45	42	39	34	28	20	11	
3SDM3.5/16	3SD3.5/16	0.75	1	1" / 1¼"		62	61	61	59	57	52	46	37	26	14	
3SDM3.5/24	3SD3.5/24	1.1	1.5	1" / 1¼"		93	92	91	89	85	78	69	56	39	21	
3SDM3.5/28	3SD3.5/28	1.5	2	1" / 1¼"		108	107	106	104	99	91	80	65	46	25	
						122	121	120	118	113	104	91	75	53	30	16

PERFORMANCE DATA 50Hz

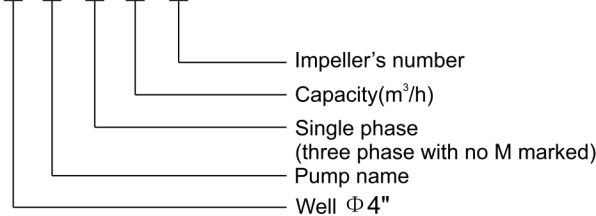
Model		Motor power		DN	DELIVERY												rpm:2850 r/min					
1~ 220-240V	3~ 380-415V	KW	Hp		Q	m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0					
						l/min	0	10	20	30	40	50	60	70	80	90	100					
3SDM4/5	3SD4/5	0.25	0.33	1" / 1¼"	H(m)	18	18	18	17	17	16	15	13	11	9	6						
3SDM4/7	3SD4/7	0.37	0.5	1" / 1¼"		26	25	25	24	23	22	20	18	16	12	9						
3SDM4/10	3SD4/10	0.55	0.75	1" / 1¼"		37	36	35	34	33	31	29	26	22	17	12						
3SDM4/13	3SD4/13	0.75	1	1" / 1¼"		48	47	46	45	43	41	38	34	29	23	16						
3SDM4/19	3SD4/19	1.1	1.5	1" / 1¼"		70	69	67	65	63	59	55	50	42	33	23						
3SDM4/23	3SD4/23	1.5	2	1" / 1¼"		85	83	81	79	76	72	67	60	51	40	28						
						99	97	95	93	89	84	77	68	56	44	30						

4SD2



Model Instruction

4SDM2-7



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

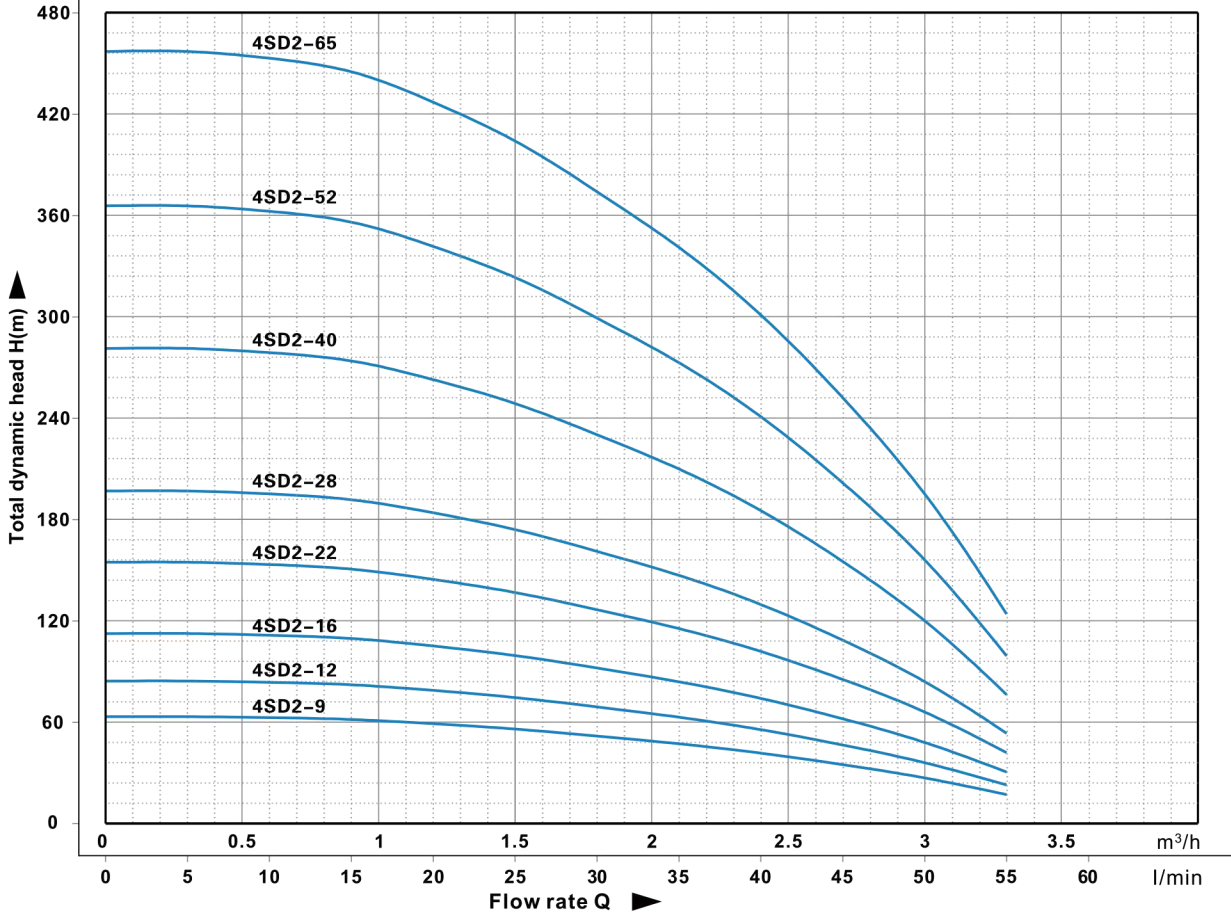
Special mechanical seal
Other voltages or frequency 60 Hz
Single phase motor with built-in capacitor

Warranty: 1 year

(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Suction lantern	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
Motor external casing	AISI 304 SS
Top cover	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

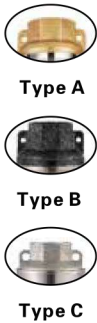
4SD2



PERFORMANCE DATA 50Hz

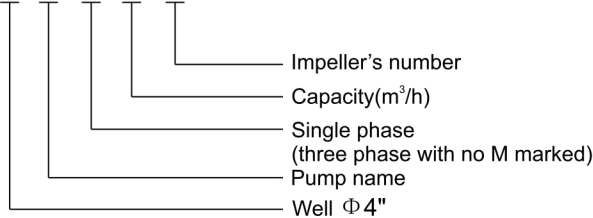
Model		Motor power		DN	DELIVERY rpm:2850 r/min													
1~ 220-240V	3~ 380-415V	KW	Hp		Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3
						l/min	0	5	10	15	20	25	30	35	40	45	50	55
4SDM2-9	4SD2-9	0.37	0.5	1¼" 1½"	H(m)	63	63	63	62	59	56	52	47	42	35	27	17	
4SDM2-12	4SD2-12	0.55	0.75	1¼" 1½"		84	84	84	82	79	75	69	63	56	47	36	23	
4SDM2-16	4SD2-16	0.75	1	1¼" 1½"		112	112	112	110	105	99	92	84	74	62	48	31	
4SDM2-22	4SDM2-2	1.1	1.5	1¼" 1½"		155	155	153	151	145	137	127	115	102	85	66	42	
4SDM2-28	4SD2-28	1.5	2	1¼" 1½"		197	197	195	192	184	174	161	147	130	109	84	53	
4SDM2-40	4SD2-40	2.2	3	1¼" 1½"		281	281	279	274	263	249	230	210	185	155	120	76	
-	4SD2-52	3	4	1¼" 1½"		366	366	362	356	342	323	299	273	241	202	156	99	
-	4SD2-65	4	5.5	1¼" 1½"		457	457	453	445	427	404	374	341	301	252	195	124	

4SD3



Model Instruction

4 S D M 3 - 7



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℃.
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

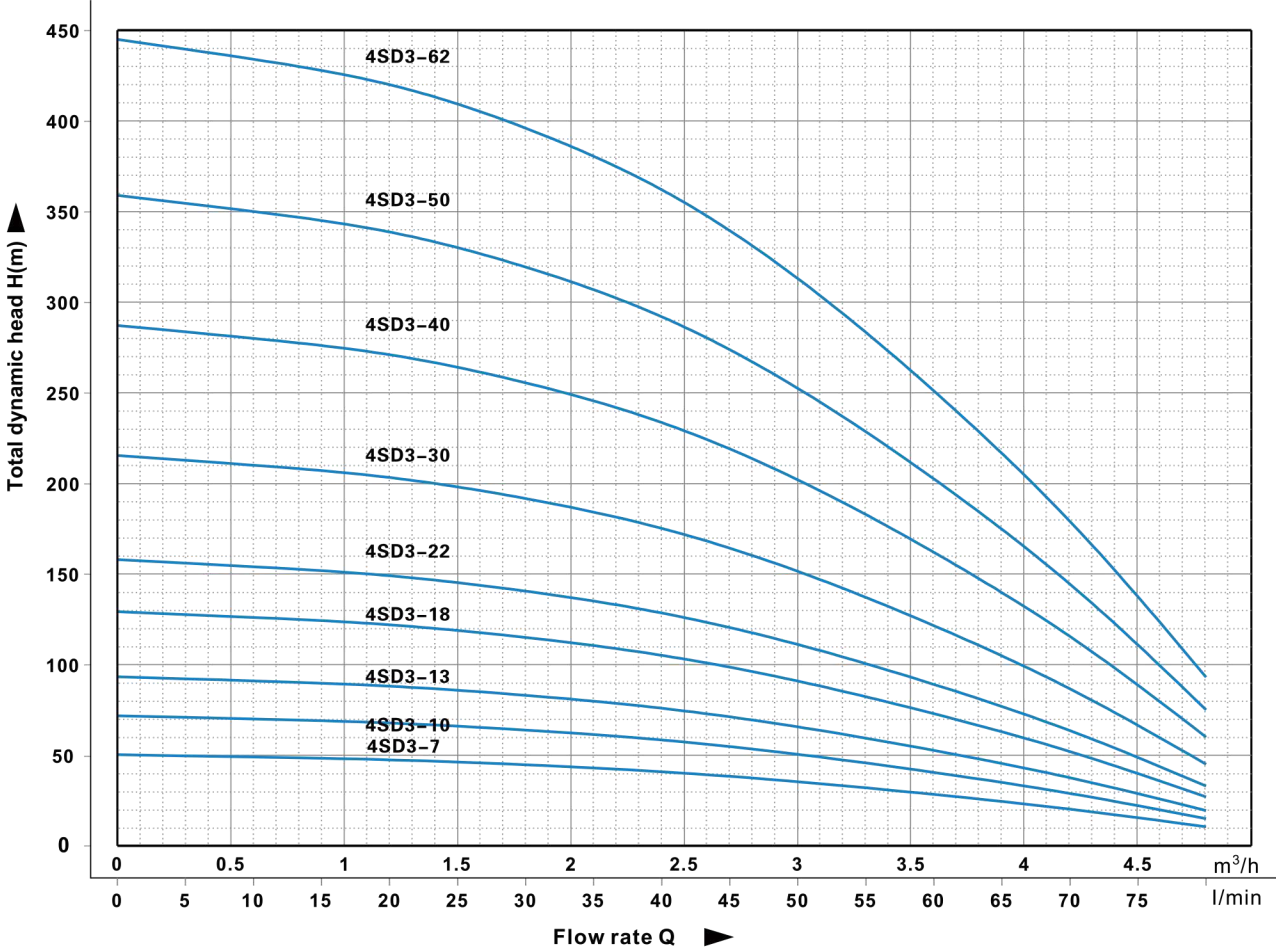
Special mechanical seal
Other voltages or frequency 60 Hz
Single phase motor with built-in capacitor

Warranty: 1 year

(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Suction lantern	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
Motor external casing	AISI 304 SS
Top cover	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

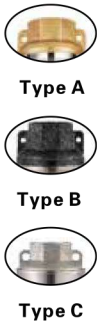
4SD3



PERFORMANCE DATA 50Hz

Model		Motor power		DN	DELIVERY rpm:2850 r/min										
1~ 220-240V	3~ 380-415V	KW	Hp		Q	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
						l/min	0	10	20	30	40	50	60	70	80
4SDM3-7	4SD3-7	0.37	0.5	1 1/4" 1 1/2"	H(m)	50	49	47	45	41	35	28	20	10	
4SDM3-10	4SD3-10	0.55	0.75	1 1/4" 1 1/2"		72	70	68	64	58	50	40	28	14	
4SDM3-13	4SD3-13	0.75	1	1 1/4" 1 1/2"		93	91	88	83	76	66	53	36	18	
4SDM3-18	4SD3-18	1.1	1.5	1 1/4" 1 1/2"		129	126	122	115	105	91	73	50	25	
4SDM3-22	4SD3-22	1.5	2	1 1/4" 1 1/2"		158	154	149	141	128	111	89	62	31	
4SDM3-30	4SD3-30	2.2	3	1 1/4" 1 1/2"		215	210	203	192	175	151	121	84	42	
-	4SD3-40	3	4	1 1/4" 1 1/2"		287	280	271	255	234	202	162	112	56	
-	4SD3-50	4	5.5	1 1/4" 1 1/2"		359	350	339	319	292	252	202	140	70	
-	4SD3-62	5.5	7.5	1 1/4" 1 1/2"		445	434	420	396	362	313	251	174	87	

4SD4



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℃.
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

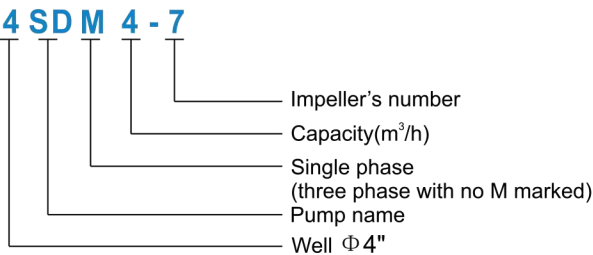
Special mechanical seal
Other voltages or frequency 60 Hz
Single phase motor with built-in capacitor

Warranty: 1 year

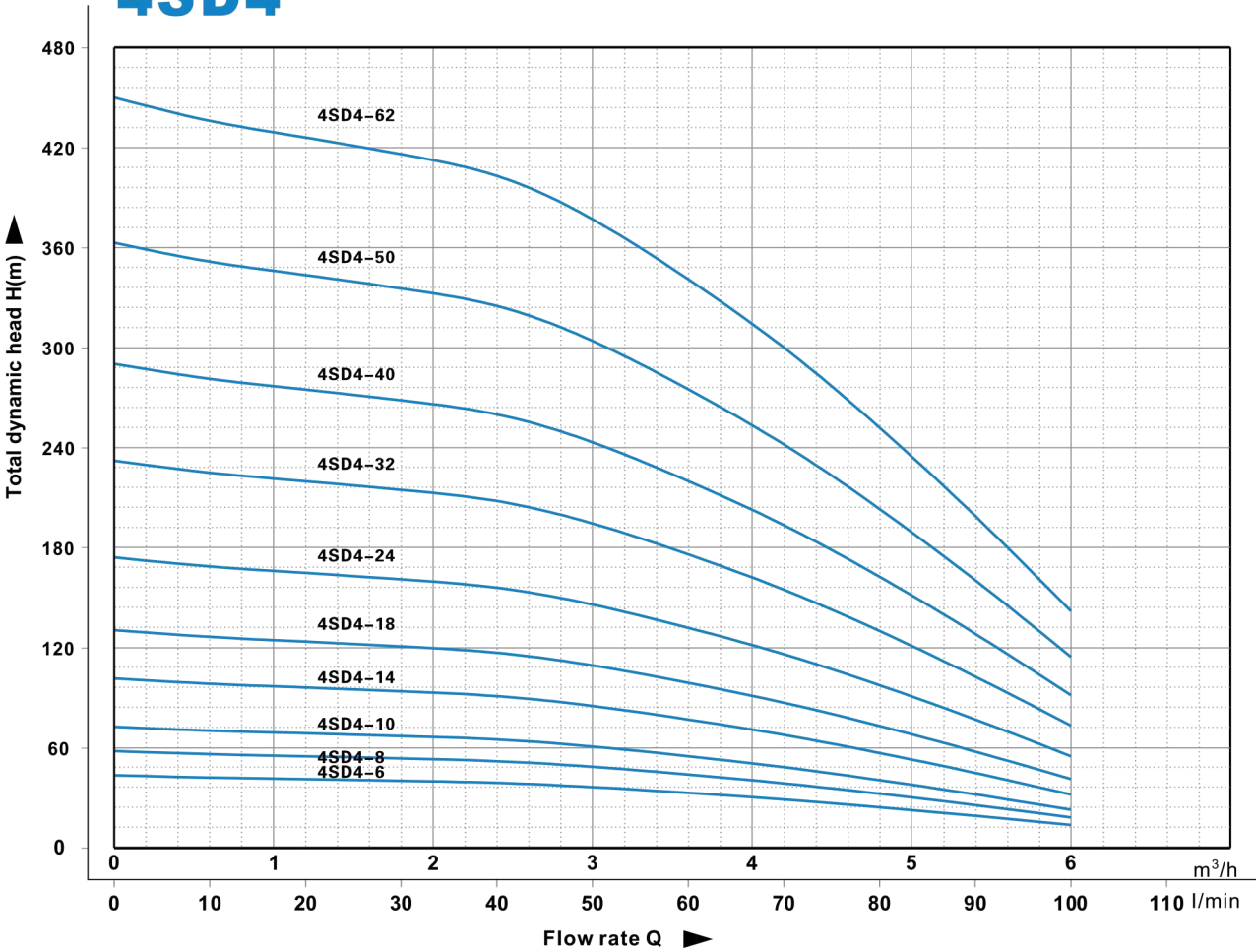
(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Suction lantern	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
Motor external casing	AISI 304 SS
Top cover	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

Model Instruction



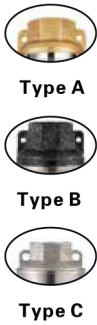
4SD4



PERFORMANCE DATA 50Hz

Model		Motor power		DN	DELIVERY rpm:2850 r/min												
1~ 220-240V	3~ 380-415V	KW	Hp		Q	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
						l/min	0	10	20	30	40	50	60	70	80	90	100
4SDM4-6	4SD4-6	0.37	0.5	1 1/4" 1 1/2"	H(m)	44	42	41	40	39	36	33	29	24	19	14	
4SDM4-8	4SD4-8	0.55	0.75	1 1/4" 1 1/2"		58	56	55	54	52	49	44	39	33	26	18	
4SDM4-10	4SD4-10	0.75	1	1 1/4" 1 1/2"		73	70	69	67	65	61	55	48	41	32	23	
4SDM4-14	4SD4-14	1.1	1.5	1 1/4" 1 1/2"		102	98	96	94	91	85	77	68	57	45	32	
4SDM4-18	4SD4-18	1.5	2	1 1/4" 1 1/2"		131	127	124	121	117	109	99	87	73	58	41	
4SDM4-24	4SD4-24	2.2	3	1 1/4" 1 1/2"		174	169	165	161	156	146	132	116	98	77	55	
-	4SD4-32	3	4	1 1/4" 1 1/2"		232	225	220	215	208	195	176	155	130	103	73	
-	4SD4-40	4	5.5	1 1/4" 1 1/2"		290	281	275	268	260	243	220	194	163	128	92	
-	4SD4-50	5.5	7.5	1 1/4" 1 1/2"		363	352	344	335	325	304	275	242	203	160	115	
-	4SD4-62	7.5	10	1 1/4" 1 1/2"		450	436	426	416	403	377	341	300	252	199	142	

4SD6



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

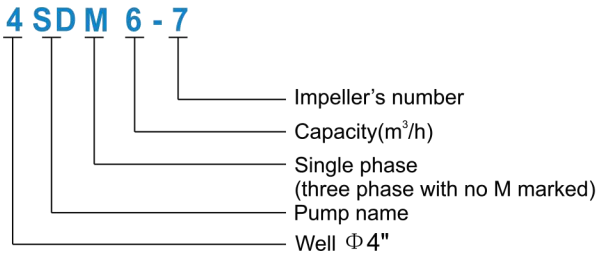
Special mechanical seal
Other voltages or frequency 60 Hz
Single phase motor with built-in capacitor

Warranty: 1 year

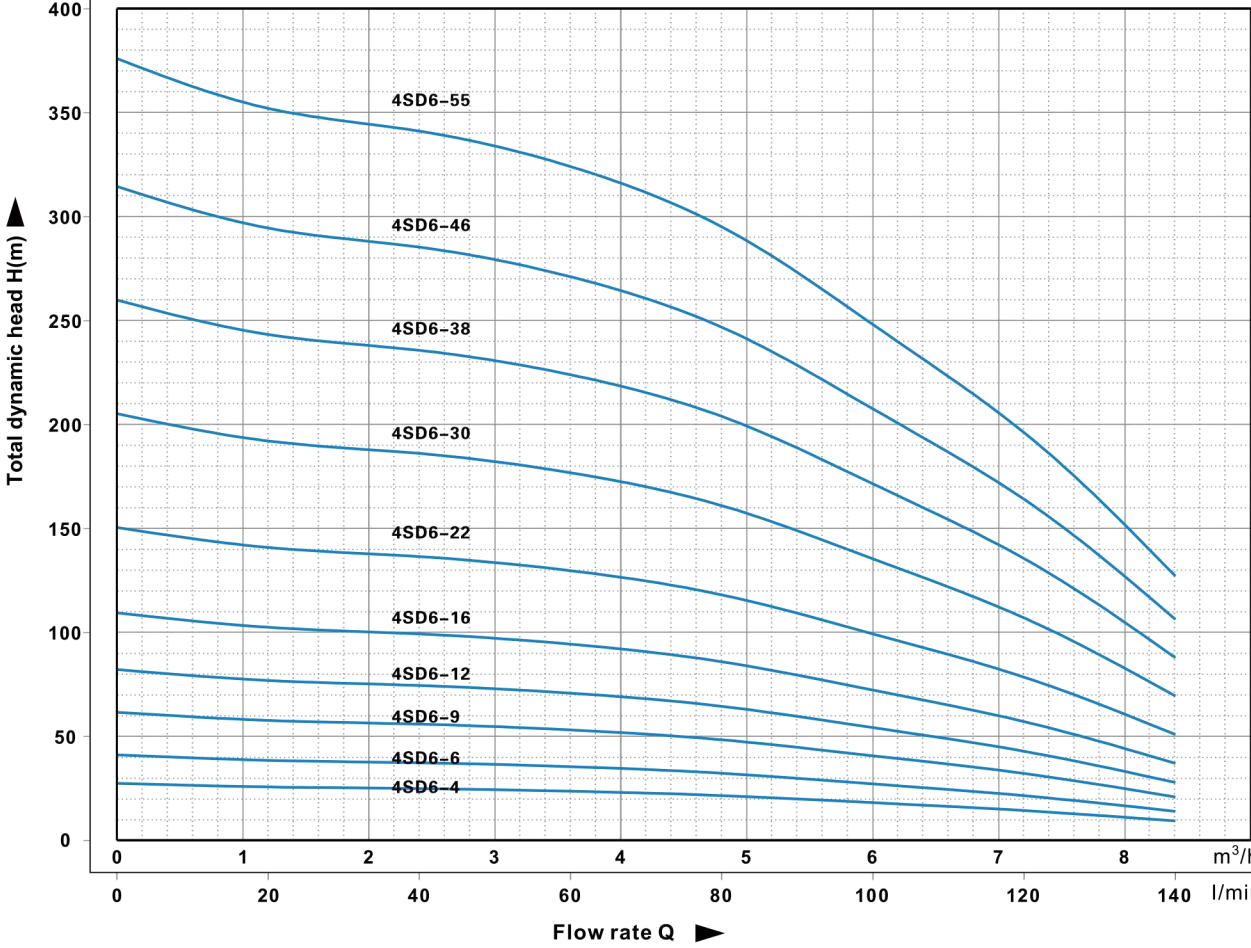
(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Suction lantern	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
Motor external casing	AISI 304 SS
Top cover	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

Model Instruction



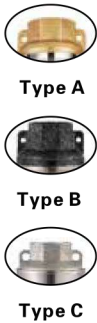
4SD6



PERFORMANCE DATA 50Hz

Model		Motor power		DN	DELIVERY rpm:2850 r/min									
1~ 220-240V	3~ 380-415V	KW	Hp		Q	m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4
						l/min	0	20	40	60	80	100	120	140
4SDM6-4	4SD6-4	0.37	0.5	1 1/4" 1 1/2" 2"	H(m)	26	25	23	21	19	15	10	5	
4SDM6-6	4SD6-6	0.55	0.75	1 1/4" 1 1/2" 2"		39	37	34	32	28	22	15	7	
4SDM6-9	4SD6-9	0.75	1	1 1/4" 1 1/2" 2"		59	56	51	47	42	33	23	10	
4SDM6-12	4SD6-12	1.1	1.5	1 1/4" 1 1/2" 2"		79	74	69	63	57	45	30	14	
4SDM6-16	4SD6-16	1.5	2	1 1/4" 1 1/2" 2"		105	99	91	84	75	59	40	18	
4SDM6-22	4SD6-22	2.2	3	1 1/4" 1 1/2" 2"		144	136	126	116	104	82	55	25	
-	4SD6-30	3	4	1 1/4" 1 1/2" 2"		197	186	171	158	141	111	75	34	
-	4SD6-38	4	5.5	1 1/4" 1 1/2" 2"		249	236	217	200	179	141	95	43	
-	4SD6-46	5.5	7.5	1 1/4" 1 1/2" 2"		302	285	263	243	217	171	115	52	
-	4SD6-55	7.5	10	1 1/4" 1 1/2" 2"		361	341	314	290	259	204	138	62	

4SD8



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℃.
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

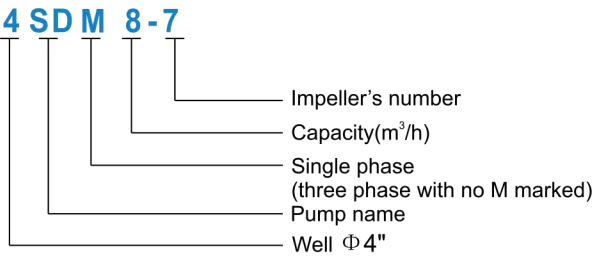
Special mechanical seal
Other voltages or frequency 60 Hz
Single phase motor with built-in capacitor

Warranty: 1 year

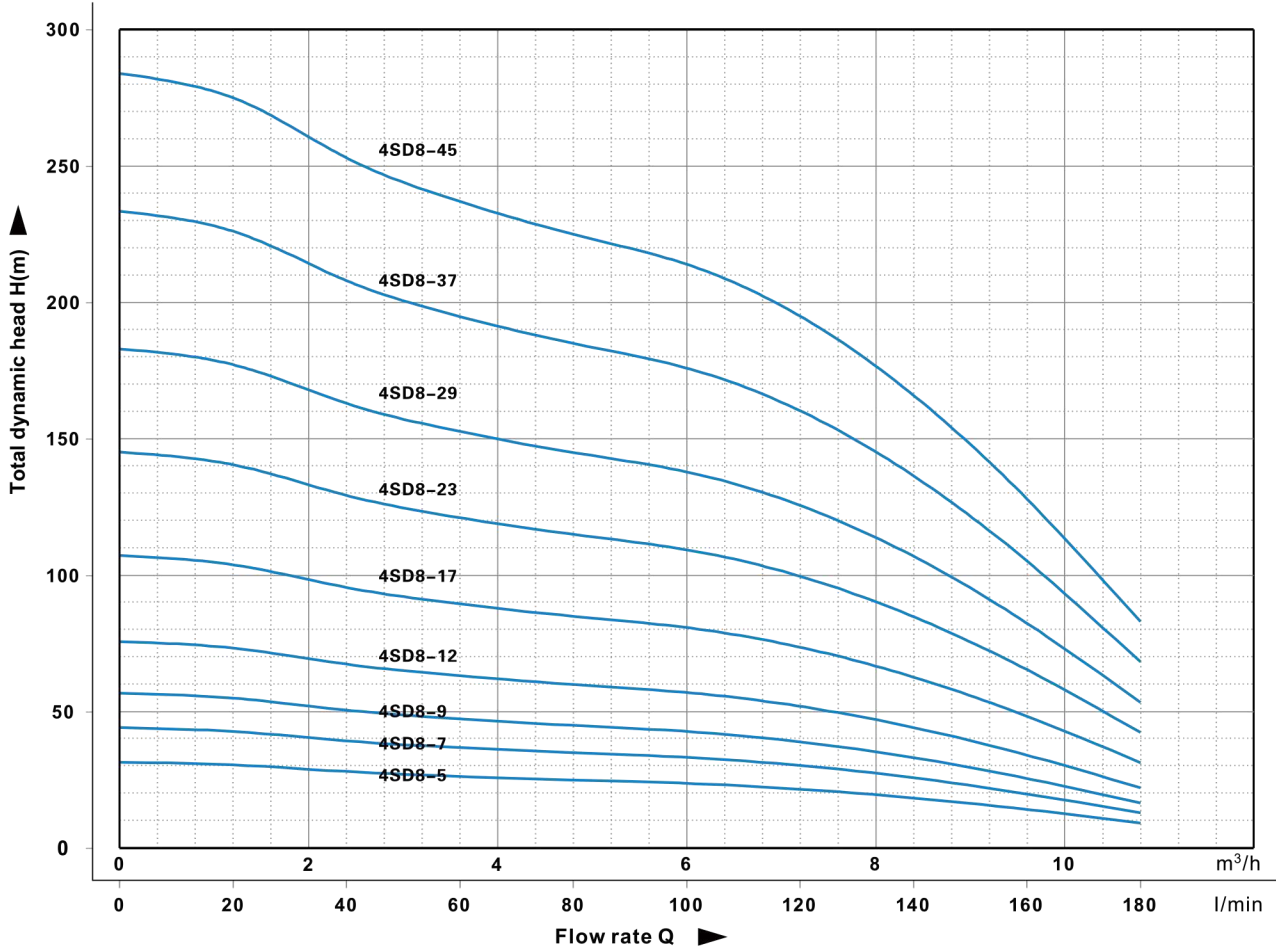
(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Suction lantern	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
Motor external casing	AISI 304 SS
Top cover	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

Model Instruction



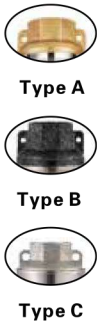
4SD8



PERFORMANCE DATA 50Hz

Model		Motor power		DN	DELIVERY										rpm:2850 r/min			
1~ 220-240V	3~ 380-415V	KW	Hp		Q	m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8		
						l/min	0	20	40	60	80	100	120	140	160	180		
4SDM8-5	4SD8-5	0.55	0.75	1 1/4" 1 1/2" 2"	H(m)	32	31	28	26	25	24	22	18	14	9			
4SDM8-7	4SD8-7	0.75	1	1 1/4" 1 1/2" 2"		44	43	39	37	35	33	30	26	20	13			
4SDM8-9	4SD8-9	1.1	1.5	1 1/4" 1 1/2" 2"		57	55	51	47	45	43	39	33	26	17			
4SDM8-12	4SD8-12	1.5	2	1 1/4" 1 1/2" 2"		76	73	67	63	60	57	52	44	34	22			
4SDM8-17	4SD8-17	2.2	3	1 1/4" 1 1/2" 2"		107	104	96	90	85	81	74	63	48	31			
-	4SD8-23	3	4	1 1/4" 1 1/2" 2"		145	141	129	121	115	109	100	85	65	42			
-	4SD8-29	4	5.5	1 1/4" 1 1/2" 2"		183	177	163	153	145	138	126	107	82	53			
-	4SD8-37	5.5	7.5	1 1/4" 1 1/2" 2"		234	226	208	195	185	176	160	136	105	68			
-	4SD6-45	7.5	10	1 1/4" 1 1/2" 2"		284	275	253	237	225	214	195	166	128	83			
-	4SD8-45	7.5	10	1 1/4" 1 1/2" 2"		284	275	253	237	225	214	195	166	128	83			

4SD10



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

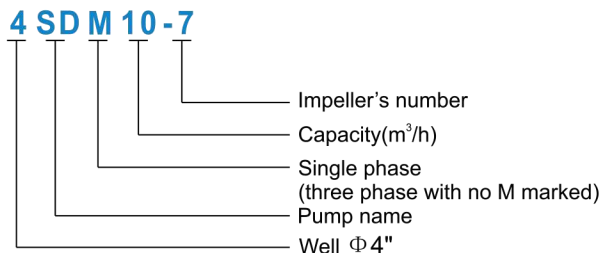
Special mechanical seal
Other voltages or frequency 60 Hz
Single phase motor with built-in capacitor

Warranty: 1 year

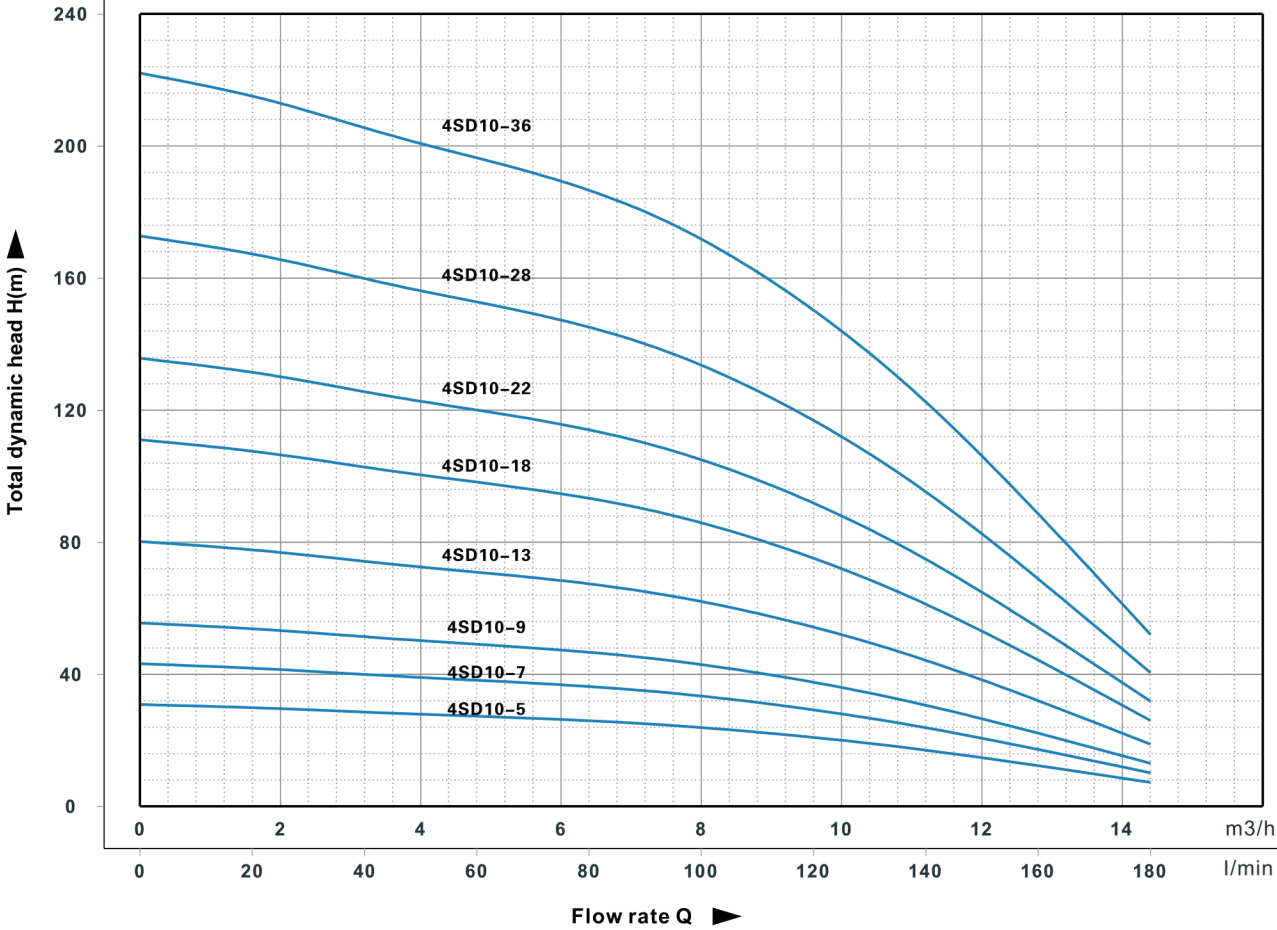
(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Suction lantern	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
Motor external casing	AISI 304 SS
Top cover	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

Model Instruction



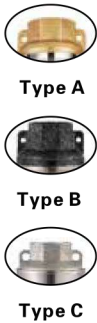
4SD10



PERFORMANCE DATA 50Hz

Model		Motor power		DN	DELIVERY rpm:2850 r/min										
1~ 220-240V	3~ 380-415V	KW	Hp		Q	m³/h	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4
						l/min	0	30	60	90	120	150	180	210	240
4SDM10-5	4SD10-5	0.75	1	1½" 2"	H(m)	31	30	28	27	25	22	18	13	7	
4SDM10-7	4SD10-7	1.1	1.5	1½" 2"		43	42	39	38	35	31	25	18	10	
4SDM10-9	4SD10-9	1.5	2	1½" 2"		56	54	51	48	45	40	33	23	13	
4SDM10-13	4SD10-13	2.2	3	1½" 2"		80	77	73	70	65	57	47	34	19	
-	4SD10-18	3	4	1½" 2"		112	108	101	97	90	79	65	46	25	
-	4SD10-22	4	5.5	1½" 2"		136	132	123	119	110	97	79	57	31	
-	4SD10-28	5.5	7.5	1½" 2"		174	168	157	151	140	123	101	72	39	
-	4SD10-36	7.5	10	1½" 2"		223	216	202	191	180	158	130	93	50	

4SD12



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

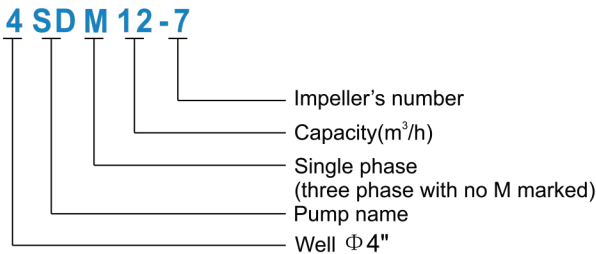
Special mechanical seal
Other voltages or frequency 60 Hz
Single phase motor with built-in capacitor

Warranty: 1 year

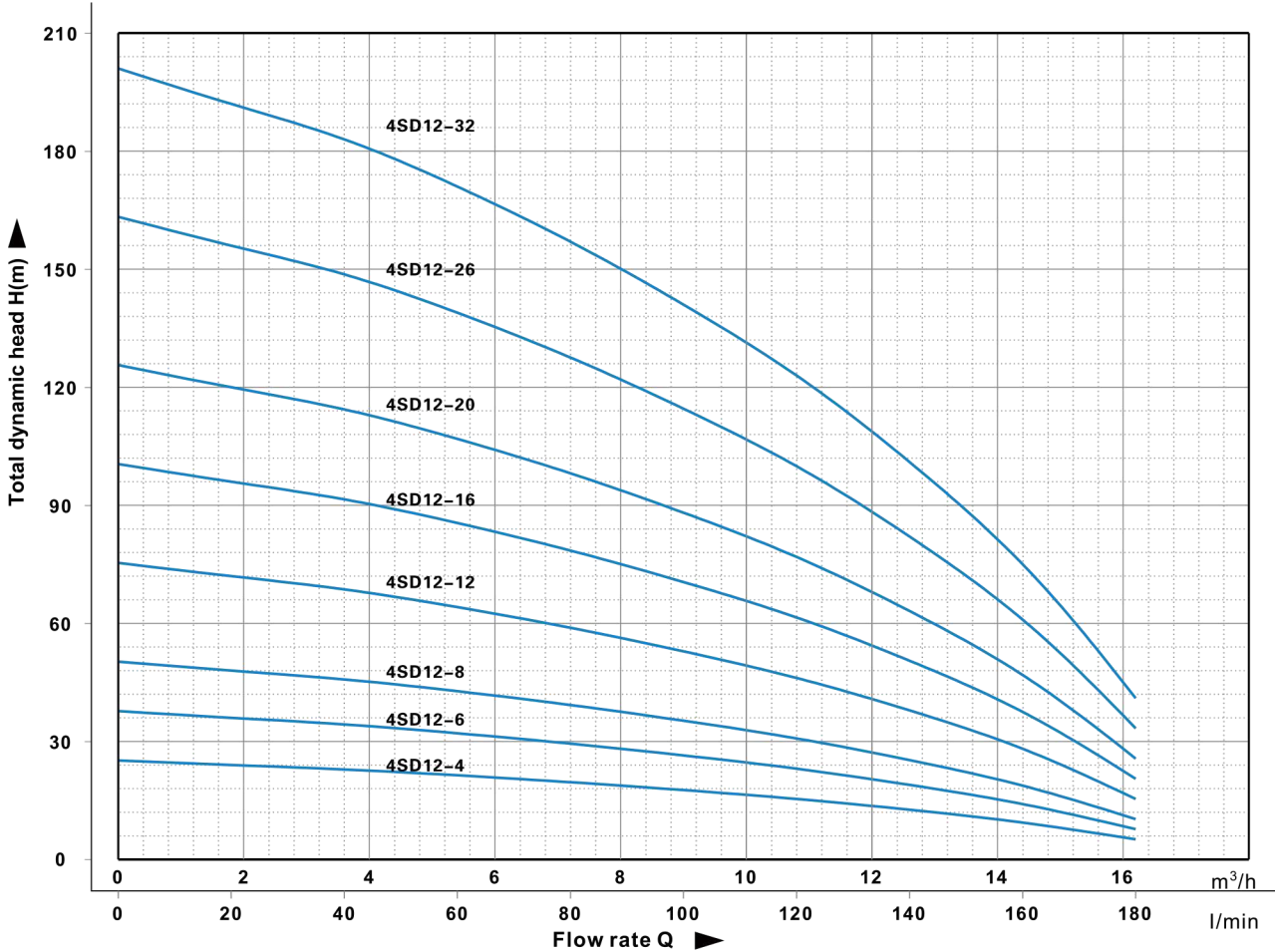
(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Suction lantern	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
Motor external casing	AISI 304 SS
Top cover	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

Model Instruction



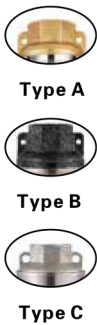
4SD12



PERFORMANCE DATA 50Hz

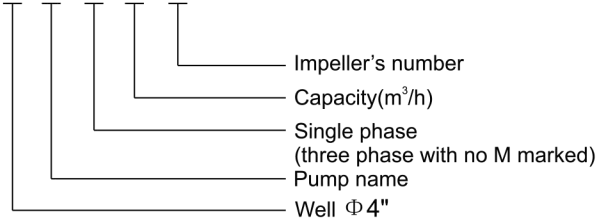
Model		Motor power		DN	DELIVERY rpm:2850 r/min											
1~ 220-240V	3~ 380-415V	KW	Hp		Q	m³/h	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2
						l/min	0	30	60	90	120	150	180	210	240	270
4SDM12-4	4SD12-4	0.75	1	2"	H(m)	25	24	23	21	20	18	15	13	9	5	
4SDM12-6	4SD12-6	1.1	1.5	2"		38	36	34	32	29	26	23	19	14	8	
4SDM12-8	4SD12-8	1.5	2	2"		50	48	46	43	39	35	31	25	19	10	
4SDM12-12	4SD12-12	2.2	3	2"		75	72	69	64	59	53	46	38	28	15	
-	4SD12-16	3	4	2"		101	96	92	86	79	71	62	51	38	21	
-	4SD12-20	4	5.5	2"		126	120	114	107	98	88	77	63	47	26	
-	4SD12-26	5.5	7.5	2"		163	156	149	139	128	115	100	82	61	33	
-	4SD12-32	7.5	10	2"		201	192	183	171	157	141	123	101	75	41	

4SD16



Model Instruction

4 S D M 16 -4



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

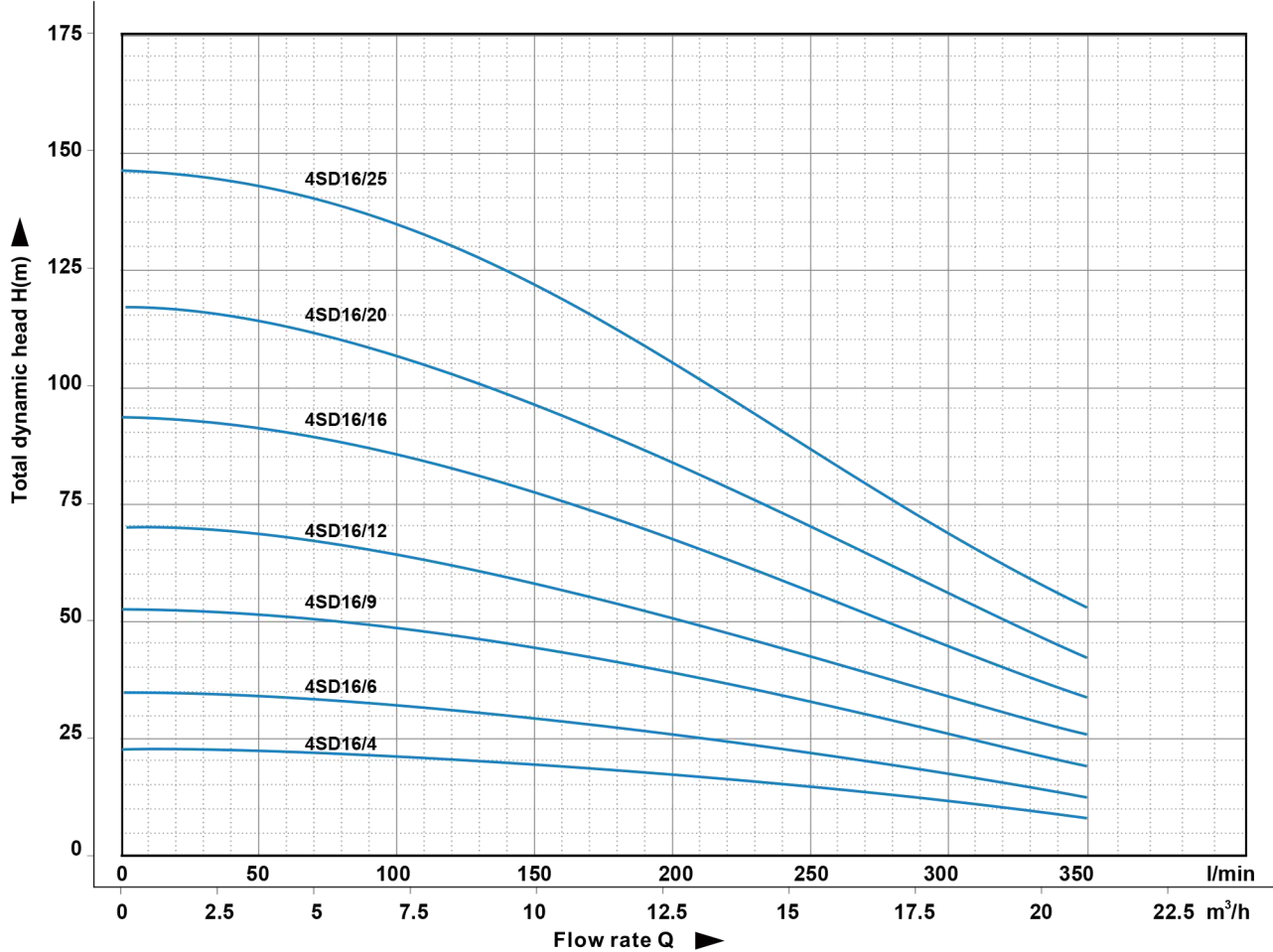
Special mechanical seal
Other voltages or frequency 60 Hz
Single phase motor with built-in capacitor

Warranty: 1 year

(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Suction lantern	①Cast-Cu ASTM C85500 ②AISI 304 SS ③Cast-iron ASTM NO. 30
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
Motor external casing	AISI 304 SS
Top cover	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

4SD16



PERFORMANCE DATA 50Hz

Model		Motor power		DN	DELIVERY rpm:2850 r/min									
1~ 220-240V	3~ 380-415V	KW	Hp		Q	m³/h	0	3	6	9	12	15	18	21
						l/min	0	50	100	150	200	250	300	350
4SDM16-4	4SD16-4	1.1	1.5	2"	H(m)	24	23	22	20	18	15	12	9	
4SDM16-6	4SD16-6	1.5	2	2"		36	35	33	30	26	22	18	13	
4SDM16-9	4SD16-9	2.2	3	2"		53	52	50	45	40	33	27	19	
	4SD16-12	3	4	2"		71	70	66	60	53	45	36	26	
	4SD16-16	4	5.5	2"		95	93	88	80	70	60	48	35	
	4SD16-20	5.5	7.5	2"		118	116	110	100	88	74	60	43	
-	4SD16-25	7.5	10	2"		148	145	138	125	110	93	75	54	

4SP2



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
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

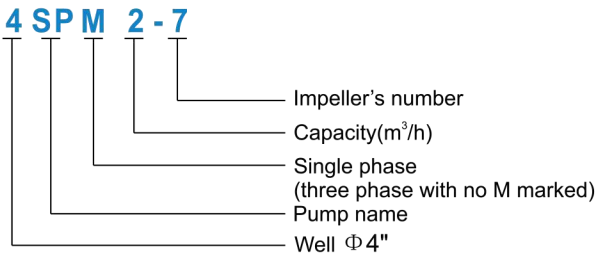
Special mechanical seal
Other voltages or frequency 60 Hz
Single phase motor with built-in capacitor

Warranty: 1 year

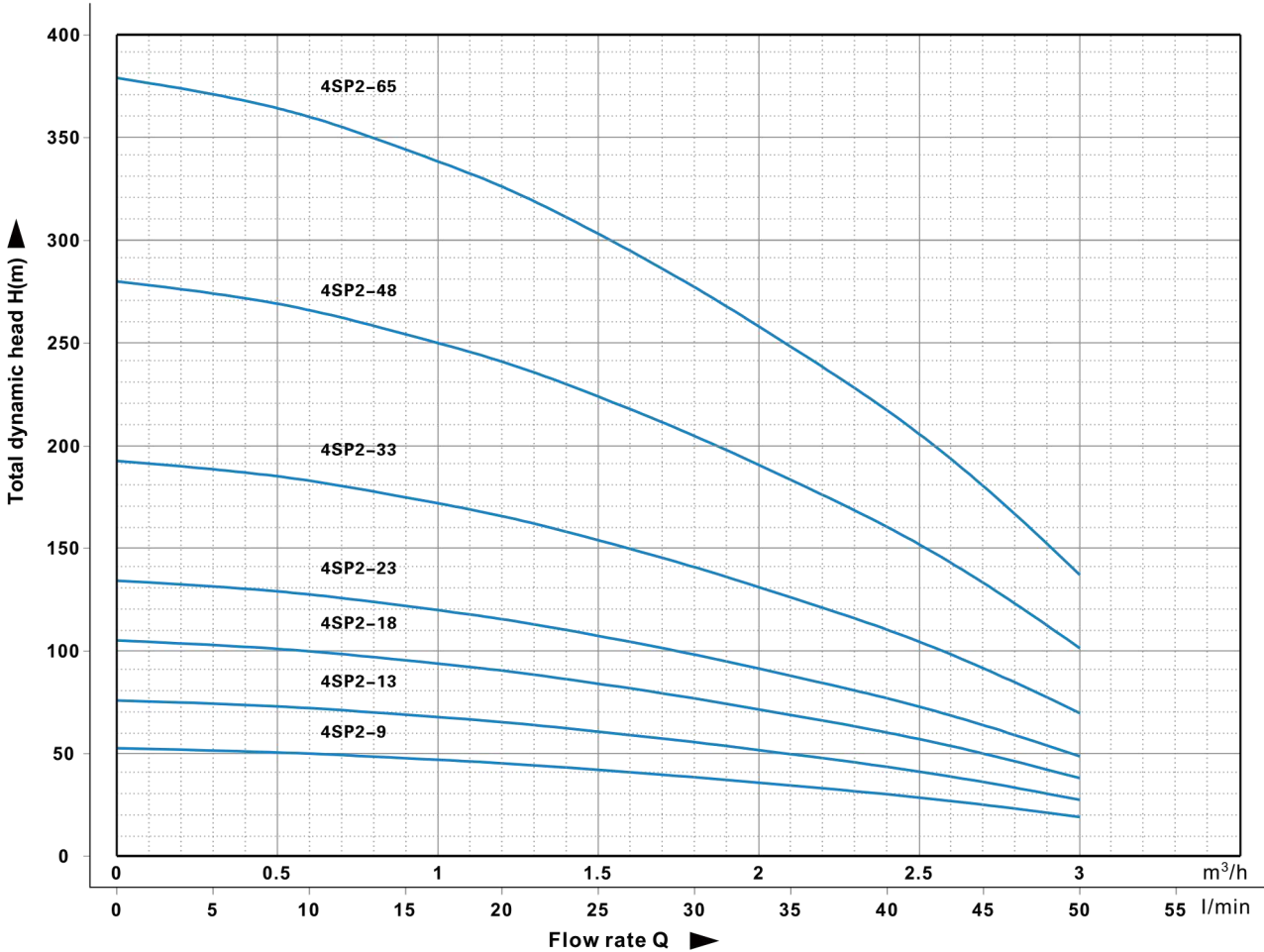
(according to our general sales conditions).

Components	Material
Pump external casing	①AISI 304 SS ②AISI 316 SS
Delivery casing	①AISI 304 SS ②AISI 316 SS
Suction lantern	①AISI 304 SS ②AISI 316 SS
Diffuser	①AISI 304 SS ②AISI 316 SS
Impeller	①AISI 304 SS ②AISI 316 SS
Shaft	①AISI 304 SS ②AISI 316 SS
Shaft coupling	①AISI 304 SS ②AISI 316 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

Model Instruction



4SP2



PERFORMANCE DATA 50Hz

Model		Motor power		DN	DELIVERY rpm:2850 r/min												
1~ 220-240V	3~ 380-415V	KW	Hp		Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3
						l/min	0	5	10	15	20	25	30	35	40	45	50
4SPM2-9	4SP2-9	0.37	0.5	1¼" 1½"	H(m)	52	51	50	48	45	42	38	34	30	25	19	
4SPM2-13	4SP2-13	0.55	0.75	1¼" 1½"		76	74	72	69	65	61	55	50	43	36	27	
4SPM2-18	4SP2-18	0.75	1	1¼" 1½"		105	103	100	95	90	84	77	69	60	50	38	
4SPM2-23	4SP2-23	1.1	1.5	1¼" 1½"		134	131	127	122	115	107	98	88	77	64	48	
4SPM2-33	4SP2-33	1.5	2	1¼" 1½"		192	188	183	175	166	154	141	126	110	91	70	
4SPM2-48	4SP2-48	2.2	3	1¼" 1½"		280	274	266	254	241	224	205	183	160	133	101	
-	4SP2-65	3	4	1¼" 1½"		379	371	360	344	326	303	277	248	217	180	137	

4SP3



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
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

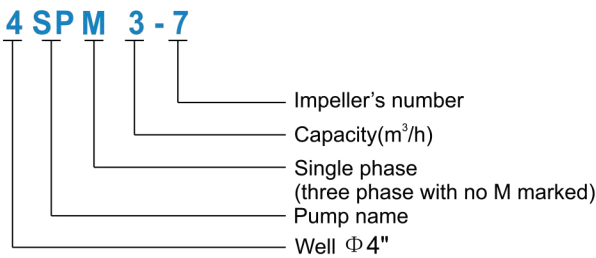
Special mechanical seal
Other voltages or frequency 60 Hz
Single phase motor with built-in capacitor

Warranty: 1 year

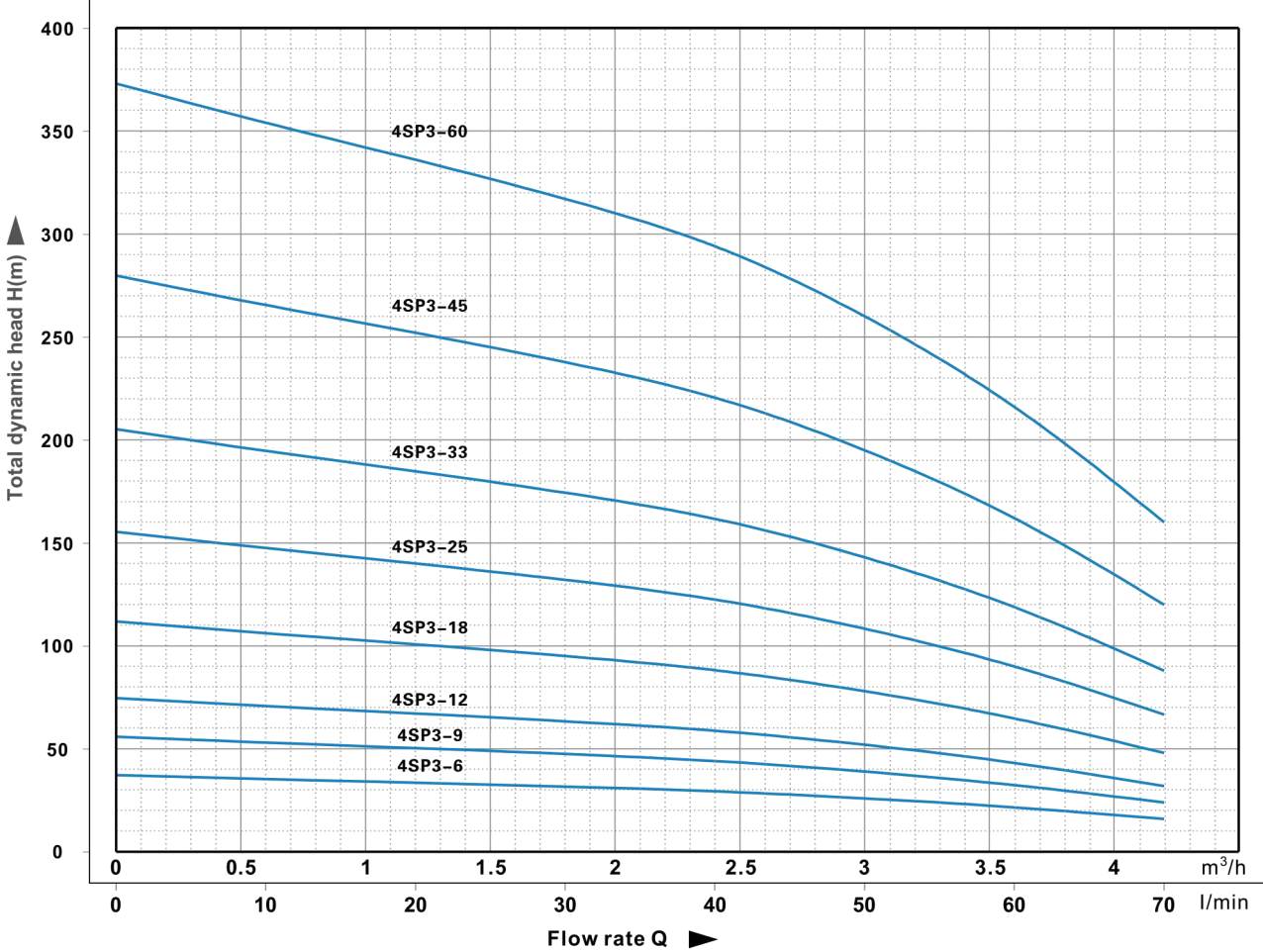
(according to our general sales conditions).

Components	Material
Pump external casing	①AISI 304 SS ②AISI 316 SS
Delivery casing	①AISI 304 SS ②AISI 316 SS
Suction lantern	①AISI 304 SS ②AISI 316 SS
Diffuser	①AISI 304 SS ②AISI 316 SS
Impeller	①AISI 304 SS ②AISI 316 SS
Shaft	①AISI 304 SS ②AISI 316 SS
Shaft coupling	①AISI 304 SS ②AISI 316 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

Model Instruction



4SP3



PERFORMANCE DATA 50Hz

Model		Motor power		DN	DELIVERY											
1~ 220-240V	3~ 380-415V	KW	Hp		rpm:2850 r/min											
					Q	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2		
						l/min	0	10	20	30	40	50	60	70		
4SPM3-6	4SP3-6	0.37	0.5	1¼" 1½"	H(m)		37	35	34	32	29	26	22	16		
4SPM3-9	4SP3-9	0.55	0.75	1¼" 1½"			56	53	50	48	44	39	32	24		
4SPM3-12	4SP3-12	0.75	1	1¼" 1½"			75	71	67	63	59	52	43	32		
4SPM3-18	4SP3-18	1.1	1.5	1¼" 1½"			112	106	101	95	88	78	65	48		
4SPM3-25	4SP3-25	1.5	2	1¼" 1½"			155	148	140	132	123	108	90	67		
4SPM3-33	4SP3-33	2.2	3	1¼" 1½"			205	195	185	174	162	143	119	88		
-	4SP3-45	3	4	1¼" 1½"			280	266	252	238	221	195	162	120		
-	4SP3-60	4	5.5	1¼" 1½"			373	354	336	317	294	260	216	160		

4SP5



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
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

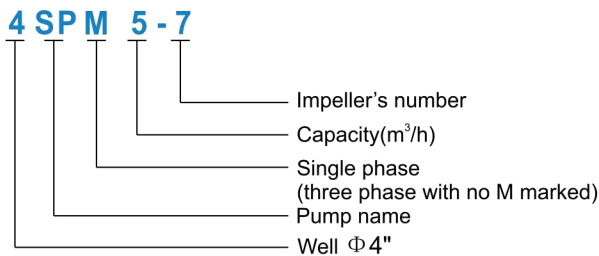
Special mechanical seal
Other voltages or frequency 60 Hz
Single phase motor with built-in capacitor

Warranty: 1 year

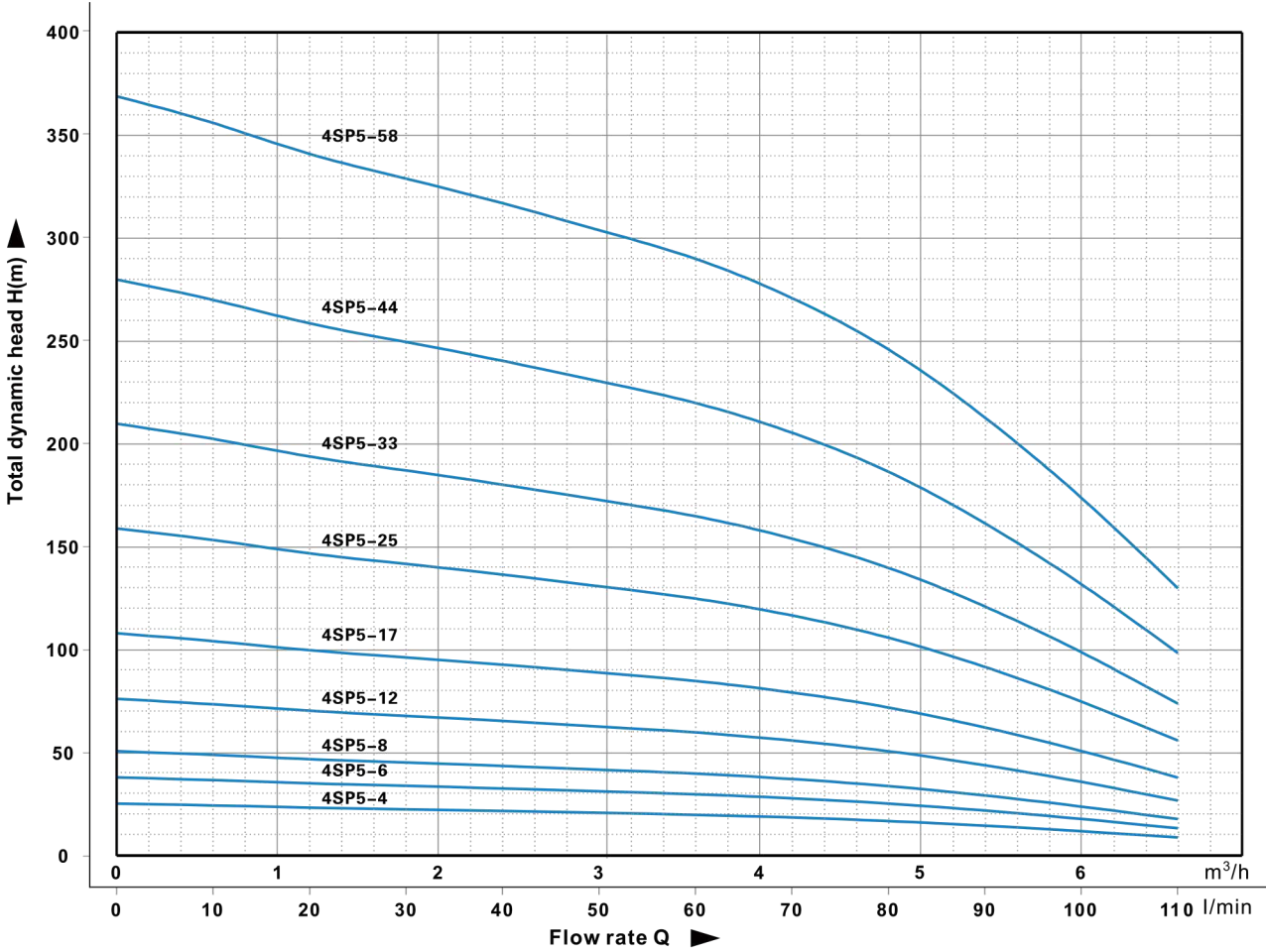
(according to our general sales conditions).

Components	Material
Pump external casing	①AISI 304 SS ②AISI 316 SS
Delivery casing	①AISI 304 SS ②AISI 316 SS
Suction lantern	①AISI 304 SS ②AISI 316 SS
Diffuser	①AISI 304 SS ②AISI 316 SS
Impeller	①AISI 304 SS ②AISI 316 SS
Shaft	①AISI 304 SS ②AISI 316 SS
Shaft coupling	①AISI 304 SS ②AISI 316 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

Model Instruction



4SP5



PERFORMANCE DATA 50Hz

Model		Motor power		DN	DELIVERY rpm:2850 r/min													
1~ 220-240V	3~ 380-415V	KW	Hp		Q	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6
						l/min	0	10	20	30	40	50	60	70	80	90	100	110
4SPM5-4	4SP5-4	0.37	0.5	1¼" 1½"	H(m)	25	25	24	23	22	21	20	19	17	15	12	9	
4SPM5-6	4SP5-6	0.55	0.75	1¼" 1½"		38	37	35	34	33	31	30	28	25	22	18	13	
4SPM5-8	4SP5-8	0.75	1	1¼" 1½"		51	49	47	45	44	42	40	37	34	29	24	18	
4SPM5-12	4SP5-12	1.1	1.5	1¼" 1½"		76	74	71	68	66	63	60	56	51	44	36	27	
4SPM5-17	4SP5-17	1.5	2	1¼" 1½"		108	104	100	96	93	89	85	79	72	62	51	38	
4SPM5-25	4SP5-25	2.2	3	1¼" 1½"		159	153	147	142	137	131	125	117	106	92	75	56	
-	4SP5-33	3	4	1¼" 1½"		210	202	194	187	180	173	165	154	140	121	99	74	
-	4SP5-44	4	5.5	1¼" 1½"		280	270	259	249	241	231	220	205	187	161	132	99	
-	4SP5-58	5.5	7.5	1¼" 1½"		369	356	341	329	317	304	290	271	246	213	174	130	

4SP8



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℃.
Maximum sand content:0.25%.
Maximum immersion:90m.
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
NEMA dimension standards
Curve tolerance according to ISO 9906

Options on request

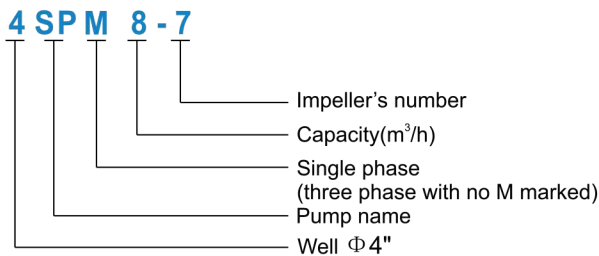
Special mechanical seal
Other voltages or frequency 60 Hz
Single phase motor with built-in capacitor

Warranty: 1 year

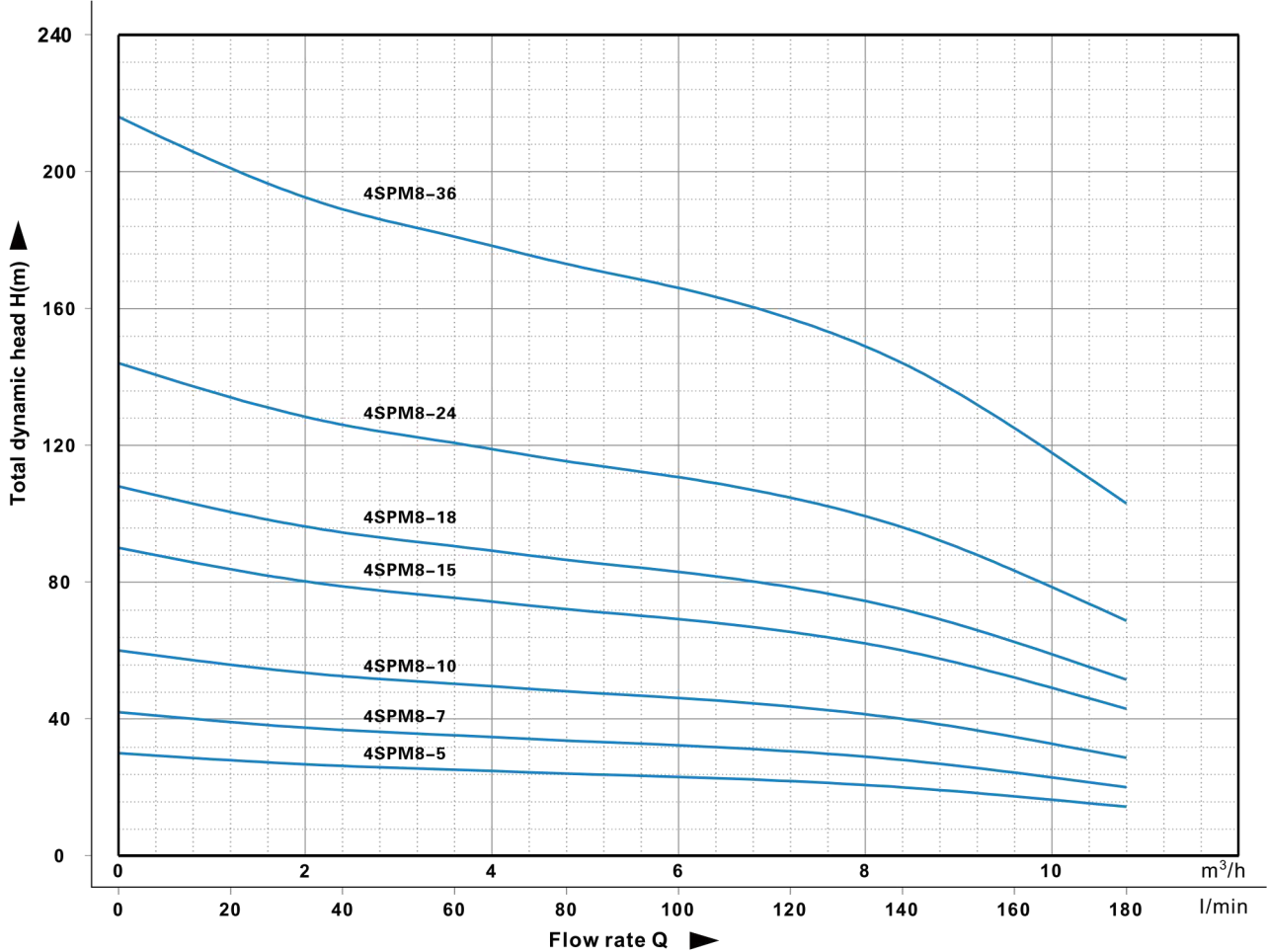
(according to our general sales conditions).

Components	Material
Pump external casing	①AISI 304 SS ②AISI 316 SS
Delivery casing	①AISI 304 SS ②AISI 316 SS
Suction lantern	①AISI 304 SS ②AISI 316 SS
Diffuser	①AISI 304 SS ②AISI 316 SS
Impeller	①AISI 304 SS ②AISI 316 SS
Shaft	①AISI 304 SS ②AISI 316 SS
Shaft coupling	①AISI 304 SS ②AISI 316 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

Model Instruction



4SP8



PERFORMANCE DATA 50Hz

Model		Motor power		DN	DELIVERY										rpm:2850 r/min	
1~ 220-240V	3~ 380-415V	KW	Hp		Q	m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
						l/min	0	20	40	60	80	100	120	140	160	180
4SPM8-5	4SP8-5	0.75	1	1½" 2"	H(m)	30	28	26	25	24	23	22	20	17	14	
4SPM8-7	4SP8-7	1.1	1.5	1½" 2"		42	39	37	35	34	32	31	28	24	20	
4SPM8-10	4SP8-10	1.5	2	1½" 2"		60	56	53	50	48	46	44	40	35	29	
4SPM8-15	4SP8-15	2.2	3	1½" 2"		90	84	79	75	72	69	66	60	52	43	
-	4SP8-18	3	4	1½" 2"		108	100	95	91	86	83	79	72	63	51	
-	4SP8-24	4	5.5	1½" 2"		144	134	126	121	115	110	105	96	84	69	
-	4SP8-36	5.5	7.5	1½" 2"		216	201	189	181	173	166	157	144	125	103	

4SP14



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
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

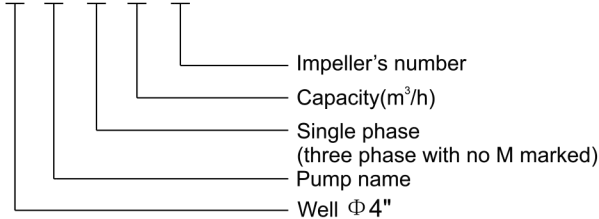
Special mechanical seal
Other voltages or frequency 60 Hz
Single phase motor with built-in capacitor

Warranty: 1 year

(according to our general sales conditions).

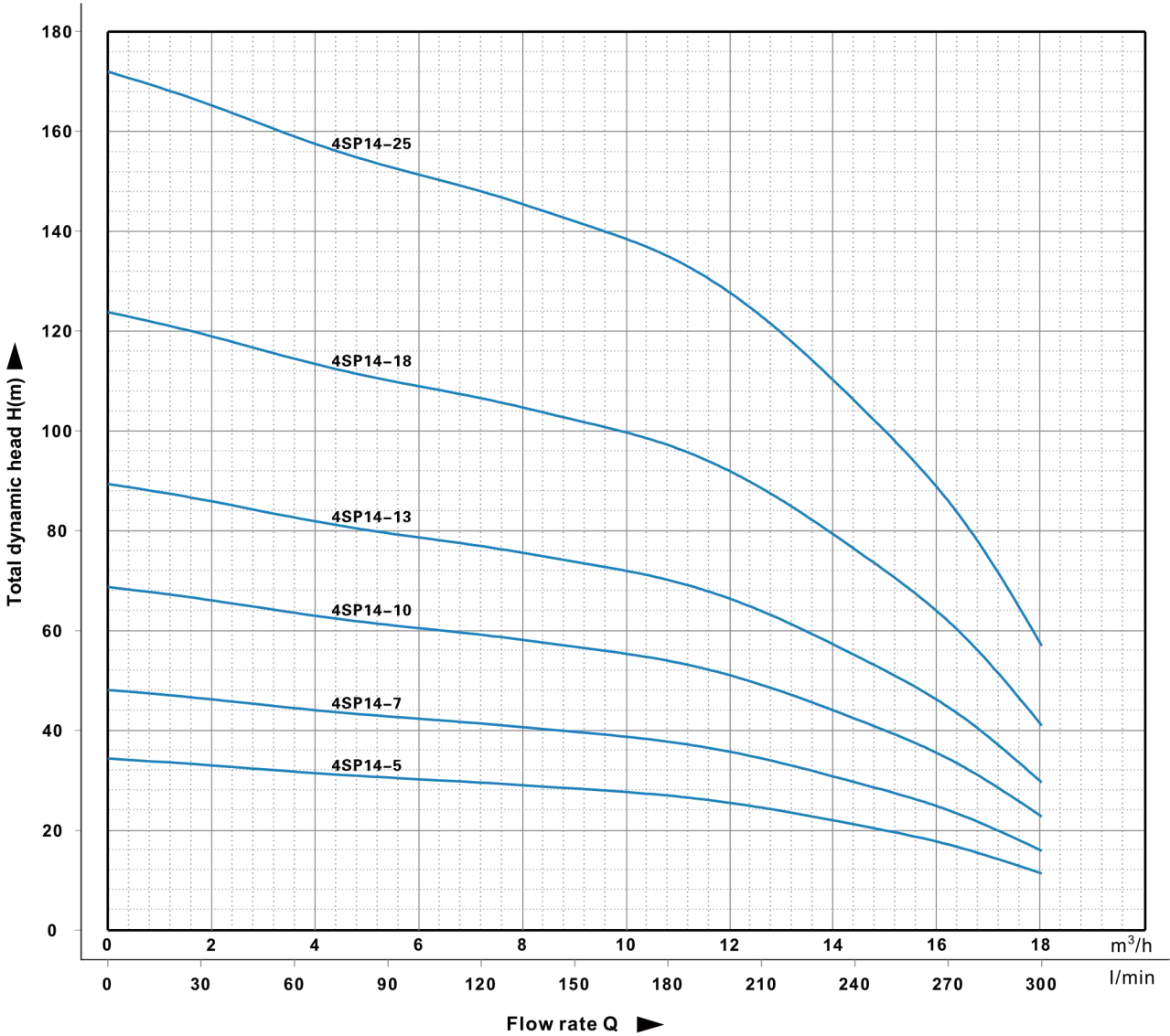
Model Instruction

4 SPM 14 - 7



Components	Material
Pump external casing	①AISI 304 SS ②AISI 316 SS
Delivery casing	①AISI 304 SS ②AISI 316 SS
Suction lantern	①AISI 304 SS ②AISI 316 SS
Diffuser	①AISI 304 SS ②AISI 316 SS
Impeller	①AISI 304 SS ②AISI 316 SS
Shaft	①AISI 304 SS ②AISI 316 SS
Shaft coupling	①AISI 304 SS ②AISI 316 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

4SP14



PERFORMANCE DATA 50Hz

Model		Motor power		DN	DELIVERY rpm:2850 r/min												
1~ 220-240V	3~ 380-415V	KW	Hp		Q	m³/h	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2	18
						l/min	0	30	60	90	120	150	180	210	240	270	300
4SPM14-5	4SP14-5	1.5	2	1½" 2"	H(m)	34	34	32	31	30	28	27	25	21	17	11	
4SPM14-7	4SP14-7	2.2	3	1½" 2"		48	47	45	43	41	40	38	34	30	24	16	
-	4SP14-10	3	4	1½" 2"		69	67	64	61	59	57	54	49	42	34	23	
-	4SP14-13	4	5.5	1½" 2"		89	87	83	80	77	74	70	64	55	45	30	
-	4SP14-18	5.5	7.5	1½" 2"		124	121	114	110	107	102	97	89	76	62	41	
-	4SP14-25	7.5	10	1½" 2"		172	168	159	153	148	142	135	123	106	86	57	

5SR8



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℃.
Maximum sand content:0.25%.
Maximum immersion:100m.
Maximum well diameter:5" .

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

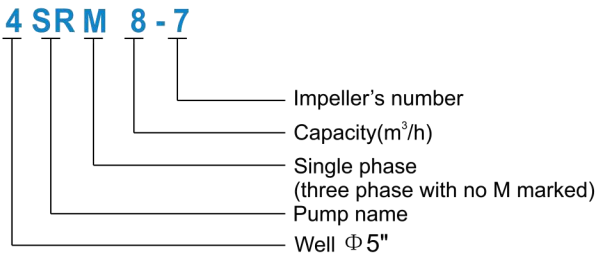
Special mechanical seal
Other voltages or frequency 60 Hz
Single phase motor with built-in capacitor

Warranty: 1 year

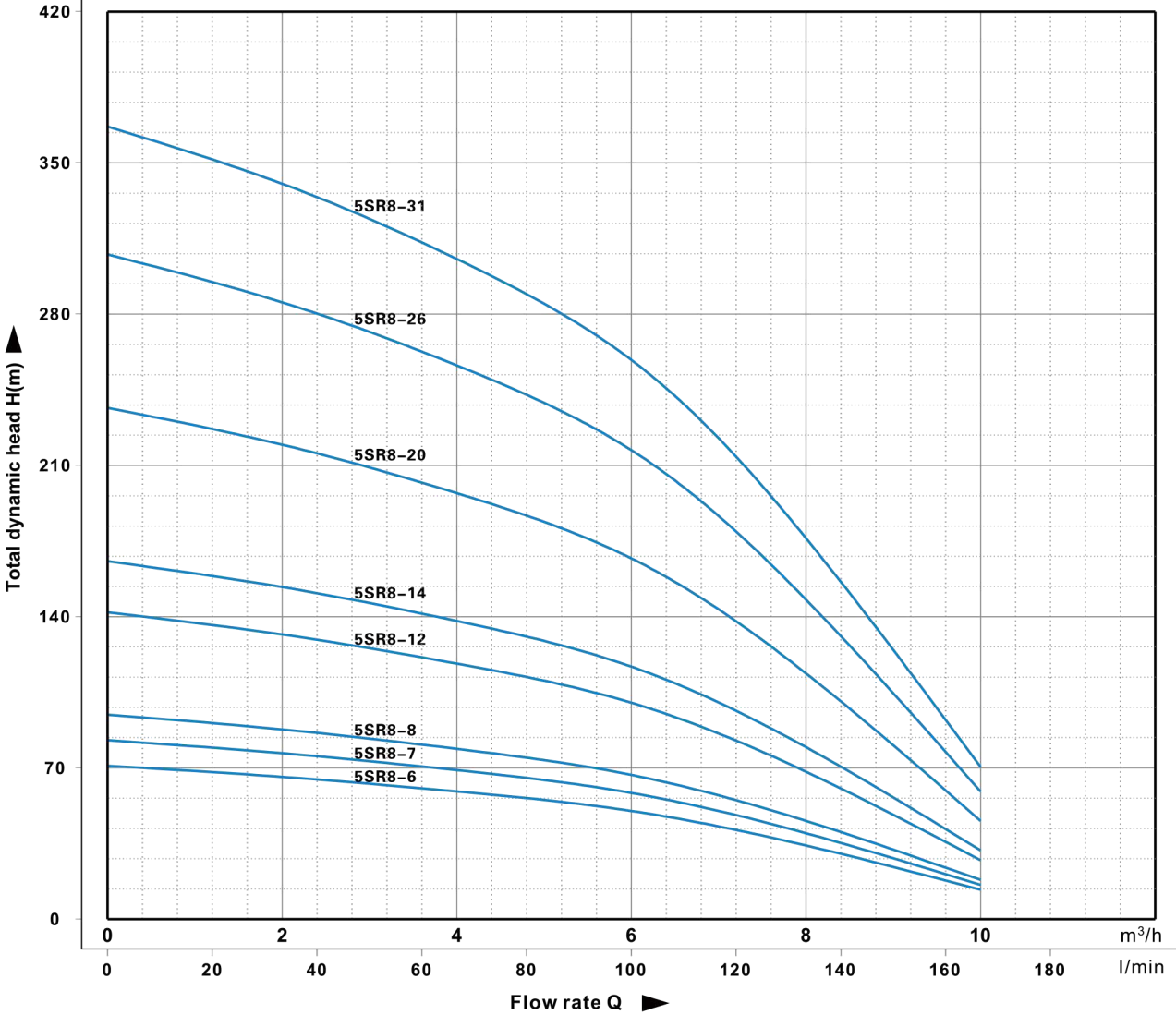
(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron ASTM NO. 30
Suction lantern	Cast-iron ASTM NO. 30
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use

Model Instruction



5SR8



PERFORMANCE DATA 50Hz

Model	Motor power		DN	DELIVERY rpm:2850 r/min							
3~ 380-415V	KW	Hp		Q	m³/h	0	2	4	6	8	10
					l/min	0	33	66	100	133	166
5SR8-6	1.1	1.5	2"	H(m)	71	66	59	50	34	14	
5SR8-7	1.5	2	2"		83	77	69	58	40	16	
5SR8-8	2.2	3	2"		95	88	79	67	45	19	
5SR8-12	3	4	2"		142	132	118	100	68	28	
5SR8-14	4	5.5	2"		166	154	138	117	79	33	
5SR8-20	5.5	7.5	2"		237	220	197	167	113	47	
5SR8-26	7.5	10	2"		308	286	256	217	147	61	
5SR8-31	9.2	12.5	2"		367	341	305	258	176	72	

5SR12



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℃.
Maximum sand content:0.25%.
Maximum immersion:100m.
Maximum well diameter:5" .

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

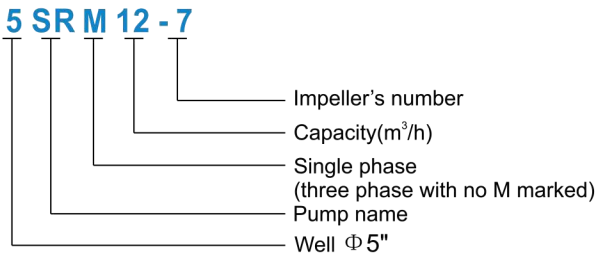
Special mechanical seal
Other voltages or frequency 60 Hz
Single phase motor with built-in capacitor

Warranty: 1 year

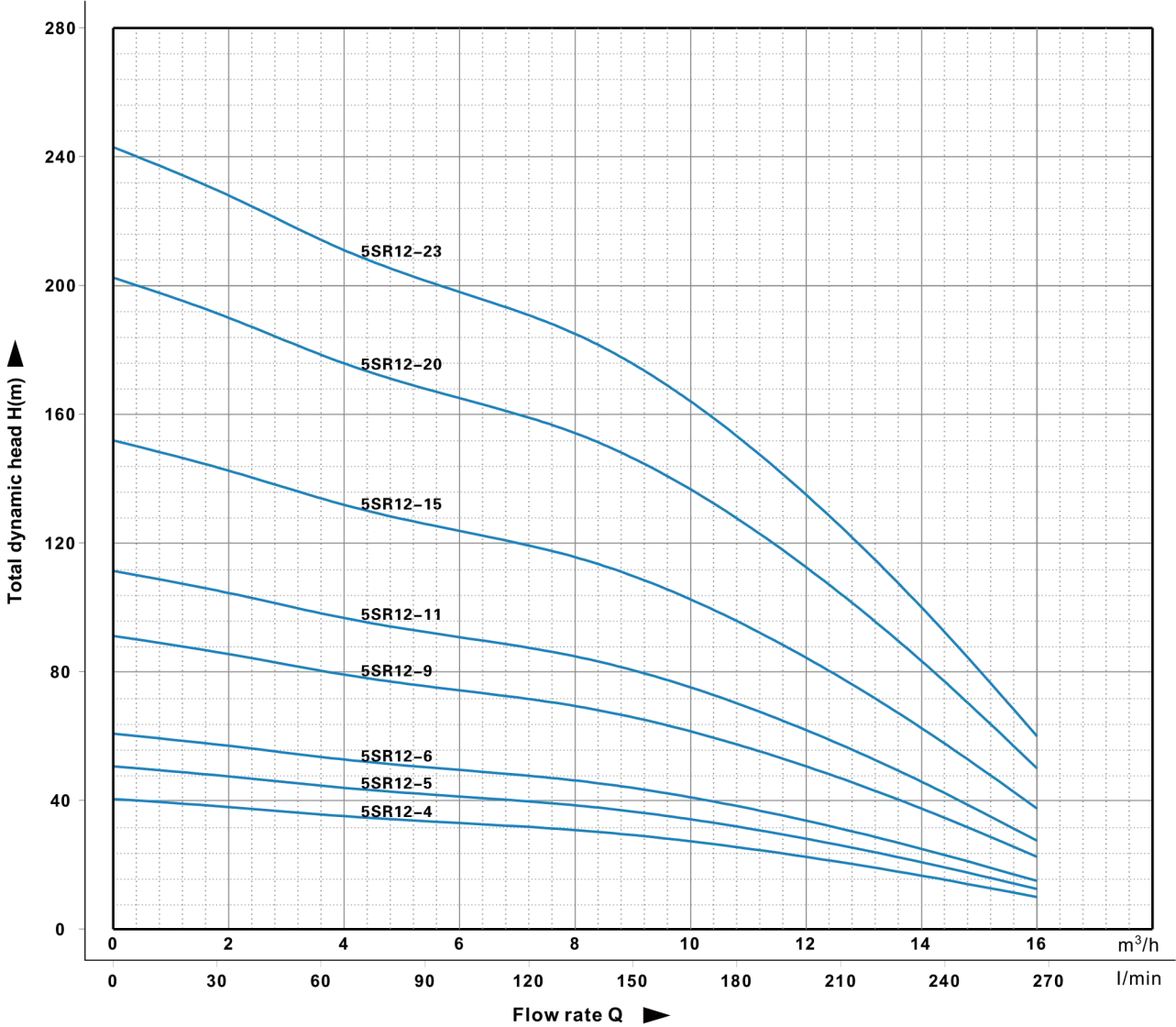
(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron ASTM NO. 30
Suction lantern	Cast-iron ASTM NO. 30
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use

Model Instruction



5SR12



PERFORMANCE DATA 50Hz

Model	Motor power		DN	DELIVERY										rpm:2850 r/min			
3~ 380-415V	KW	Hp		Q	m³/h	0	2	4	6	8	10	12	14	16			
					l/min	0	33	66	100	133	166	200	233	266			
5SR12-4	1.1	1.5	2"	H(m)	41	38	35	33	31	27	23	17	10				
5SR12-5	1.5	2	2"		51	48	44	41	39	34	29	21	13				
5SR12-6	2.2	3	2"		62	57	53	50	47	41	35	26	15				
5SR12-9	3	4	2"		92	85	79	74	70	61	52	38	22				
5SR12-11	4	5.5	2"		113	105	96	91	85	74	63	47	27				
5SR12-15	5.5	7.5	2"		154	143	131	124	116	101	86	64	37				
5SR12-20	7.5	10	2"		205	190	175	165	155	135	115	85	50				
5SR12-23	9.2	12.5	2"		236	219	201	190	178	155	132	98	57				

5SR20



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℃.
Maximum sand content:0.25%.
Maximum immersion:100m.
Maximum well diameter:5" .

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

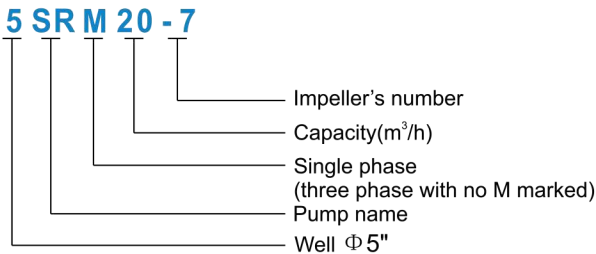
Special mechanical seal
Other voltages or frequency 60 Hz
Single phase motor with built-in capacitor

Warranty: 1 year

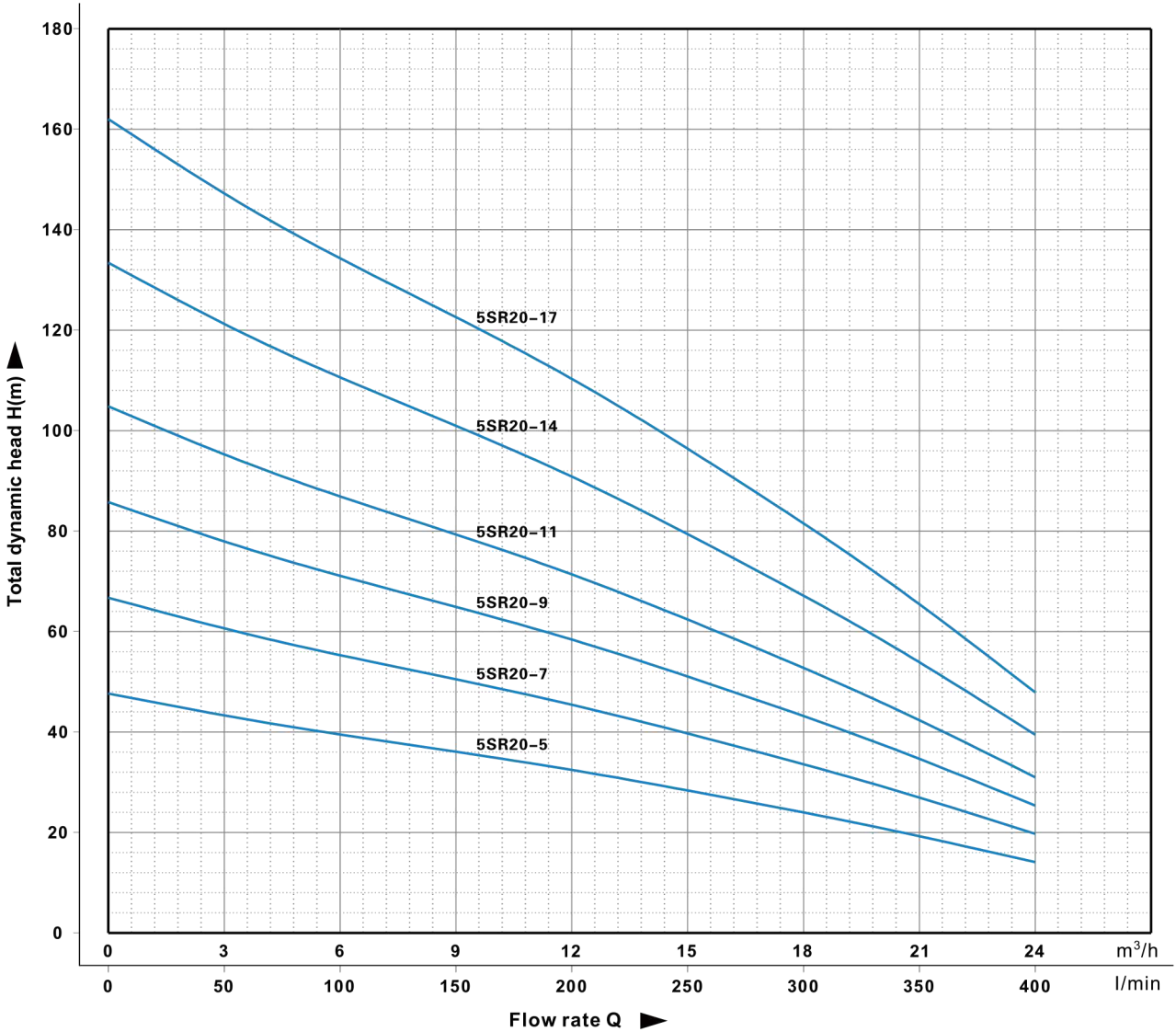
(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron ASTM NO. 30
Suction lantern	Cast-iron ASTM NO. 30
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use

Model Instruction



5SR20



PERFORMANCE DATA 50Hz

Model	Motor power		DN	DELIVERY rpm:2850 r/min								
3~ 380-415V	KW	Hp		Q	m³/h	0	4	8	12	16	20	24
					l/min	0	66	133	200	266	333	400
5SR20-5	2.2	3	2"	H(m)	48	42	37	32	27	21	14	
5SR20-7	3	4	2"		67	59	52	45	37	29	20	
5SR20-9	4	5.5	2"		86	76	67	58	48	38	25	
5SR20-11	5.5	7.5	2"		106	92	81	70	75	59	39	
5SR20-14	7.5	10	2"		134	118	104	90	75	59	39	
5SR20-17	9.2	12.5	2"		163	143	126	109	92	71	48	

6SR10



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℃.
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

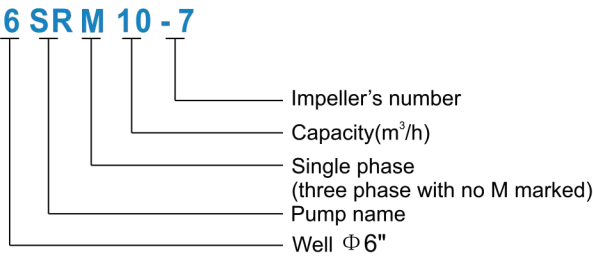
Special mechanical seal
Other voltages or frequency 60 Hz

Warranty: 1 year

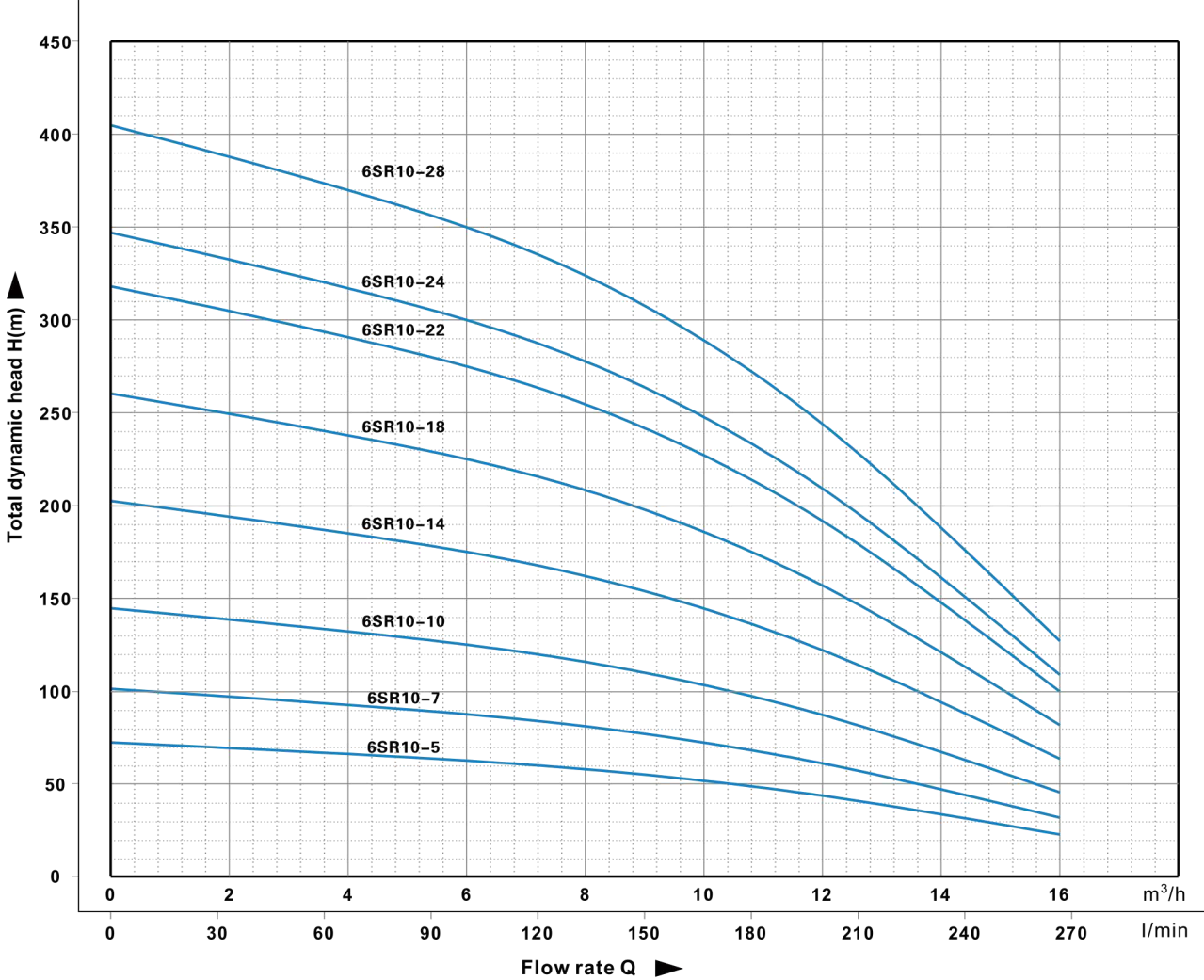
(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron ASTM NO. 30
Suction lantern	Cast-iron ASTM NO. 30
Diffuser	Plastic.PC & AISI 304 SS
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
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-SiC/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use

Model Instruction



6SR10



PERFORMANCE DATA 50Hz

Model	Motor power		DN	DELIVERY rpm:2850 r/min										
3~ 380-415V	KW	Hp		Q	m³/h	0	2	4	6	8	10	12	14	16
					l/min	0	33	67	100	133	167	200	233	267
6SR10-5	3	4	3"	H(m)	72	69	66	62	58	52	43	33	23	
6SR10-7	4	5.5	3"		101	97	93	87	81	72	61	47	32	
6SR10-10	5.5	7.5	3"		145	138	132	125	116	103	87	67	45	
6SR10-14	7.5	10	3"		202	194	185	175	162	145	122	94	63	
6SR10-18	9.2	12.5	3"		260	249	238	225	208	186	157	121	81	
6SR10-22	11	15	3"		318	305	291	275	255	227	191	147	100	
6SR10-24	13	17.5	3"		347	332	317	300	278	248	209	161	109	
6SR10-28	15	20	3"		405	388	370	350	324	289	244	188	127	

6SR18



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℃.
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

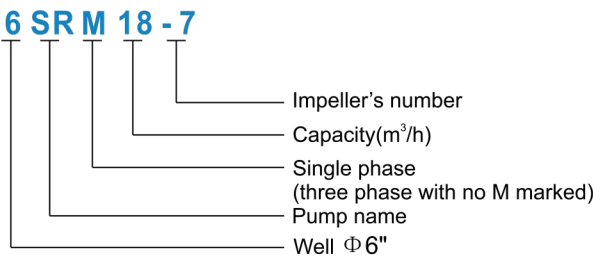
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty: 1 year

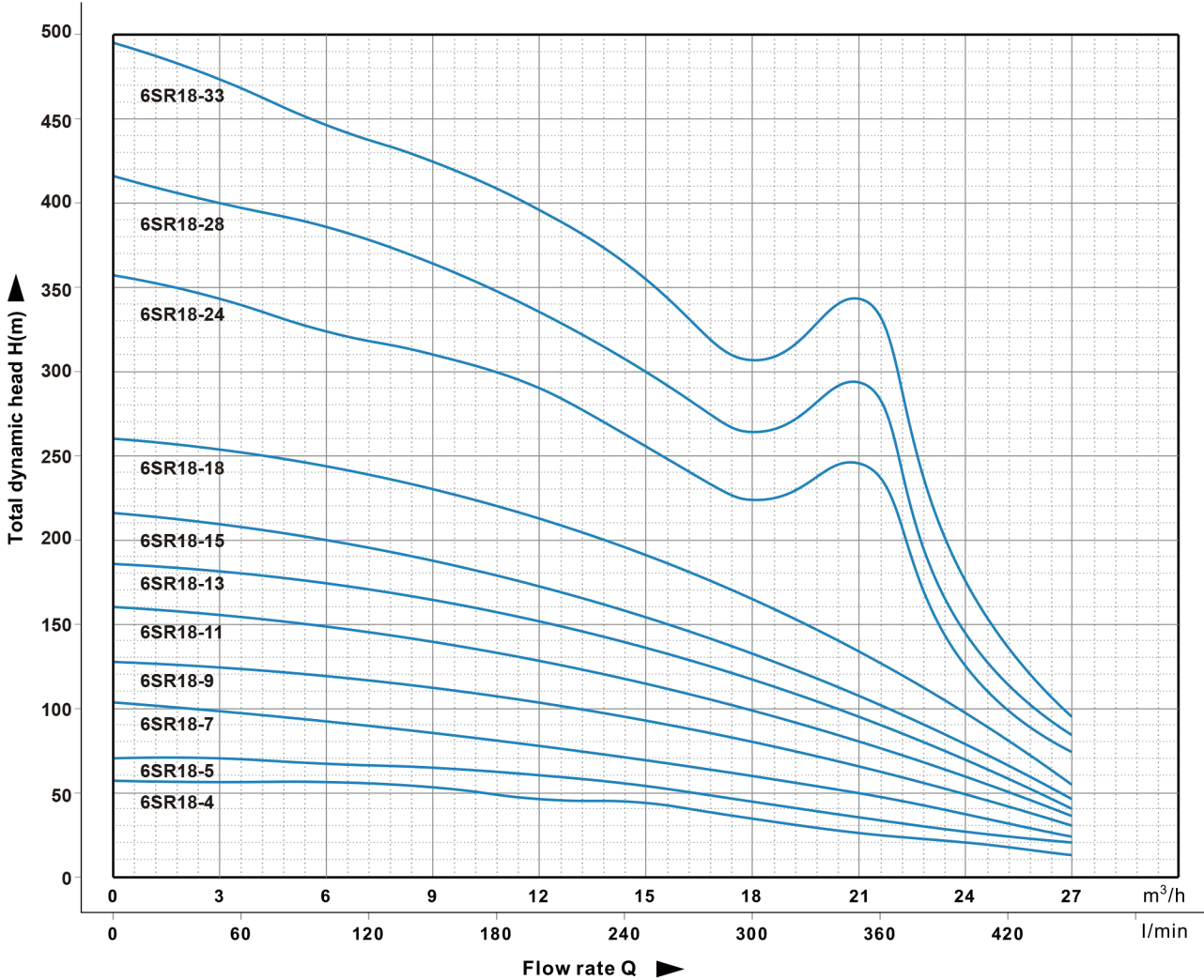
(according to our general sales conditions).

Model Instruction



Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron ASTM NO. 30
Suction lantern	Cast-iron ASTM NO. 30
Diffuser	Plastic.PC & AISI 304 SS
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
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-SiC/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use

6SR18



PERFORMANCE DATA 50Hz

Model	Motor power		DN	DELIVERY rpm:2850 r/min											
3~ 380-415V	KW	Hp		Q	m³/h	0	3	6	9	12	15	18	21	24	27
					l/min	0	50	100	150	200	250	300	350	400	450
6SR18-4	3	4	3"	H(m)	57	55	53	51	47	42	36	29	21	12	
6SR18-5	4	5.5	3"		72	69	67	64	59	53	45	36	26	15	
6SR18-7	5.5	7.5	3"		101	97	94	89	83	74	64	51	37	21	
6SR18-9	7.5	10	3"		129	124	120	114	106	95	82	66	48	27	
6SR18-11	9.2	12.5	3"		158	152	147	140	130	116	100	80	58	33	
6SR18-13	11	15	3"		187	179	174	165	153	137	118	95	69	39	
6SR18-15	13	17.5	3"		216	207	201	191	177	158	136	109	79	45	
6SR18-18	15	20	3"		259	248	241	229	212	190	164	131	95	54	
6SR18-24	18.5	25	3"		358	342	327	311	288	258	224	249	126	72	
6SR18-28	22	30	3"		418	399	381	363	336	301	261	291	147	84	
6SR18-33	26	35	3"		492	471	449	428	396	355	308	343	173	99	

6SR30



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℃.
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

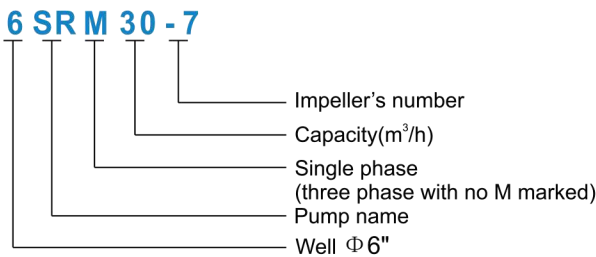
Special mechanical seal
Other voltages or frequency 60 Hz

Warranty: 1 year

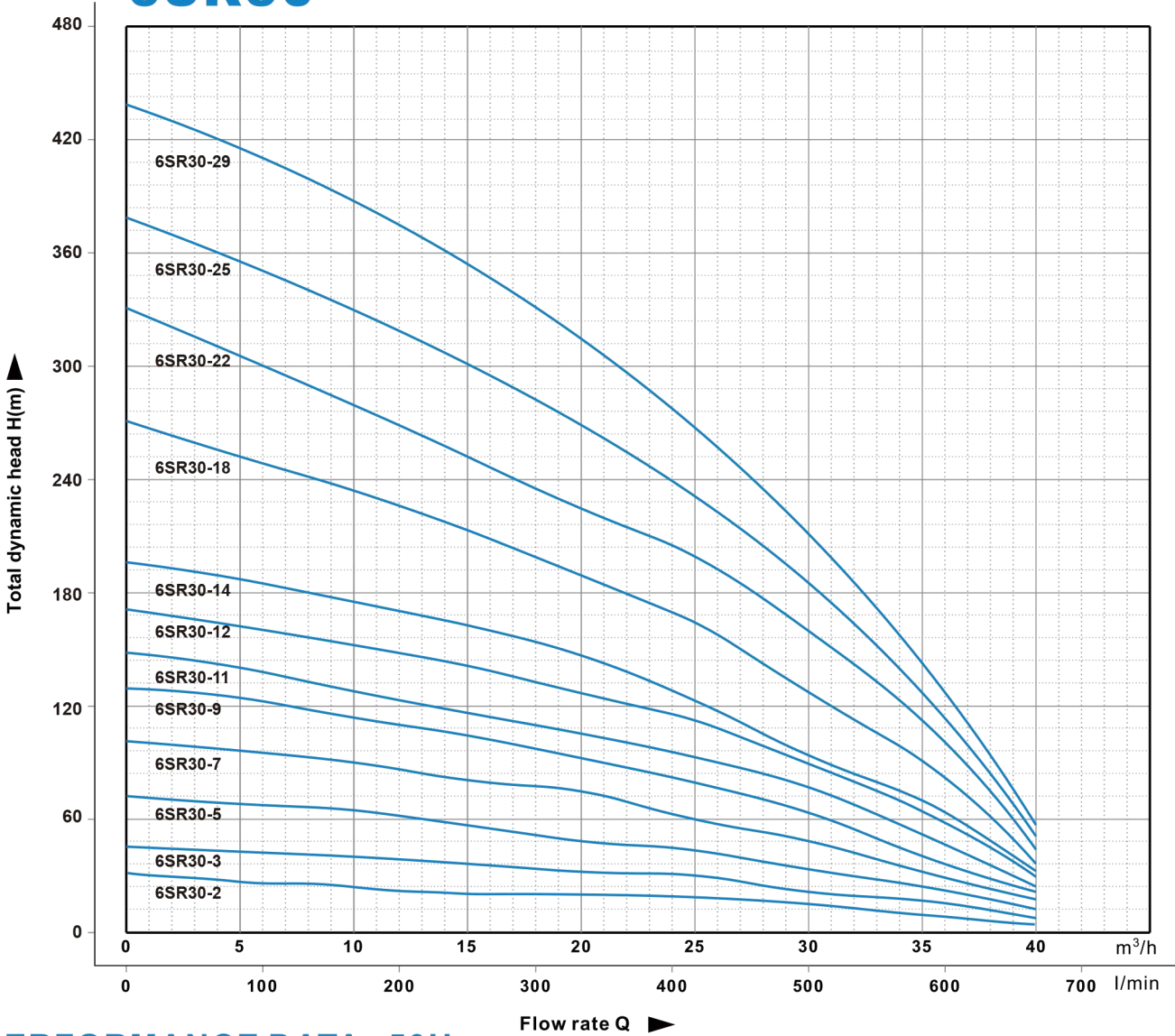
(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron ASTM NO. 30
Suction lantern	Cast-iron ASTM NO. 30
Diffuser	Plastic.PC & AISI 304 SS
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
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-SiC/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use

Model Instruction



6SR30



PERFORMANCE DATA 50Hz

Model	Motor power		DN	DELIVERY rpm:2850 r/min										
3~ 380-415V	KW	Hp		Q	m³/h	0	5	10	15	20	25	30	35	40
					l/min	0	83	167	250	333	417	500	583	667
6SR30-2	3	4	3"	H(m)	29	27	25	23	21	17	14	9	4	
6SR30-3	4	5.5	3"		43	41	38	35	31	26	20	14	5	
6SR30-5	5.5	7.5	3"		71	68	63	58	52	44	34	23	9	
6SR30-7	7.5	10.0	3"		100	95	88	81	73	61	47	32	13	
6SR30-9	9.2	12.5	3"		129	122	113	105	94	79	64	41	16	
6SR30-11	11	15	3"		157	149	139	128	114	96	75	50	20	
6SR30-12	13	17.5	3"		172	162	151	140	125	105	81	54	22	
6SR30-14	15	20	3"		200	189	176	163	146	122	95	63	25	
6SR30-18	18.5	25	3"		270	252	233	215	190	165	131	91	36	
6SR30-22	22.0	30	3"		330	308	284	262	232	202	160	112	44	
6SR30-25	26	35	3"		375	350	323	298	264	229	182	127	50	
6SR30-29	30	40	3"		435	406	375	346	306	266	211	147	58	

6SR45



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

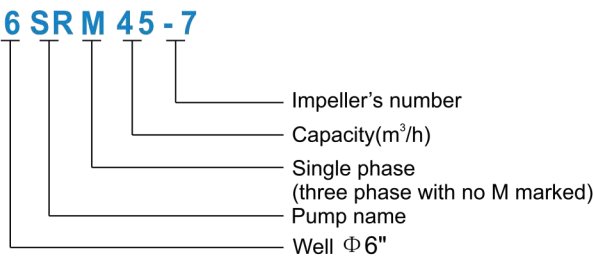
Special mechanical seal
Other voltages or frequency 60 Hz

Warranty: 1 year

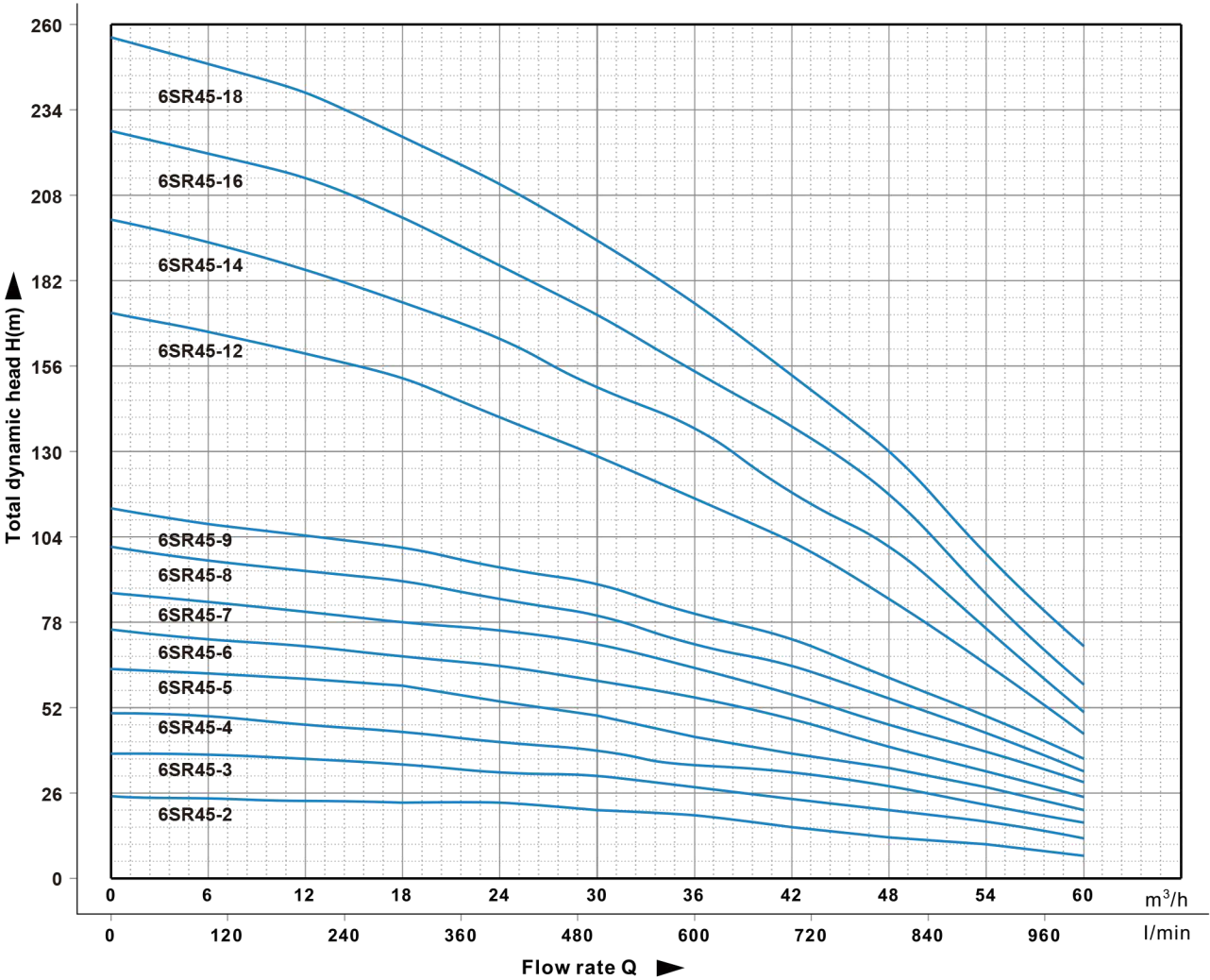
(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron ASTM NO. 30
Suction lantern	Cast-iron ASTM NO. 30
Diffuser	Plastic.PC & AISI 304 SS
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	①AISI 304 SS
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-SiC/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use

Model Instruction



6SR45



PERFORMANCE DATA 50Hz

Model	Motor power		DN	DELIVERY rpm:2850 r/min												
3~ 380-415V	KW	Hp		Q	m³/h	0	6	12	18	24	30	36	42	48	54	60
					l/min	0	100	200	300	400	500	600	700	800	900	1000
6SR45-2	3	4	3"	H(m)	25	24	23	22	21	20	18	16	14	11	8	
6SR45-3	4	5.5	3"		37	36	35	33	32	30	27	24	20	16	12	
6SR45-4	5.5	7.5	3"		50	48	46	44	42	39	36	32	27	22	16	
6SR45-5	7.5	10	3"		62	60	58	55	53	49	45	40	34	27	20	
6SR45-6	9.2	12.5	3"		74	72	70	67	63	59	54	48	41	33	24	
6SR45-7	11	15	3"		87	84	81	78	74	69	63	56	48	38	28	
6SR45-8	13	17.5	3"		99	96	93	89	84	79	72	64	54	44	32	
6SR45-9	15	20	3"		112	108	104	100	95	89	81	72	61	49	36	
6SR45-12	18.5	25	3"		172	166	160	151	140	129	116	103	86	65	44	
6SR45-14	22	30	3"		200	193	186	176	164	150	136	120	101	76	51	
6SR45-16	26	35	3"		229	221	213	202	187	172	155	137	115	87	58	
6SR45-18	30	40	3"		257	248	239	227	211	194	175	154	130	98	66	

6SP17



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

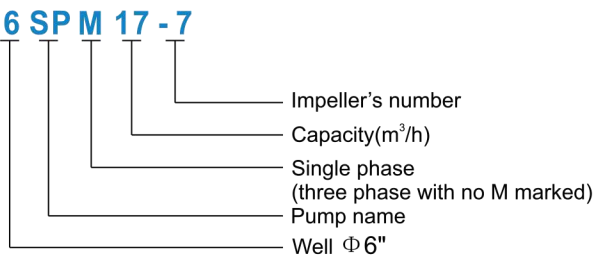
Special mechanical seal
Other voltages or frequency 60 Hz

Warranty: 1 year

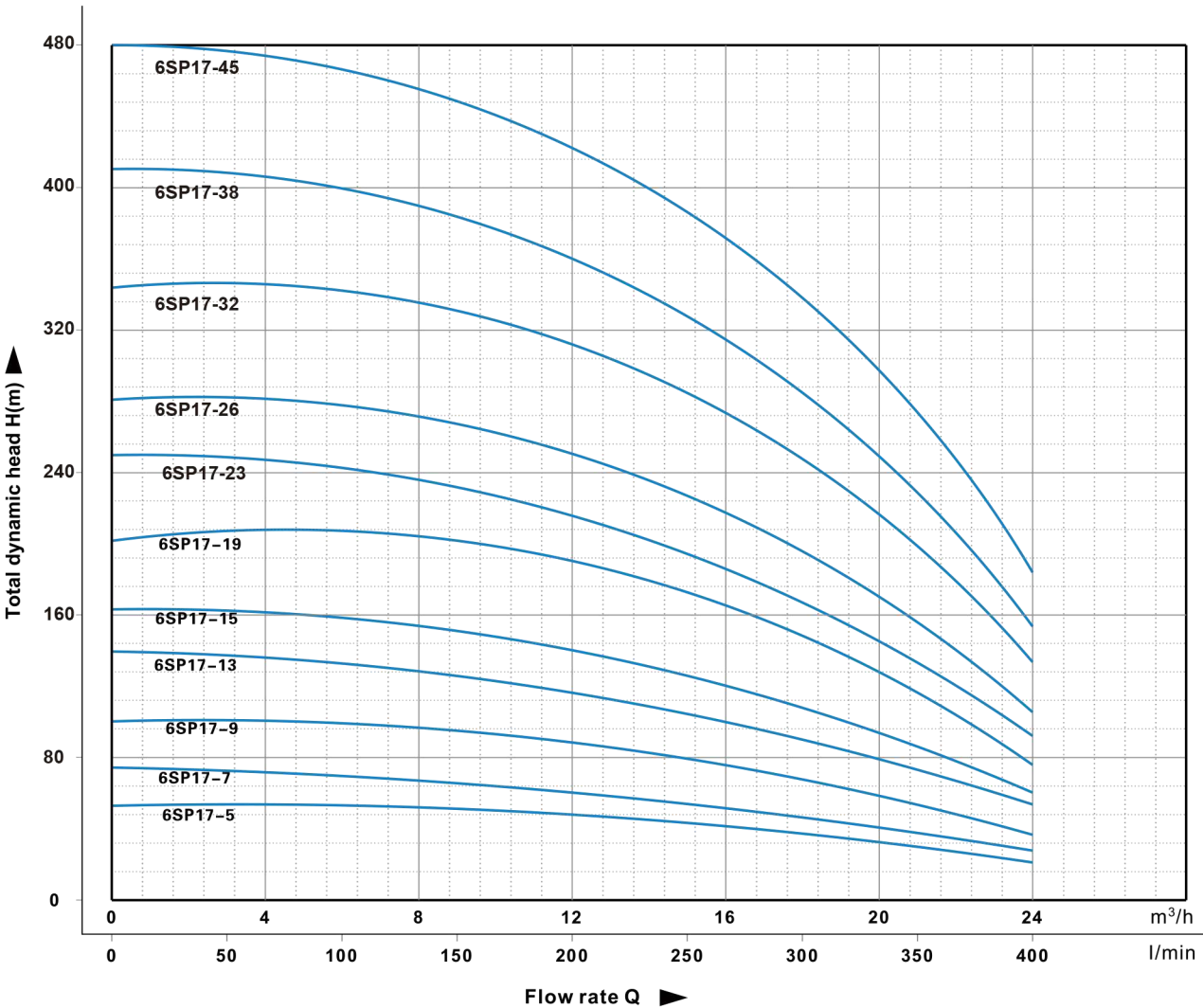
(according to our general sales conditions).

Components	Material
Delivery casing	①AISI 316 SS ②AISI 304 SS
Suction lantern	①AISI 316 SS ②AISI 304 SS
Diffuser	①AISI 316 SS ②AISI 304 SS
Impeller	①AISI 316 SS ②AISI 304 SS
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
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-SiC/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use

Model Instruction



6SP17



PERFORMANCE DATA 50Hz

Model	Motor power		DN	DELIVERY										rpm:2850 r/min			
3~ 380-415V	KW	Hp		Q	m/h	0	3	6	9	12	15	18	21	24			
					l/min	0	50	100	150	200	250	300	350	400			
6SP17-5	3	4	3" 4"	H(m)	54	54	53	51	48	43	37	30	20				
6SP17-7	4	5.5	3" 4"		76	75	74	71	67	60	52	41	29				
6SP17-9	5.5	7.5	3" 4"		97	96	95	92	86	78	67	53	37				
6SP17-13	7.5	10.0	3" 4"		141	139	137	133	124	112	97	77	53				
6SP17-15	9.2	12.5	3" 4"		162	161	158	153	143	129	112	89	61				
6SP17-19	11	15	3" 4"		206	204	201	194	182	164	141	112	78				
6SP17-23	13	17.5	3" 4"		249	246	243	235	220	198	171	136	94				
6SP17-26	15	20	3" 4"		281	278	274	265	248	224	194	154	106				
6SP17-32	19	25	3" 4"		346	343	338	326	306	276	238	189	131				
6SP17-38	22	30	3" 4"		411	407	401	388	363	328	283	225	155				
6SP17-45	26	35	3" 4"		487	482	475	459	430	388	335	266	184				

6SP30



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℃.
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

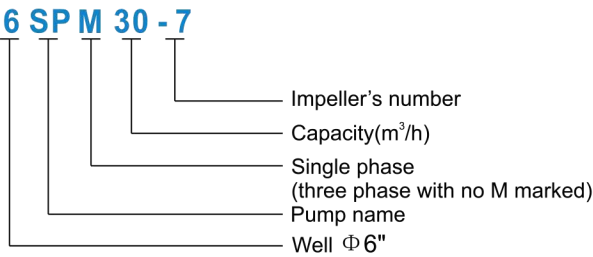
Special mechanical seal
Other voltages or frequency 60 Hz

Warranty: 1 year

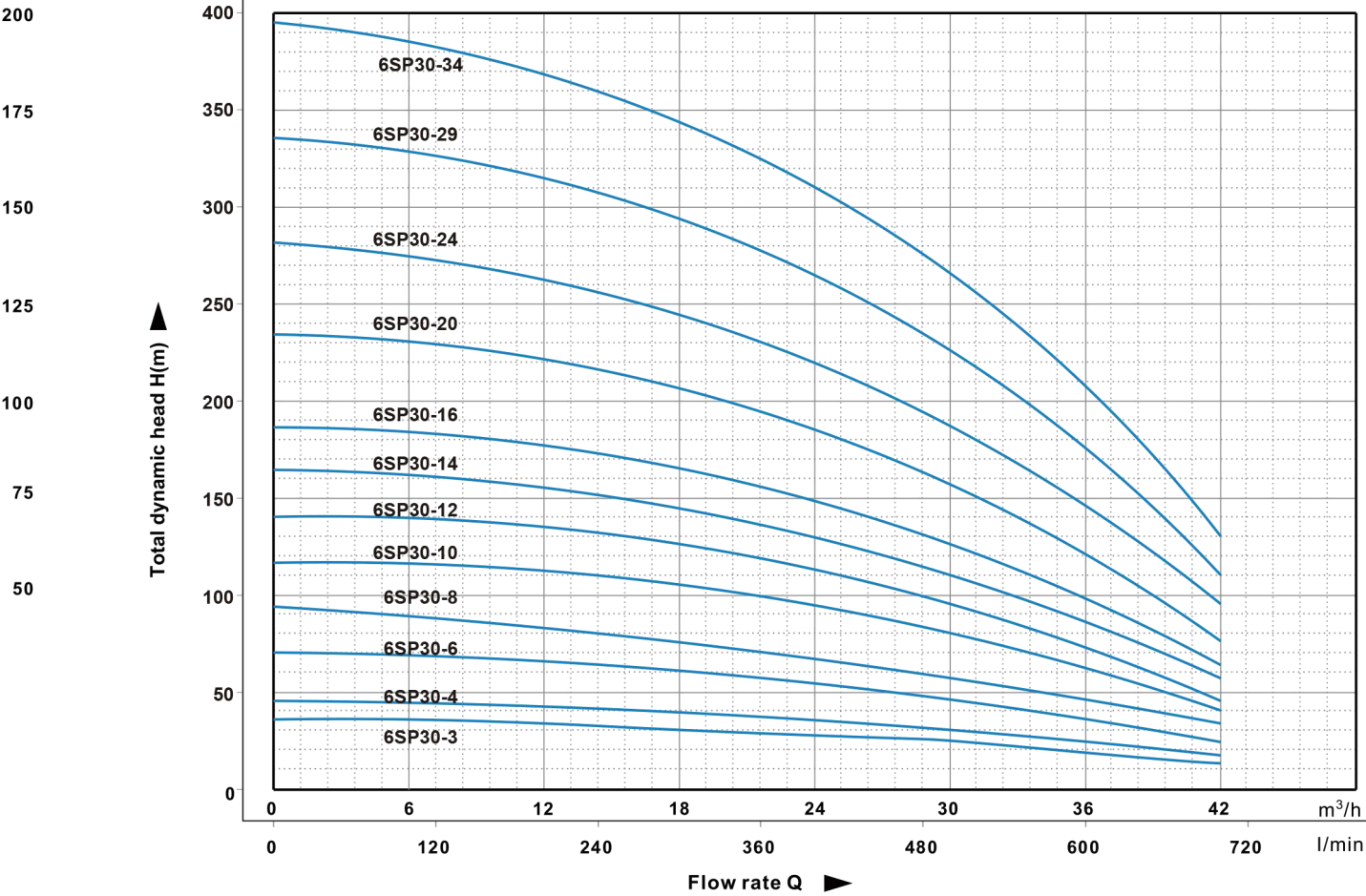
(according to our general sales conditions).

Components	Material
Delivery casing	①AISI 316 SS ②AISI 304 SS
Suction lantern	①AISI 316 SS ②AISI 304 SS
Diffuser	①AISI 316 SS ②AISI 304 SS
Impeller	①AISI 316 SS ②AISI 304 SS
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
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-SiC/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use

Model Instruction



6SP30



PERFORMANCE DATA 50Hz

Model	Motor pow er		DN	DELIVERY rpm:2850 r/min									
3~ 380-415V	KW	Hp		Q	m³/h	0	6	12	18	24	30	36	42
					l/min	0	100	200	300	400	500	600	700
6SP30-3	3	4	3" 4"	H(m)	35	34	31	29	28	24	18	11	
6SP30-4	4	5.5	3" 4"		47	45	42	39	37	31	23	15	
6SP30-6	5.5	7.5	3" 4"		70	67	63	59	55	47	35	23	
6SP30-8	7.5	10.0	3" 4"		93	90	84	79	74	63	47	30	
6SP30-10	9.2	12.5	3" 4"		116	112	104	98	92	79	59	38	
6SP30-12	11	15	3" 4"		140	134	125	118	110	94	70	46	
6SP30-14	13	17.5	3" 4"		163	157	146	138	129	110	82	53	
6SP30-16	15	20	3" 4"		186	179	167	157	147	126	94	61	
6SP30-20	19	25	3" 4"		233	224	209	196	184	157	117	76	
6SP30-24	22	30	3" 4"		280	269	251	236	221	188	140	91	
6SP30-29	26	35	3" 4"		338	325	303	285	267	228	170	110	
6SP30-34	30	40	3" 4"		396	381	355	334	313	267	199	129	

6SP46



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℃.
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

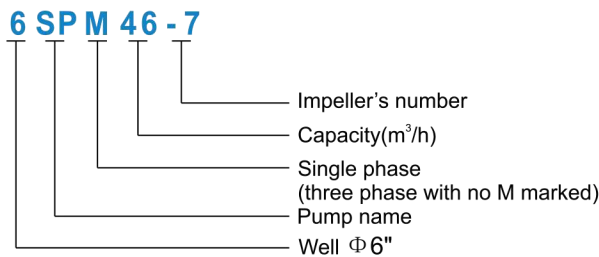
Special mechanical seal
Other voltages or frequency 60 Hz

Warranty: 1 year

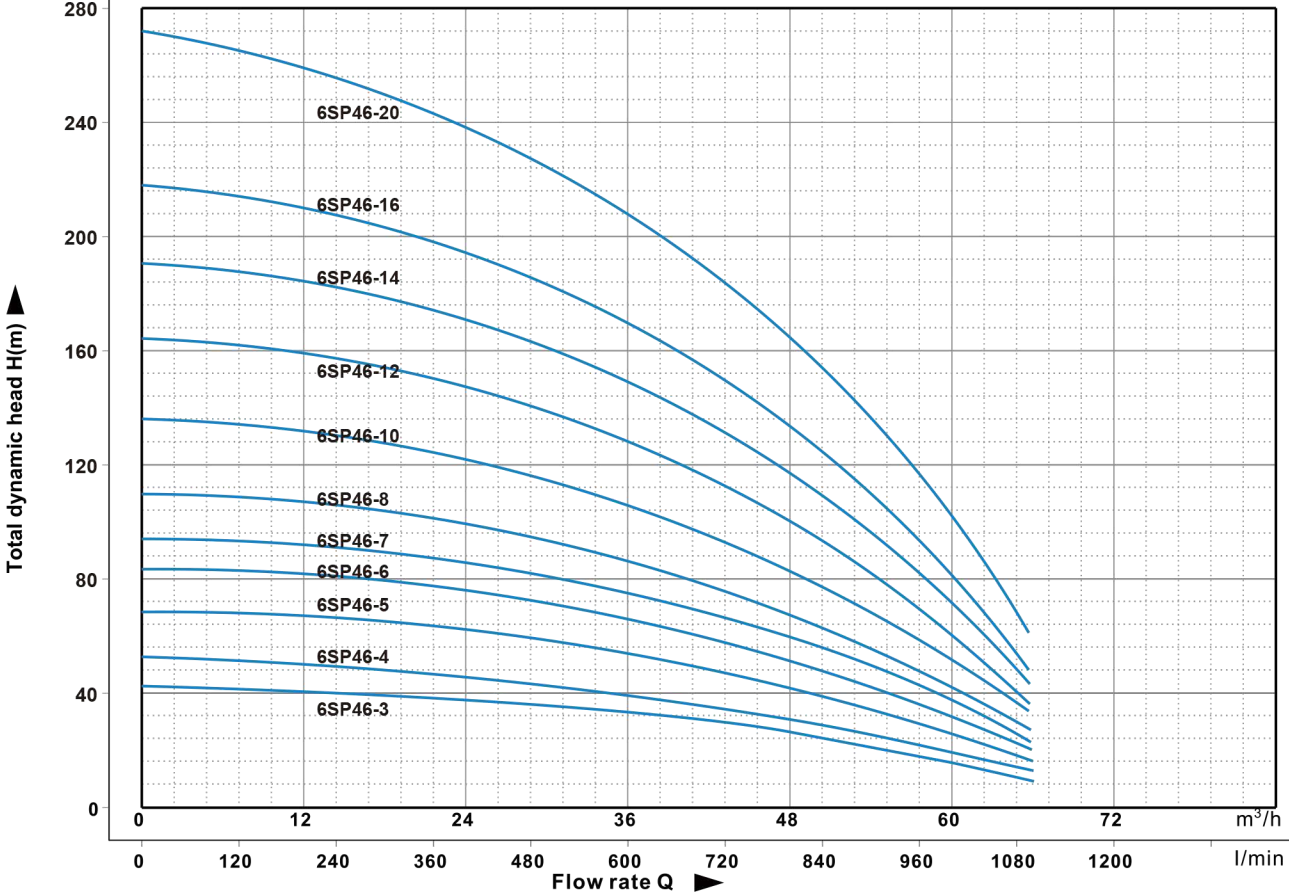
(according to our general sales conditions).

Components	Material
Delivery casing	①AISI 316 SS ②AISI 304 SS
Suction lantern	①AISI 316 SS ②AISI 304 SS
Diffuser	①AISI 316 SS ②AISI 304 SS
Impeller	①AISI 316 SS ②AISI 304 SS
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
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-SiC/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use

Model Instruction



6SP46



PERFORMANCE DATA 50Hz

Model	Motor power		DN	DELIVERY rpm:2850 r/min													
3~ 380-415V	KW	Hp		Q	m³/h	0	6	12	18	24	30	36	42	48	54	60	66
					l/min	0	100	200	300	400	500	600	700	800	900	1000	1100
6SP46-3	3	4	3" 4"	H(m)	41	40	39	37	35	32	30	28	25	20	15	9	
6SP46-4	5.5	7.5	3" 4"		54	53	52	49	46	43	40	37	33	27	20	12	
6SP46-5	7.5	10	3" 4"		68	66	65	62	58	54	50	46	41	34	25	15	
6SP46-6	9.2	12.5	3" 4"		82	80	77	74	69	65	60	55	49	41	30	18	
6SP46-7	11	15	3" 4"		95	93	90	86	81	76	70	64	58	48	36	22	
6SP46-8	13	17.5	3" 4"		109	106	103	99	93	87	80	74	66	55	41	25	
6SP46-10	15	20	3" 4"		136	133	129	123	116	108	100	92	82	68	51	31	
6SP46-12	19	25	3" 4"		163	159	155	148	139	130	120	110	99	82	61	37	
6SP46-14	22	30	3" 4"		190	186	181	173	162	152	140	129	115	96	71	43	
6SP46-16	26	35	3" 4"		217	212	207	197	185	173	160	147	132	109	81	49	
6SP46-20	30	40	3" 4"		272	265	258	247	232	217	200	184	165	137	102	62	

6SP60



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℃.
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

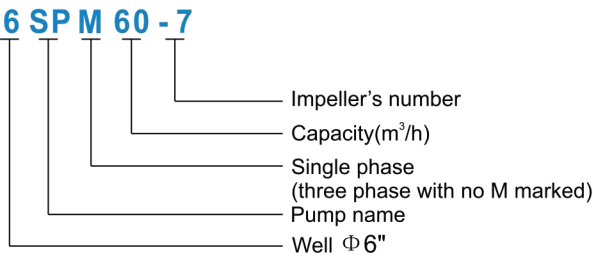
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty: 1 year

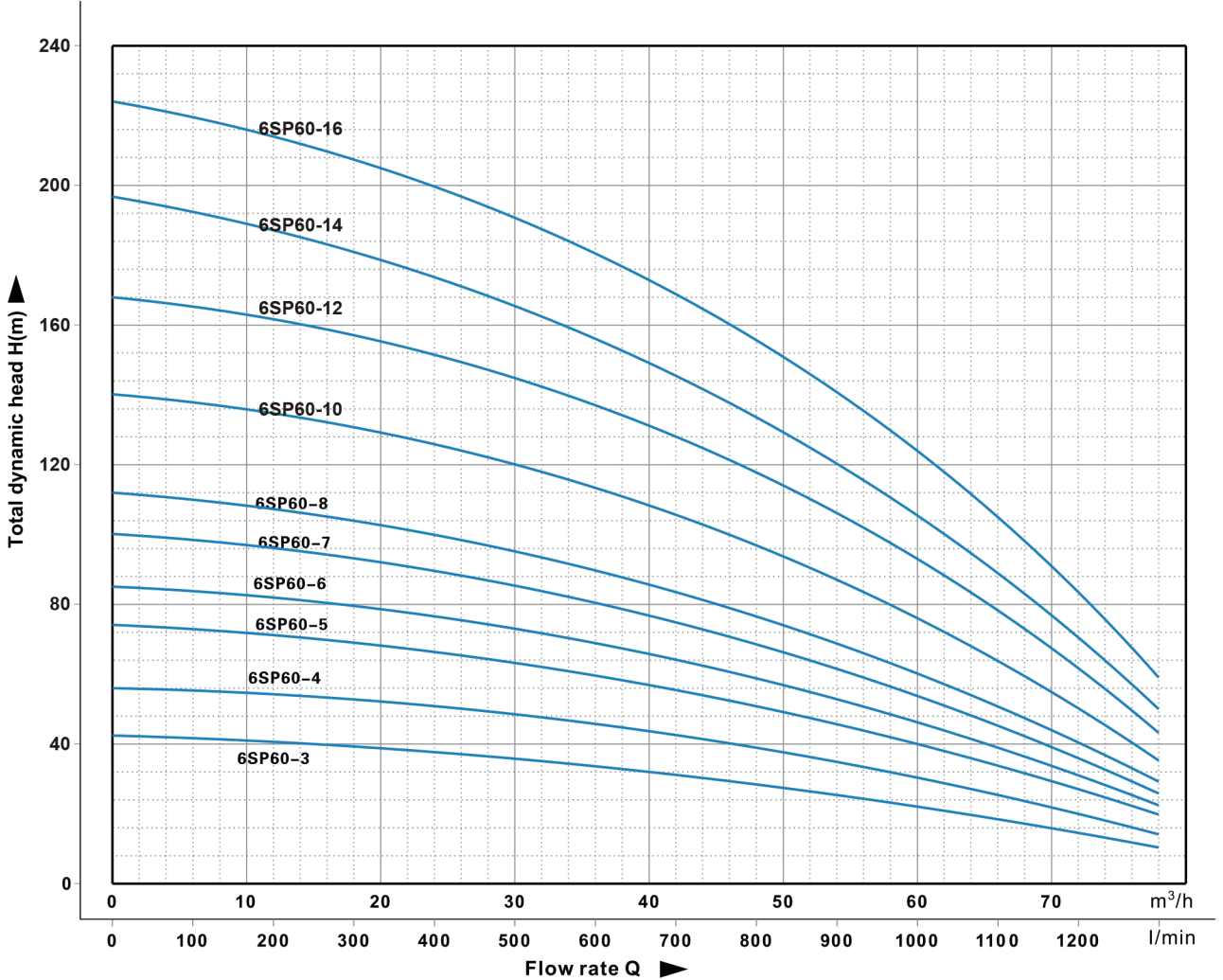
(according to our general sales conditions).

Model Instruction



Components	Material
Delivery casing	①AISI 316 SS ②AISI 304 SS
Suction lantern	①AISI 316 SS ②AISI 304 SS
Diffuser	①AISI 316 SS ②AISI 304 SS
Impeller	①AISI 316 SS ②AISI 304 SS
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
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-SiC/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use

6SP60



PERFORMANCE DATA 50Hz

Model	Motor power		DN	DELIVERY rpm:2850 r/min															
3~ 380-415V	KW	Hp		Q	m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	78
					l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300
6SP60-3	5.5	7.5	3" 4"	H(m)	42	42	42	41	39	36	33	31	29	26	23	20	16	11	
6SP60-4	7.5	10	3" 4"		56	56	56	55	52	48	44	41	39	35	31	27	21	15	
6SP60-5	9.2	12.5	3" 4"		70	70	69	68	65	60	55	52	48	44	39	33	26	18	
6SP60-6	11	15	3" 4"		84	84	84	82	78	72	66	62	58	53	47	40	31	22	
6SP60-7	13	17.5	3" 4"		98	98	98	96	91	84	77	72	68	62	55	47	36	26	
6SP60-8	15	20	3" 4"		112	112	112	109	104	96	88	83	77	70	62	53	42	29	
6SP60-10	18.5	25	3" 4"		140	140	138	136	129	120	110	103	96	88	78	66	52	36	
6SP60-12	22	30	3" 4"		168	167	166	164	155	144	133	124	116	106	94	80	62	44	
6SP60-14	26	35	3" 4"		196	195	194	191	181	168	155	144	135	123	109	93	73	51	
6SP60-16	30	40	3" 4"		224	223	222	218	207	192	177	165	154	141	125	106	83	58	

4SK



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
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 60 Hz
Single phase motor with built-in capacitor

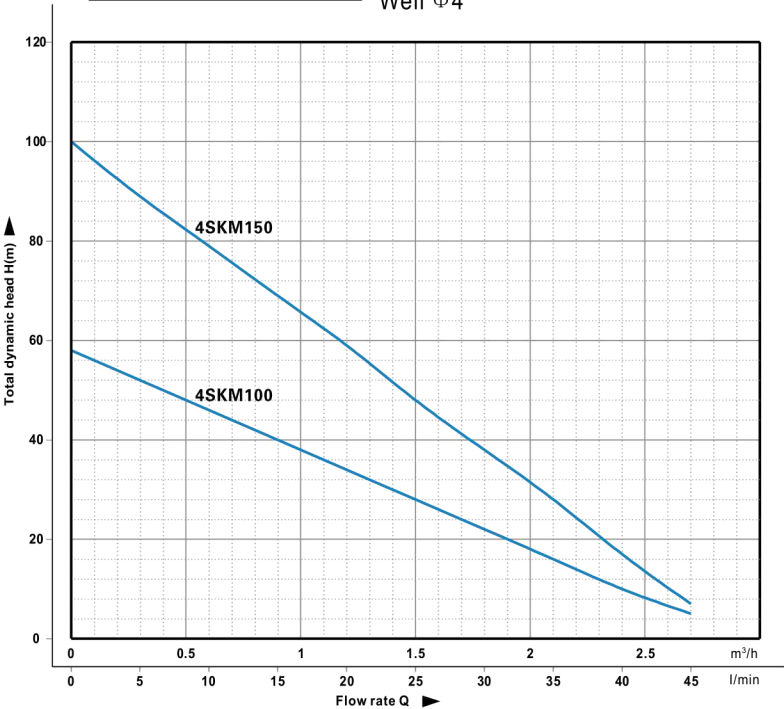
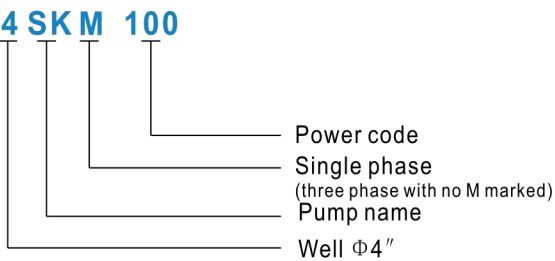
Warranty: 1 year

(according to our general sales conditions).

Model	Motor power		DELIVERY											
1~ 220-240V	KW	Hp	rpm:8500 r/min											
			Q	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
4SKM100	0.75	1	H(m)		58	52	46	40	34	28	22	16	10	5
4SKM150	1.1	1.5			100	89	79	69	59	48	38	28	17	7

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	①Cast-iron ASTM NO. 30 ②Cast-Cu ASTM C85500
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use

Model Instruction



QG

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
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 60 Hz
Single phase motor with built-in capacitor

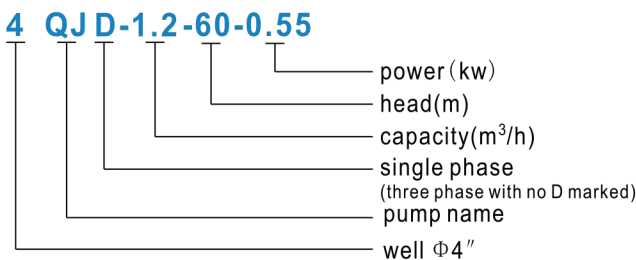
Warranty: 1 year

(according to our general sales conditions).



2QGD 3QGD 4QGD

Model Instruction



Components	Material
Delivery casing	AISI 304 SS
Strainer	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-iron ASTM NO. 30 ②Cast-Cu ASTM C85500
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use

Model	Motor power		DN	Max.Dia (mm)	DELIVERY		
	KW	Hp			CAPACITY (m³/h)	HEAD (m)	LENGTH (m)
1~ 220-240V							
2QGD1-50-0.37	0.37	0.5	1"	50	1.0	50	680
3QGD1.2-50-0.37	0.37	0.5	1"	50	1.2	50	560
3QGD1.2-60-0.55	0.55	0.75	1"	72	1.2	60	600
3QGD1.2-100-0.75	0.75	1	1"	72	1.2	100	680
4QGD1.2-60-0.37	0.37	0.5	1"	95	1.2	60	534
4QGD1.2-70-0.55	0.55	0.75	1"	95	1.2	70	571
4QGD1.2-90-0.75	0.75	1	1"	95	1.2	90	632
4QGD1.2-100-1.1	1.1	1.5	1"	95	1.2	100	652

SPECIAL CONTROL BOX FOR PUMP



MD

Manually operation control box of single-phase
For motor power no more than 1.5kw(2HP)



MC

Manually operation control box of single-phase
For motor power no more than 2.2kw(3HP)



MA

Manually operation control box of single-phase
For motor power no more than 1.5kw(2HP)



MB

Manually operation control box of single-phase
For motor power no more than 1.5kw(2HP)



XY-T01

Manually operation control box of three-phase
For motor power no more than 5.5kw(7.5HP)



XY-S01

Manually operation control box of single-phase
For motor power no more than 2.2kw(3HP)



L01



L02



L03



L04



L05



L06



L07



L08



L09



L10



L11



L12