



ZOHAG 中航

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2015
NEW Products





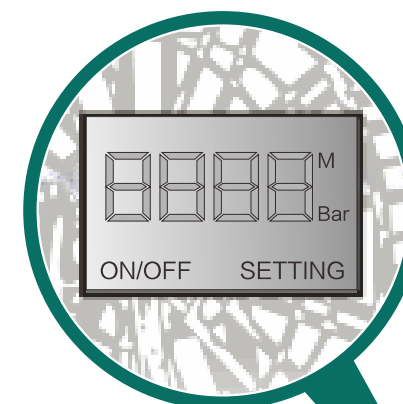


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Products are sold all over the world, favored by customers!
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Application: Domestic use, Irrigation, Landscape fountain, Factory sewage.



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3SD1/2

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:80m.
Minimum well diameter:3".

Motor and Pump

Rewindable motor or Full obturated screen motor
Three-phase:380V~415V/50Hz
Single-phase:220V~240V/50Hz
Pumps are designed by casing stressed
Curve tolerance according to ISO 2548

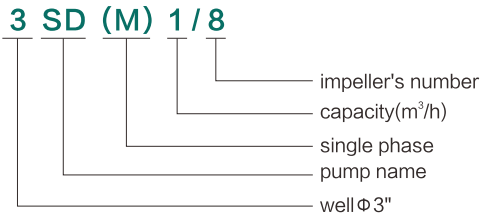
Options on request

Equip digital auto-control box
Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

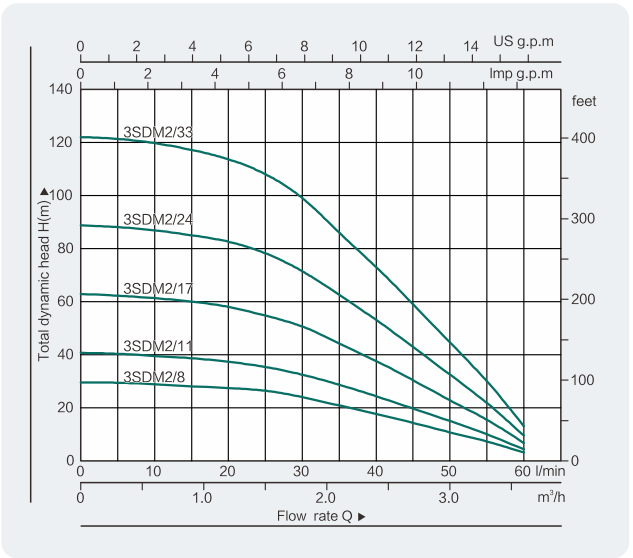
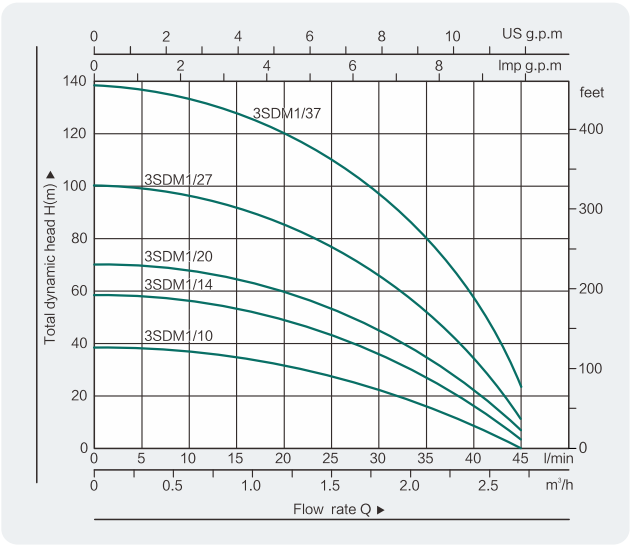
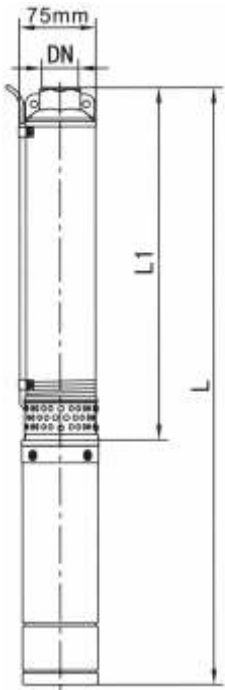
(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-Cu ASTM280
Suction lantern	Cast-Cu ASTM280
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top cover	Cast-Cu ASTM280
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



MODEL		DN	DIMENSIONS(mm)			WEIGHT(kg)	
1 ~ 220V/240V	3 ~ 380V/415V		L1	L (S)	L (T)	G (S)	G (T)
3SDM1/10	3SD1/10	1"	430	715	705	6.5	6
3SDM1/14	3SD1/14	1"	528	843	833	8	7.5
3SDM1/20	3SD1/20	1"	703	1058	1048	9	8.5
3SDM1/27	3SD1/27	1"	877	1272	1252	11	10
3SDM1/37	3SD1/37	1"	1150	1620	1595	13	12
3SDM2/8	3SD2/8	1"	396	681	671	6.5	6
3SDM2/11	3SD2/11	1"	476	791	781	8	7.5
3SDM2/17	3SD2/17	1"	673	992	928	9	8.5
3SDM2/24	3SD2/24	1"	851	1246	1226	11	10
3SDM2/33	3SD2/33	1"	1117	1587	1562	13	12

• In the list: L(S) is single phase motor,L(T) is three phase motor
• In the list: G(S) is single phase motor,G(T) is three phase motor



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n ≈ 2850 r/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	3.6		
						0	5	10	15	20	25	30	35	40	45	50	55	60		
3SDM1/10	3SD1/10	0.25	0.33	H(m)		37	37	36	35	32	30	26	22	15	6	–	–			
3SDM1/14	3SD1/14	0.37	0.5			52	52	50	48	45	42	37	30	22	9	–	–	–		
3SDM1/20	3SD1/20	0.55	0.75			75	74	72	69	65	59	52	43	31	12	–	–	–		
3SDM1/27	3SD1/27	0.75	1.0			101	100	97	93	88	80	71	58	42	17	–	–	–		
3SDM1/37	3SD1/37	1.1	1.5			138	137	133	128	120	110	97	80	57	23	–	–	–		
3SDM2/8	3SD2/8	0.25	0.33			30	29	29	28	28	26	24	21	18	14	11	7	3		
3SDM2/11	3SD2/11	0.37	0.5			41	40	40	39	38	36	33	29	24	20	15	10	4		
3SDM2/17	3SD2/17	0.55	0.75			63	62	62	60	59	56	51	44	38	30	23	15	7		
3SDM2/24	3SD2/24	0.75	1.0			89	88	87	85	83	79	72	63	53	43	33	22	9		
3SDM2/33	3SD2/33	1.1	1.5			122	121	120	117	114	108	99	86	73	59	45	30	13		

3.5SD2.5

3.5"

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:80m.
Minimum well diameter:3.5".

Motor and Pump

Rewindable motor or Full obturated screen motor
Three-phase:380V~415V/50Hz
Single-phase:220V~240V/50Hz
Pumps are designed by casing stressed
Curve tolerance according to ISO 2548

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

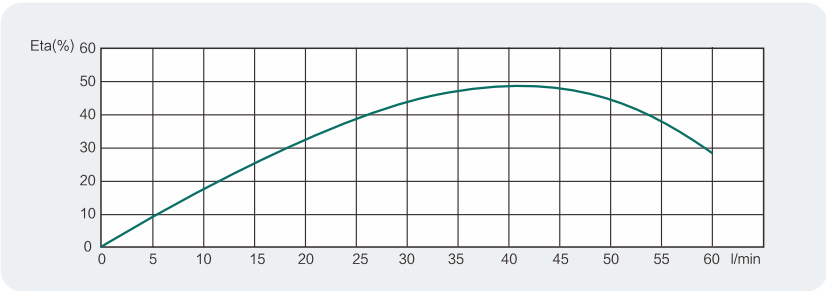
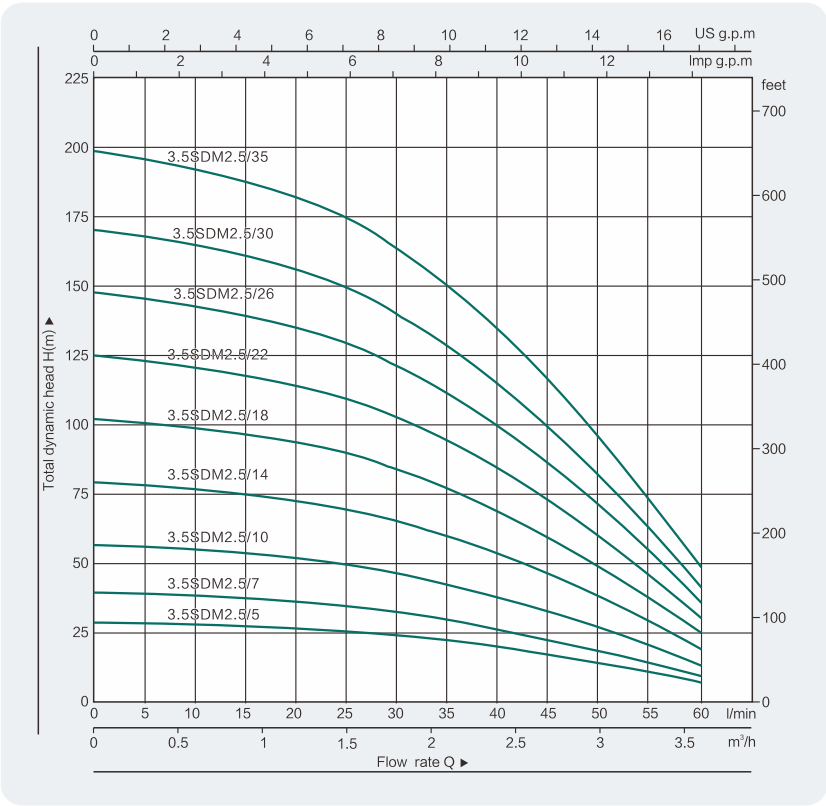
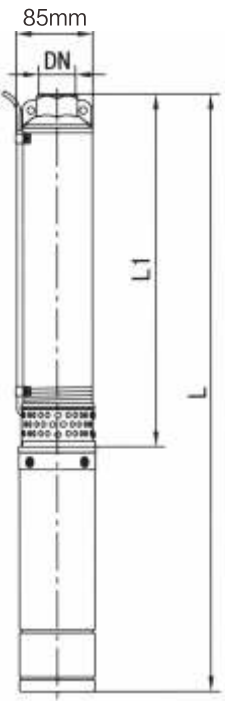
Warranty:1 year

(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-Cu ASTM280
Suction lantern	Cast-Cu ASTM280
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	Cast-Cu ASTM280
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

3.5 SD (M) 2.5 / 5

Impeller's number
capacity(m³/h)
single phase
pump name
well Φ 3.5"



MODEL		DN	DIMENSIONS(mm)			WEIGHT(kg)	
1 ~ 220V/240V	3 ~ 380V/415V		L1	L (s)	L (T)	G (s)	G (T)
3.5SDM2.5/5	3.5SD2.5/5	1½"	337	606	596	8	7
3.5SDM2.5/7	3.5SD2.5/7	1½"	383	662	680	9	9
3.5SDM2.5/10	3.5SD2.5/10	1½"	452	757	749	11	10
3.5SDM2.5/14	3.5SD2.5/14	1½"	544	874	856	12	11
3.5SDM2.5/18	3.5SD2.5/18	1½"	637	991	964	13	12
3.5SDM2.5/22	3.5SD2.5/22	1½"	761	1160	1108	16	14
3.5SDM2.5/26	3.5SD2.5/26	1½"	853	1253	1200	16	14
3.5SDM2.5/30	3.5SD2.5/30	1½"	946	1390	1323	19	16
3.5SDM2.5/35	3.5SD2.5/35	1½"	1061	1506	1438	20	17

• In the list: L(s) is single phase motor,L(T) is three phase motor
In the list: G(s) is single phase motor,G(T) is three phase motor

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n ≈ 2850 r/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	3.6		
3.5SDM2.5/5	3.5SD2.5/5	0.18	0.25	H (m)	28	28	27	27	26	25	23	21	19	17	14	10	7			
3.5SDM2.5/7	3.5SD2.5/7	0.25	0.33		40	39	38	38	36	35	33	30	27	23	19	14	10			
3.5SDM2.5/10	3.5SD2.5/10	0.37	0.5		57	56	55	54	52	50	47	43	38	33	27	21	14			
3.5SDM2.5/14	3.5SD2.5/14	0.55	0.75		80	78	77	75	73	70	65	60	54	46	38	29	20			
3.5SDM2.5/18	3.5SD2.5/18	0.75	1		102	101	99	97	94	89	84	77	69	60	49	37	25			
3.5SDM2.5/22	3.5SD2.5/22	1.1	1.5		125	123	121	118	114	109	102	94	84	73	60	45	31			
3.5SDM2.5/26	3.5SD2.5/26	1.1	1.5		148	146	143	140	135	129	121	111	100	86	71	53	36			
3.5SDM2.5/30	3.5SD2.5/30	1.5	2		171	168	165	161	156	149	140	129	115	99	81	62	42			
3.5SDM2.5/35	3.5SD2.5/35	1.5	2		199	196	192	188	182	174	163	150	134	116	95	72	49			

4SD 2

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:80m.
Minimum well diameter:4".

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
NEMA dimension standards
Curve tolerance according to ISO 2548

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

(according to our general sales conditions).

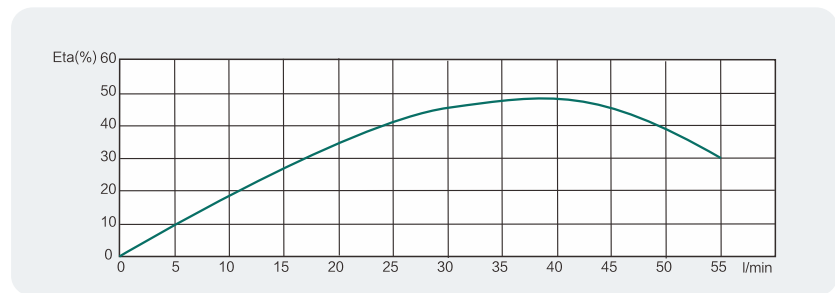
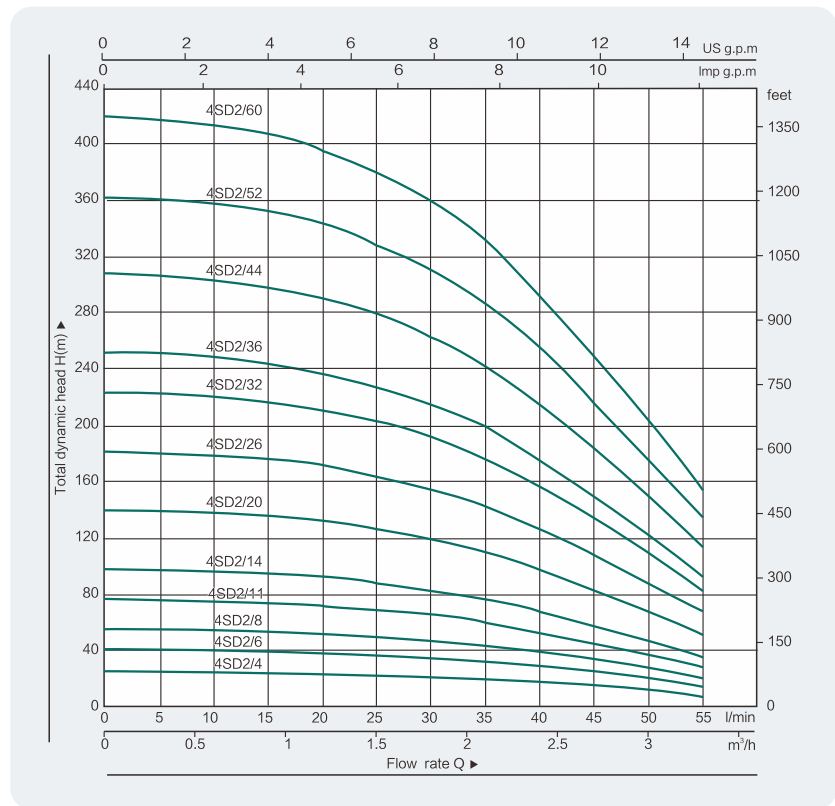
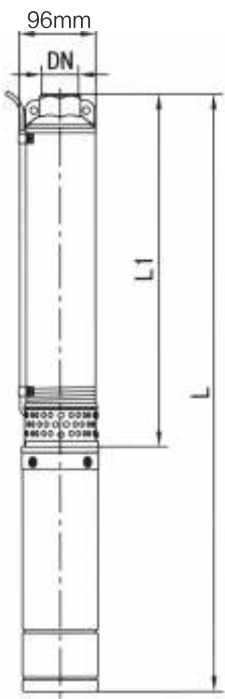
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM280 ② AISI 304 SS
Suction lantern	①Cast-Cu ASTM280 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM280 ②Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

4 SD (M) 2 / 4

Impeller's number
capacity(m³/h)
single phase
pump name
well Φ 4"

MODEL		DN	DIMENSIONS(mm)			WEIGHT(kg)	
1 ~ 220V/240V	3 ~ 380V/415V		L1	L (s)	L (T)	G (s)	G (T)
4SDM2/4	4SD2/4	1¼"/1½"	323	615	610	9	8
4SDM2/6	4SD2/6	1¼"/1½"	373	670	665	10	9
4SDM2/8	4SD2/8	1¼"/1½"	422	734	719	11	10
4SDM2/11	4SD2/11	1¼"/1½"	497	824	809	12	11
4SDM2/14	4SD2/14	1¼"/1½"	571	918	898	14	13
4SDM2/20	4SD2/20	1¼"/1½"	752	1139	1099	17	15
4SDM2/26	4SD2/26	1¼"/1½"	900	1347	1287	20	18
4SDM2/32	4SD2/32	1¼"/1½"	1067	1603	1514	26	22
4SDM2/36	4SD2/36	1¼"/1½"	1166	1702	1613	27	23
-	4SD2/44	1¼"/1½"	1396	-	1873	-	27
-	4SD2/52	1¼"/1½"	1595	-	2146	-	31
-	4SD2/60	1¼"/1½"	1793	-	2344	-	33

• In the list; L(s) is single phase motor,L(T) is three phase motor
• In the list; G(s) is single phase motor,G(T) is three phase motor



4"



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY																
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP	n ≈ 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	3.0	3.3	0	0.3	0.6	0.9	1.2	1.5	1.8
l/min	0	5	10	15	20	25	30	35	40	45	50	55	0	5	10	15	20	25	30	35
4SDM2/4	4SD2/4	0.18	0.25	28	28	28	27	26	25	24	22	20	17	13	10	10	10	10	10	10
4SDM2/6	4SD2/6	0.25	0.33	42	42	41	41	40	38	36	33	29	25	20	15	15	15	15	15	15
4SDM2/8	4SD2/8	0.37	0.5	56	56	55	54	53	51	48	47	43	39	33	27	21	21	21	21	21
4SDM2/11	4SD2/11	0.55	0.75	77	76	76	75	73	70	66	61	54	46	37	28	28	28	28	28	28
4SDM2/14	4SD2/14	0.75	1	98	97	97	95	92	89	84	77	69	58	47	36	36	36	36	36	36
4SDM2/20	4SD2/20	1.1	1.5	140	139	138	136	132	127	120	111	98	83	67	52	52	52	52	52	52
4SDM2/26	4SD2/26	1.5	2	182	181	179	176	172	165	156	144	127	108	88	67	67	67	67	67	67
4SDM2/32	4SD2/32	2.2	3	224	222	221	217	211	203	194	177	157	133	108	83	83	83	83	83	83
4SDM2/36	4SD2/36	2.2	3	252	250	248	244	238	228	215	199	176	149	121	93	93	93	93	93	93
-	4SD2/44	3	4	308	306	304	298	290	279	263	243	216	183	148	114	114	114	114	114	114
-	4SD2/52	4	5.5	364	361	359	353	343	329	311	288	255	216	175	134	134	134	134	134	134
-	4SD2/60	4	5.5	420	417	414	407	396	380	359	332	294	249	202	155	155	155	155	155	155

4SD 3

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:80m.
Minimum well diameter:4".

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
NEMA dimension standards
Curve tolerance according to ISO 2548

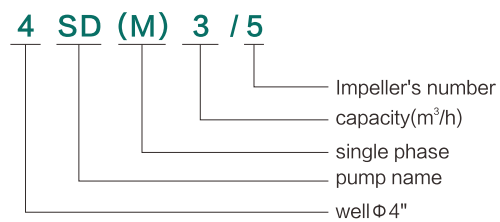
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

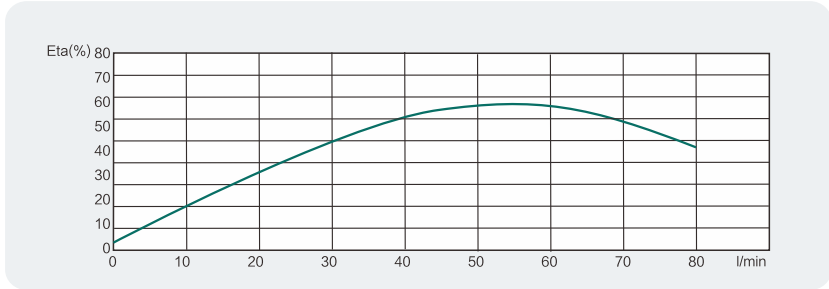
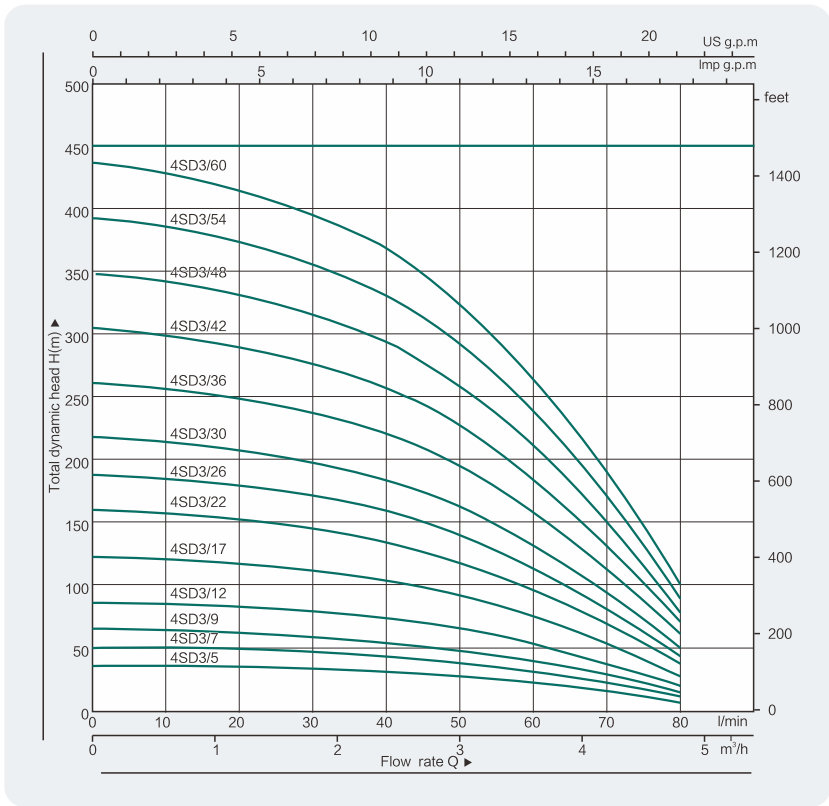
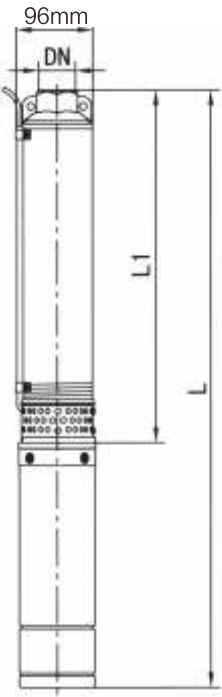
(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM280 ② AISI 304 SS
Suction lantern	①Cast-Cu ASTM280 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM280 ②Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



MODEL		DN	DIMENSIONS(mm)			WEIGHT(kg)	
1 ~ 220V/240V	3 ~ 380V/415V		L1	L (S)	L (T)	G (S)	G (T)
4SDM3/5	4SD3/5	1¼"/1½"	358	655	650	10	9
4SDM3/7	4SD3/7	1¼"/1½"	412	724	709	11	10
4SDM3/9	4SD3/9	1¼"/1½"	466	793	778	12	11
4SDM3/12	4SD3/12	1¼"/1½"	547	894	874	13	12
4SDM3/17	4SD3/17	1¼"/1½"	681	1068	1028	16	14
4SDM3/22	4SD3/22	1¼"/1½"	847	1294	1234	20	17
4SDM3/26	4SD3/26	1¼"/1½"	955	1491	1402	25	21
4SDM3/30	4SD3/30	1¼"/1½"	1083	1619	1530	26	22
-	4SD3/36	1¼"/1½"	1244	-	1721	-	25
-	4SD3/42	1¼"/1½"	1437	-	1988	-	30
-	4SD3/48	1¼"/1½"	1598	-	2149	-	31
-	4SD3/54	1¼"/1½"	1760	-	2381	-	35
-	4SD3/60	1¼"/1½"	1921	-	2542	-	36

• In the list: L(S) is single phase motor,L(T) is three phase motor
• In the list: G(S) is single phase motor,G(T) is three phase motor



4"



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY												n ≈ 2850 r/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
4SDM3/5	4SD3/5	0.25	0.33	H (m)	36	36	35	33	31	27	22	16	8				
4SDM3/7	4SD3/7	0.37	0.5		51	50	48	46	43	38	31	22	12				
4SDM3/9	4SD3/9	0.55	0.75		65	64	62	59	55	49	39	28	15				
4SDM3/12	4SD3/12	0.75	1		87	86	83	79	74	65	53	38	20				
4SDM3/17	4SD3/17	1.1	1.5		124	121	118	112	104	92	75	54	29				
4SDM3/22	4SD3/22	1.5	2		160	157	152	145	135	119	96	70	37				
4SDM3/26	4SD3/26	2.2	3		189	185	180	171	159	141	114	82	44				
4SDM3/30	4SD3/30	2.2	3		218	214	208	198	184	163	132	95	51				
-	4SD3/36	3	4		262	257	249	237	221	195	158	114	61				
-	4SD3/42	4	5.5		305	300	291	277	258	228	184	133	71				
-	4SD3/48	4	5.5		349	342	332	316	294	260	210	152	81				
-	4SD3/54	5.5	7.5		392	385	374	356	331	293	237	171	91				
-	4SD3/60	5.5	7.5		436	428	415	395	368	325	263	190	101				

4SD 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℃.
Maximum sand content:0.25%.
Maximum immersion:80m.
Minimum well diameter:4".

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
NEMA dimension standards
Curve tolerance according to ISO 2548

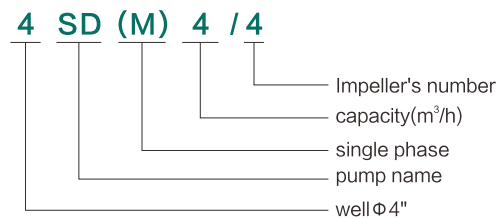
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

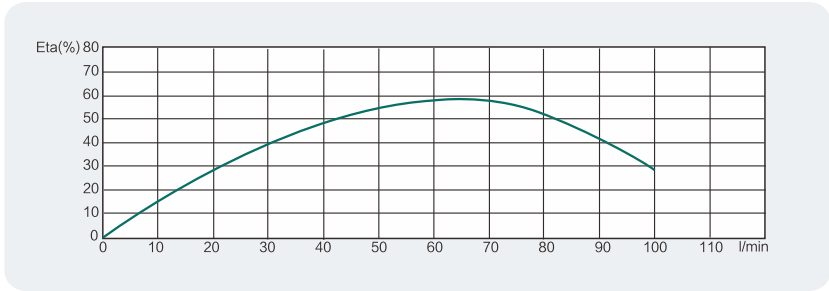
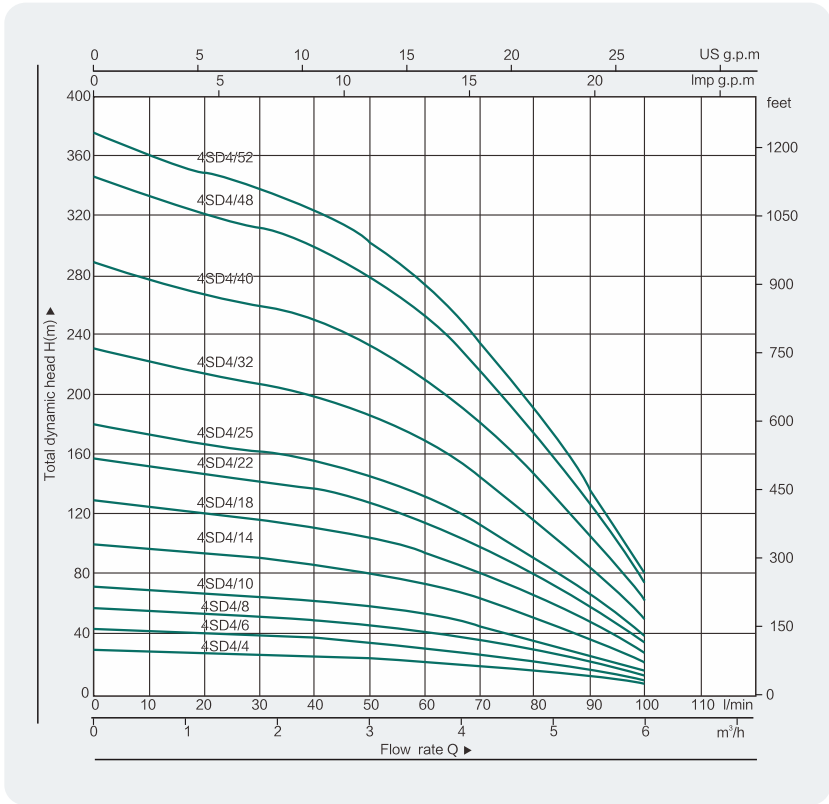
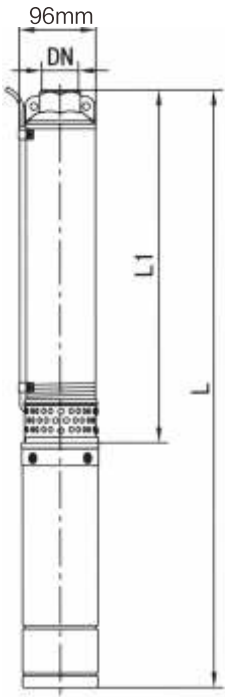
(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM280 ② AISI 304 SS
Suction lantern	①Cast-Cu ASTM280 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM280 ②Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



MODEL		DN	DIMENSIONS(mm)			WEIGHT(kg)	
1 ~ 220V/240V	3 ~ 380V/415V		L1	L (S)	L (T)	G (S)	G (T)
4SDM4/4	4SD4/4	1¼"/1½/2"	339	636	631	10	9
4SDM4/6	4SD4/6	1¼"/1½/2"	397	709	694	11	10
4SDM4/8	4SD4/8	1¼"/1½/2"	454	781	766	12	11
4SDM4/10	4SD4/10	1¼"/1½/2"	512	859	839	13	12
4SDM4/14	4SD4/14	1¼"/1½/2"	627	1014	974	16	14
4SDM4/18	4SD4/18	1¼"/1½/2"	742	1189	1129	19	17
4SDM4/22	4SD4/22	1¼"/1½/2"	889	1425	1336	25	20
4SDM4/25	4SD4/25	1¼"/1½/2"	976	1512	1423	25	21
-	4SD4/32	1¼"/1½/2"	1197	-	1674	-	25
-	4SD4/40	1¼"/1½/2"	1459	-	2010	-	30
-	4SD4/48	1¼"/1½/2"	1689	-	2310	-	35
-	4SD4/52	1¼"/1½/2"	1805	-	2426	-	36

• In the list: L(S) is single phase motor,L(T) is three phase motor
• In the list: G(S) is single phase motor,G(T) is three phase motor



4"



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n ≈ 2850 r/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	4.8	5.4	6.0	
					l/min	0	10	20	30	40	50	60	70	80	90	100	
4SDM4/4	4SD4/4	0.25	0.33	H(m)		29	28	27	26	25	23	21	18	15	11	6	
4SDM4/6	4SD4/6	0.37	0.55			43	42	40	39	37	35	32	27	22	16	9	
4SDM4/8	4SD4/8	0.55	0.75			58	56	54	52	50	47	42	36	29	21	12	
4SDM4/10	4SD4/10	0.75	1			72	69	67	65	62	58	53	46	37	27	16	
4SDM4/14	4SD4/14	1.1	1.5			101	97	94	91	87	82	74	64	51	37	22	
4SDM4/18	4SD4/18	1.5	2			130	125	121	117	112	105	95	82	66	48	28	
4SDM4/22	4SD4/22	2.2	3			159	153	148	143	137	128	116	100	81	59	34	
4SDM4/25	4SD4/25	2.2	3			181	174	168	162	156	146	132	114	92	67	39	
—	4SD4/32	3	4			231	222	215	208	199	186	169	146	118	86	50	
—	4SD4/40	4	5.5			289	278	268	260	249	233	211	182	147	107	62	
—	4SD4/48	5.5	5.5			347	333	322	312	299	280	253	219	176	128	75	
—	4SD4/52	5.5	7.5			376	361	349	338	324	303	274	237	191	139	81	

4SD 6

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:80m.
Minimum well diameter:4".

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
NEMA dimension standards
Curve tolerance according to ISO 2548

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

(according to our general sales conditions).

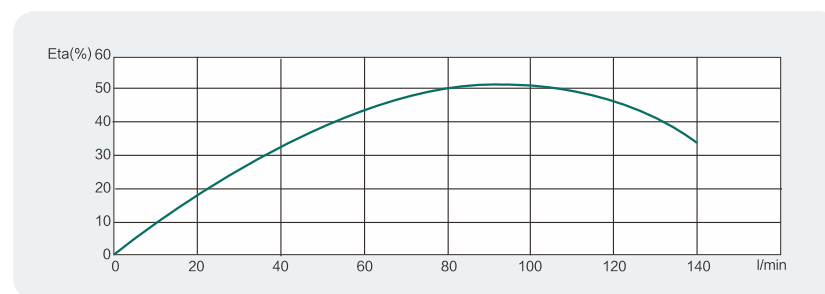
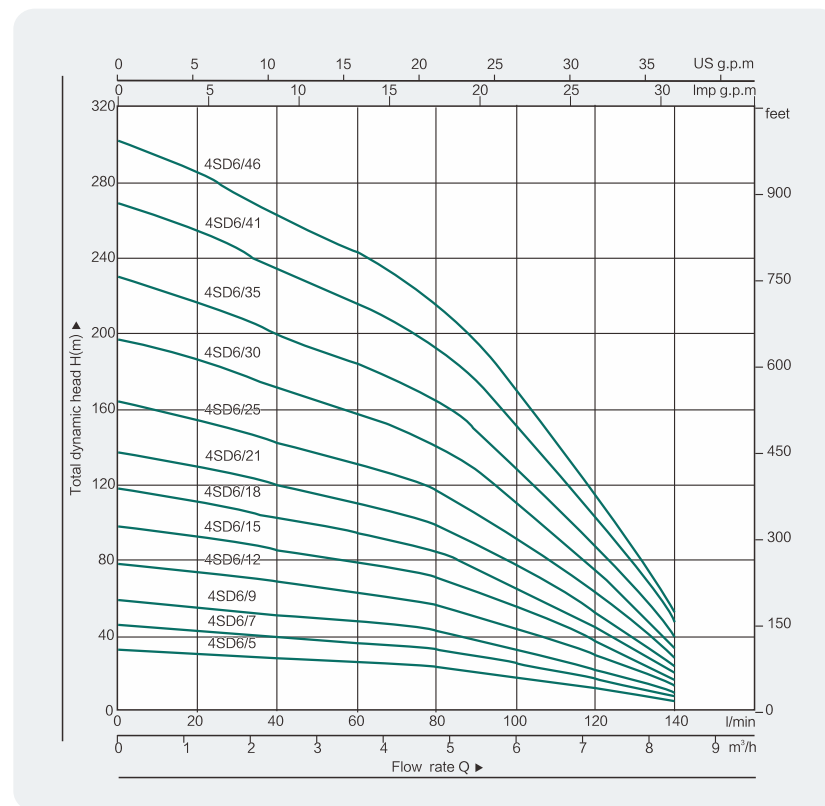
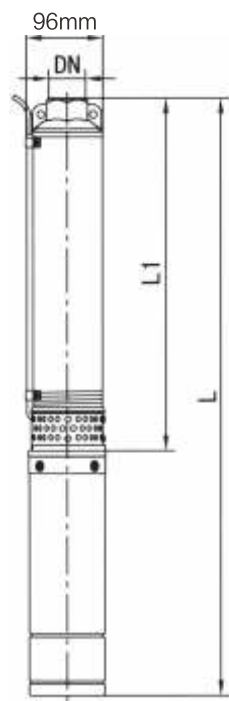
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM280 ② AISI 304 SS
Suction lantern	①Cast-Cu ASTM280 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM280 ②Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

4 SD (M) 6 / 5

Impeller's number
capacity(m³/h)
single phase
pump name
well Φ4"

MODEL		DN	DIMENSIONS(mm)			WEIGHT(kg)	
1 ~ 220V/240V	3 ~ 380V/415V		L1	L (S)	L (T)	G (S)	G (T)
4SDM6/5	4SD6/5	1¼"/1½/2"	397	709	694	11	10
4SDM6/7	4SD6/7	1¼"/1½/2"	458	785	770	12	11
4SDM6/9	4SD6/9	1¼"/1½/2"	519	866	846	13	12
4SDM6/12	4SD6/12	1¼"/1½/2"	611	998	958	16	14
4SDM6/15	4SD6/15	1¼"/1½/2"	703	1150	1090	19	17
4SDM6/18	4SD6/18	1¼"/1½/2"	795	1331	1242	24	20
4SDM6/21	4SD6/21	1¼"/1½/2"	918	1454	1365	25	221
—	4SD6/25	1¼"/1½/2"	1041	—	1518	—	24
—	4SD6/30	1¼"/1½/2"	1194	—	1746	—	28
—	4SD6/35	1¼"/1½/2"	1347	—	1968	—	32
—	4SD6/41	1¼"/1½/2"	1562	—	2183	—	34
—	4SD6/46	1¼"/1½/2"	1715	—	2426	—	39

• In the list; L(S) is single phase motor,L(T) is three phase motor
• In the list; G(S) is single phase motor,G(T) is three phase motor



4"



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY									
				n ≈ 2850 r/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)		33	31	28	26	23	18	12	6
4SDM6/7	4SD6/7	0.55	0.75			46	43	40	37	33	26	17	8
4SDM6/9	4SD6/9	0.75	1			59	56	51	47	42	33	22	10
4SDM6/12	4SD6/12	1.1	1.5			79	74	68	63	56	44	30	14
4SDM6/15	4SD6/15	1.5	2			98	93	85	79	70	55	37	17
4SDM6/18	4SD6/18	2.2	3			118	112	103	95	85	67	45	20
4SDM6/21	4SD6/21	2.2	3			138	130	120	110	99	78	52	24
—	4SD6/25	3	4			164	155	142	132	117	92	62	28
—	4SD6/30	4	5.5			197	186	171	158	141	111	75	34
—	4SD6/35	4	5.5			230	217	199	184	164	129	87	40
—	4SD6/41	5.5	7.5			269	254	234	216	193	152	103	46
—	4SD6/46	5.5	7.5			302	285	262	242	216	170	115	52

4SD 8

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:80m.
Minimum well diameter:4".

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
NEMA dimension standards
Curve tolerance according to ISO 2548

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

(according to our general sales conditions).

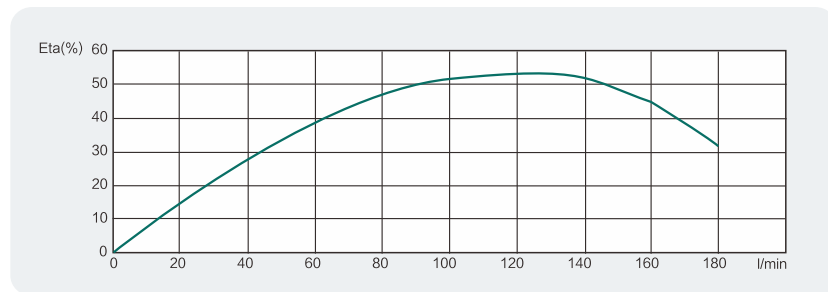
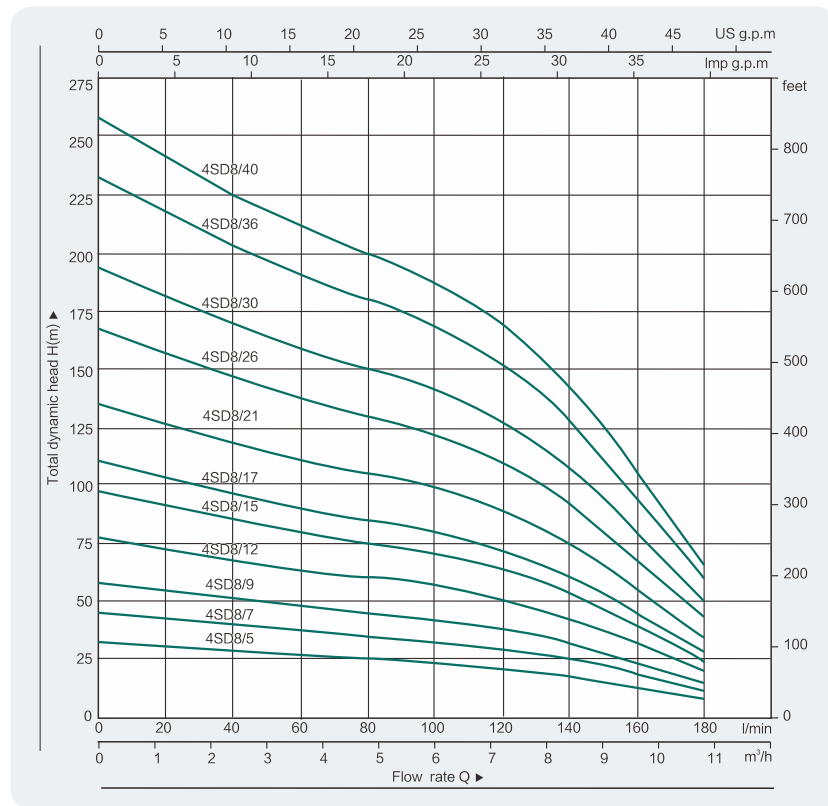
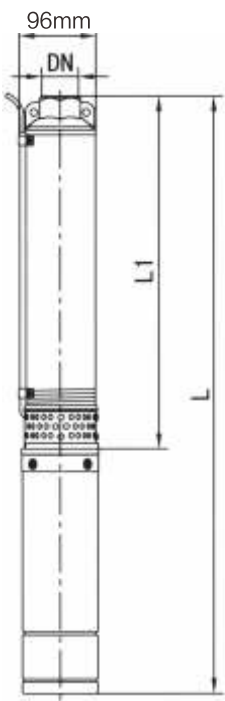
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM280 ② AISI 304 SS
Suction lantern	① Cast-Cu ASTM280 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM280 ② Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

4 SD (M) 8 / 5

Impeller's number
capacity(m³/h)
single phase
pump name
well Φ4"

MODEL		DN	DIMENSIONS(mm)			WEIGHT(kg)	
1 ~ 220V/240V	3 ~ 380V/415V		L1	L (S)	L (T)	G (S)	G (T)
4SDM8/5	4SD8/5	1¼"/1½/2"	434	761	746	12	11
4SDM8/7	4SD8/7	1¼"/1½/2"	510	857	837	13	12
4SDM8/9	4SD8/9	1¼"/1½/2"	586	973	933	16	14
4SDM8/12	4SD8/12	1¼"/1½/2"	700	1147	1087	19	17
4SDM8/15	4SD8/15	1¼"/1½/2"	814	1350	1261	24	20
4SDM8/17	4SD8/17	1¼"/1½/2"	890	1426	1337	25	20
-	4SD8/21	1¼"/1½/2"	1074	-	1551	-	24
-	4SD8/26	1¼"/1½/2"	1264	-	1815	-	29
-	4SD8/30	1¼"/1½/2"	1416	-	1967	-	30
-	4SD8/36	1¼"/1½/2"	1644	-	2265	-	34
-	4SD8/40	1¼"/1½/2"	1827	-	2448	-	36

• In the list: L(S) is single phase motor,L(T) is three phase motor
• In the list: G(S) is single phase motor,G(T) is three phase motor



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n ≈ 2850 r/min												
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP	Q	m³/h	0	1.2	2.4	3.6	4.8	6.0	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	H (m)	32	30	28	26	25	23	21	18	13	8		
4SDM8/7	4SD8/7	0.75	1		45	42	39	37	35	33	30	25	18	11		
4SDM8/9	4SD8/9	1.1	1.5		58	54	51	47	45	42	38	32	24	15		
4SDM8/12	4SD8/12	1.5	2		77	72	68	63	60	56	51	43	32	20		
4SDM8/15	4SD8/15	2.2	3		97	90	84	79	75	70	63	53	39	24		
4SDM8/17	4SD8/17	2.2	3		110	102	96	90	85	79	72	60	45	28		
-	4SD8/21	3	4		135	127	118	111	104	98	89	75	55	34		
-	4SD8/26	4	5.5		168	157	146	137	129	122	110	92	68	42		
-	4SD8/30	4	5.5		194	181	169	158	149	140	127	107	79	49		
-	4SD8/36	5.5	7.5		232	217	203	190	179	168	152	128	95	59		
-	4SD8/40	5.5	7.5		258	241	225	211	199	187	169	142	105	65		

4"



4SD 10

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:80m.
Minimum well diameter:4".

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
NEMA dimension standards
Curve tolerance according to ISO 2548

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

(according to our general sales conditions).

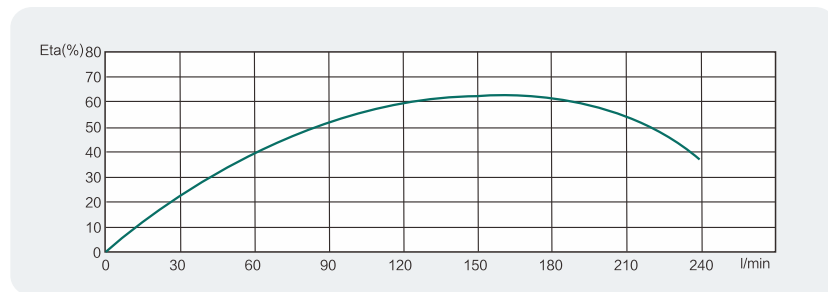
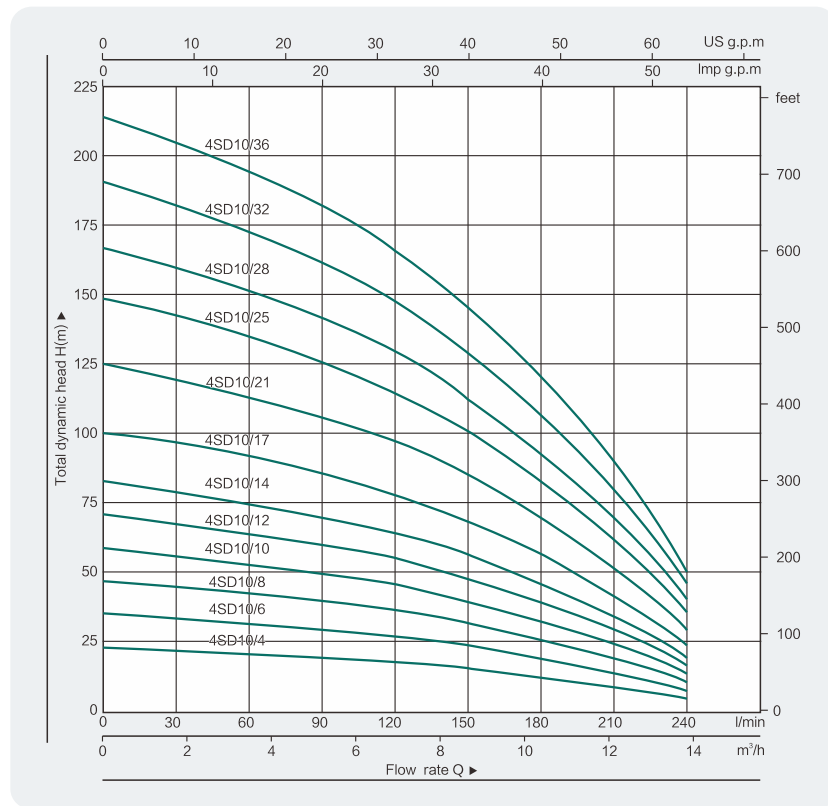
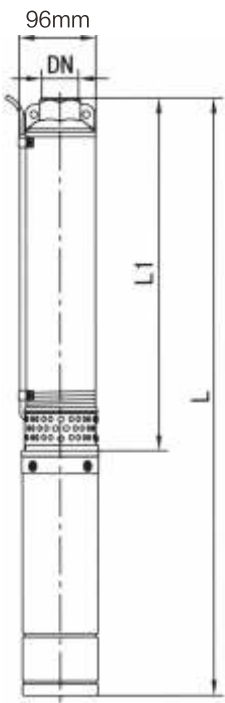
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM280 ② AISI 304 SS
Suction lantern	①Cast-Cu ASTM280 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM280 ②Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

4 SD (M) 10 / 4

Impeller's number
capacity(m³/h)
single phase
pump name
well Φ4"

MODEL		DN	DIMENSIONS(mm)			WEIGHT(kg)	
1 ~ 220V/240V	3 ~ 380V/415V		L1	L (S)	L (T)	G (S)	G (T)
4SDM10/4	4SD10/4	1¼"/1½/2"	396	723	708	11	11
4SDM10/6	4SD10/6	1¼"/1½/2"	472	819	799	13	12
4SDM10/8	4SD10/8	1¼"/1½/2"	548	935	895	16	14
4SDM10/10	4SD10/10	1¼"/1½/2"	624	1071	1001	19	16
4SDM10/12	4SD10/12	1¼"/1½/2"	700	1236	1137	24	19
4SDM10/14	4SD10/14	1¼"/1½/2"	776	1312	1213	24	20
-	4SD10/17	1¼"/1½/2"	890	-	1367	-	23
-	4SD10/21	1¼"/1½/2"	1074	-	1625	-	27
-	4SD10/25	1¼"/1½/2"	1226	-	1847	-	31
-	4SD10/28	1¼"/1½/2"	1340	-	1961	-	32
-	4SD10/32	1¼"/1½/2"	1492	-	2203	-	37
-	4SD10/36	1¼"/1½/2"	1644	-	2355	-	39

• In the list; L(S) is single phase motor,L(T) is three phase motor
• In the list; G(S) is single phase motor,G(T) is three phase motor



4"



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY											n ≈ 2850 r/min	
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP	Q	m³/h l/min	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4		
						0	30	60	90	120	150	180	210	240		
4SDM10/4	4SD10/4	0.55	0.75	H (m)		24	23	22	20	19	16	13	10	6		
4SDM10/6	4SD10/6	0.75	1			36	34	32	30	28	24	20	15	8		
4SDM10/8	4SD10/8	1.1	1.5			48	46	43	41	37	33	27	20	11		
4SDM10/10	4SD10/10	1.5	2			60	57	54	51	47	41	34	25	14		
4SDM10/12	4SD10/12	2.2	3			72	69	65	61	56	49	40	30	17		
4SDM10/14	4SD10/14	2.2	3			84	80	76	71	65	57	47	35	20		
—	4SD10/17	3	4			102	97	92	86	79	69	57	42	24		
—	4SD10/21	4	5.5			126	120	114	107	98	86	71	52	30		
—	4SD10/25	5.5	7.5			150	143	135	127	117	102	84	62	35		
—	4SD10/28	5.5	7.5			168	160	152	142	131	114	90	70	40		
—	4SD10/32	7.5	10			192	183	173	163	149	131	108	80	45		
—	4SD10/36	7.5	10			216	206	195	183	168	147	121	90	51		

4SD 12

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:80m.
Minimum well diameter:4".

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
NEMA dimension standards
Curve tolerance according to ISO 2548

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

(according to our general sales conditions).

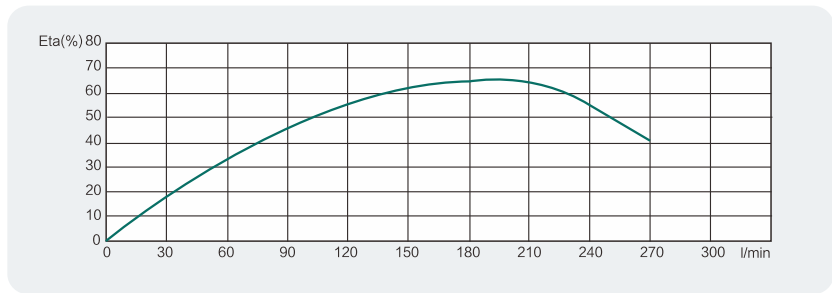
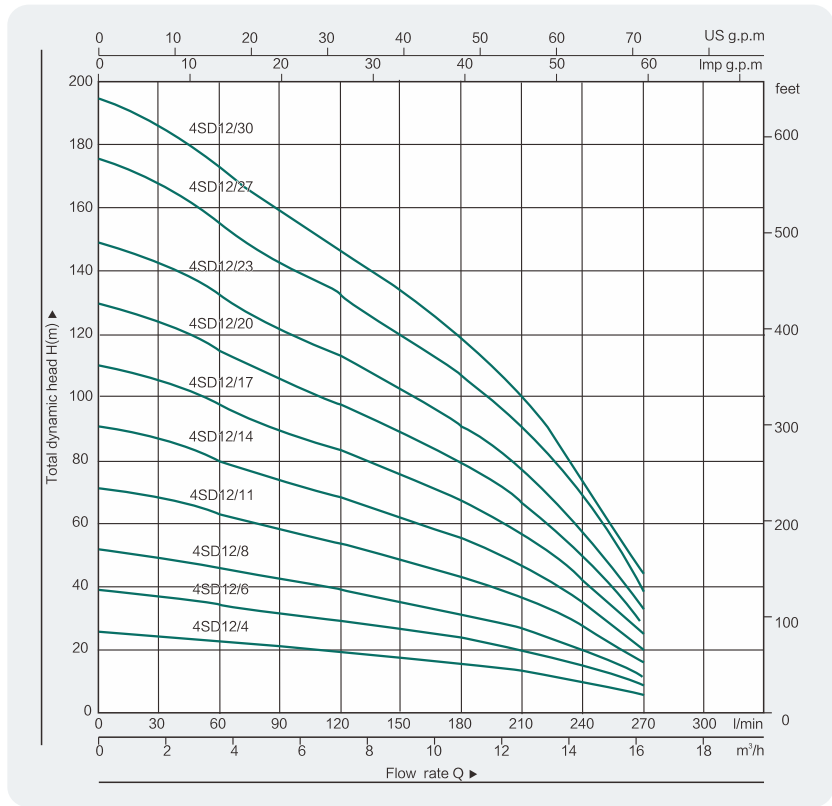
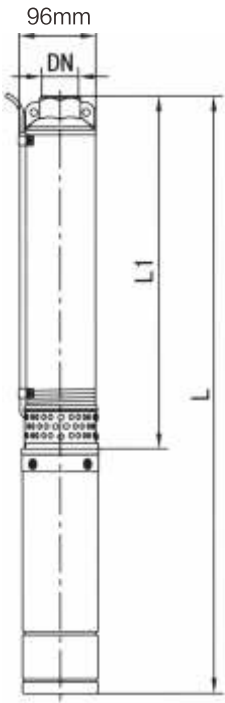
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM280 ② AISI 304 SS
Suction lantern	① Cast-Cu ASTM280 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM280 ② Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

4 SD (M) 12 / 4

Impeller's number
capacity(m³/h)
single phase
pump name
well Φ4"

MODEL		DN	DIMENSIONS(mm)			WEIGHT(kg)	
1 ~ 220V/240V	3 ~ 380V/415V		L1	L (S)	L (T)	G (S)	G (T)
4SDM12/4	4SD12/4	1½"/2"	452	799	779	13	12
4SDM12/6	4SD12/6	1½"/2"	549	936	896	15	13
4SDM12/8	4SD12/8	1½"/2"	645	1092	1032	19	16
4SDM12/11	4SD12/11	1½"/2"	790	1326	1237	24	20
-	4SD12/14	1½"/2"	935	-	1412	-	23
-	4SD12/17	1½"/2"	1080	-	1631	-	27
-	4SD12/20	1½"/2"	1257	-	1878	-	32
-	4SD12/23	1½"/2"	1401	-	2022	-	33
-	4SD12/27	1½"/2"	1595	-	2306	-	38
-	4SD12/30	1½"/2"	1740	-	2451	-	39

• In the list: L(S) is single phase motor,L(T) is three phase motor
• In the list: G(S) is single phase motor,G(T) is three phase motor



4"



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n ≈ 2850 r/min											
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP	Q	m³/h	0	1.8	3.6	5.4	7.2	9.0	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	H (m)	26	25	23	21	20	18	16	13	10	6	
4SDM12/6	4SD12/6	1.1	1.5		39	37	35	32	29	27	24	20	15	9	
4SDM12/8	4SD12/8	1.5	2		52	50	46	42	39	36	32	27	20	12	
4SDM12/11	4SD12/11	2.2	3		72	68	63	58	54	49	44	37	28	16	
-	4SD12/14	3	4		91	87	81	74	69	63	56	47	35	21	
-	4SD12/17	4	5.5		111	105	98	90	83	76	67	57	43	25	
-	4SD12/20	5.5	7.5		130	124	115	106	98	89	79	67	50	29	
-	4SD12/23	5.5	7.5		150	143	133	122	113	103	91	77	58	34	
-	4SD12/27	7.5	10		176	167	156	143	132	121	107	91	68	40	
-	4SD12/30	7.5	10		195	186	173	159	147	134	119	101	75	44	

100QJD 2

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:80m.
Minimum well diameter:4".

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
NEMA dimension standards
Curve tolerance according to ISO 2548

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

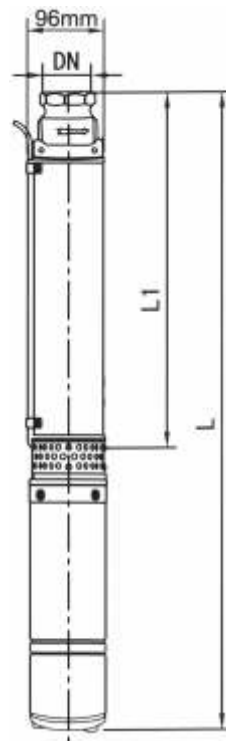
Warranty:1 year

(according to our general sales conditions).

Components	Material
Pump external casing	AISI 201 SS
Delivery casing	① Cast iron ② Cast-Cu ASTM280 ③ AISI 304 SS
Suction lantern	① Cast iron ② Cast-Cu ASTM280 ③ AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 201 SS
Top chock	①Cast-Cu ASTM280 ②Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

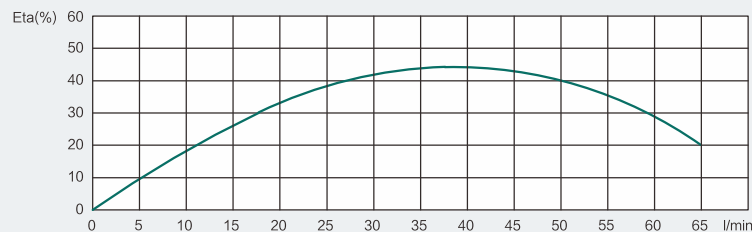
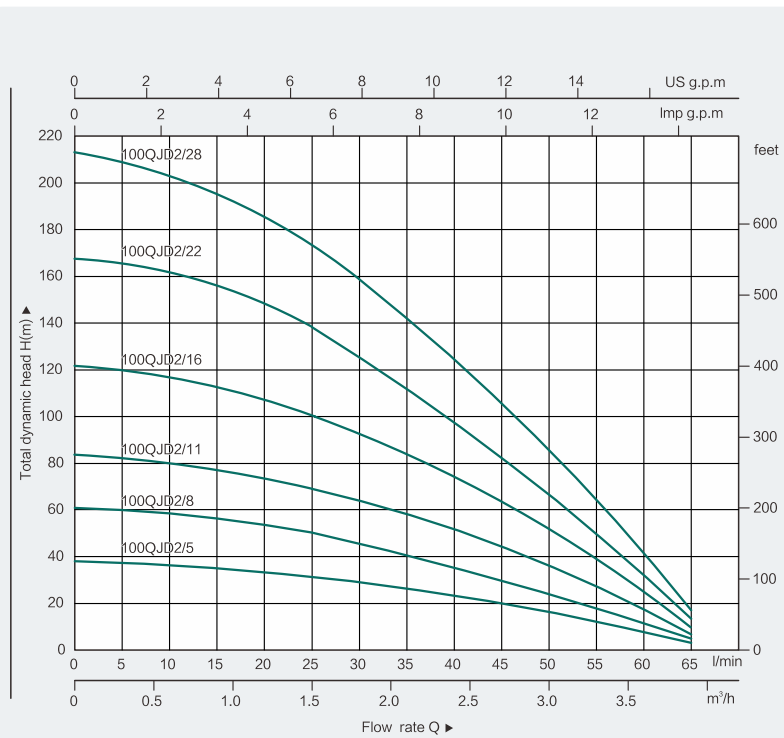
100 Q J D 2 / 5

Impeller's number
capacity(m³/h)
single phase
pump name
well Φ4"



MODEL		DN	DIMENSIONS(mm)			WEIGHT(kg)	
1 ~ 220V/240V	3 ~ 380V/415V		L1	L (S)	L (T)	G (S)	G (T)
100QJD2/5	100QJ2/5	1"	336	636	636	9.5	9.2
100QJD2/8	100QJ2/8	1"	409	729	719	11	10
100QJD2/11	100QJ2/11	1"	520	860	850	13	12
100QJD2/16	100QJ2/16	1"	642	1012	992	16	14
100QJD2/22	100QJ2/22	1"	766	1166	1156	19	17.5
100QJD2/28	100QJ2/28	1"	916	1356	1331	22	20

• In the list: L(S) is single phase motor,L(T) is three phase motor
• In the list: G(S) is single phase motor,G(T) is three phase motor



4"



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY														n ≈ 2850 r/min			
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP	Q	$\frac{\text{m}^3/\text{h}}{\text{l/min}}$	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			
						0	5	10	15	20	25	30	35	40	45	50	55	60			
100QJD2/5	100QJ2/5	0.37	0.5	H (m)		38	37	36	35	33	31	28	25	22	19	15	11	7			
100QJD2/8	100QJ2/8	0.55	0.75			61	60	58	56	53	49	45	41	36	30	25	18	12			
100QJD2/11	100QJ2/11	0.75	1.0			84	82	80	77	73	68	62	56	49	42	34	25	16			
100QJD2/16	100QJ2/16	1.1	1.5			122	119	116	111	106	99	91	81	71	61	49	37	24			
100QJD2/22	100QJ2/22	1.5	2.0			167	164	160	153	146	136	125	112	98	83	68	50	33			
100QJD2/28	100QJ2/28	2.2	3.0			213	209	203	195	186	173	159	142	125	106	86	64	42			

100QJD 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℃.
Maximum sand content:0.25%.
Maximum immersion:80m.
Minimum well diameter:4".

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
NEMA dimension standards
Curve tolerance according to ISO 2548

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

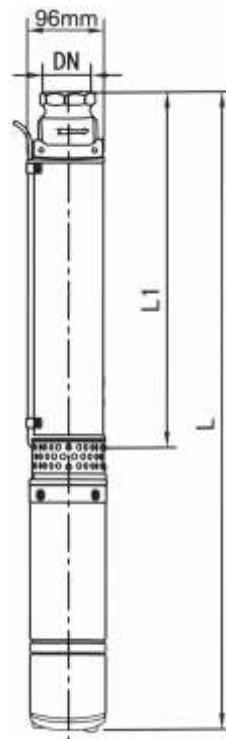
Warranty:1 year

(according to our general sales conditions).

Components	Material
Pump external casing	AISI 201 SS
Delivery casing	① Cast iron ② Cast-Cu ASTM280 ③ AISI 304 SS
Suction lantern	① Cast iron ② Cast-Cu ASTM280 ③ AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 201 SS
Top chock	①Cast-Cu ASTM280 ②Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

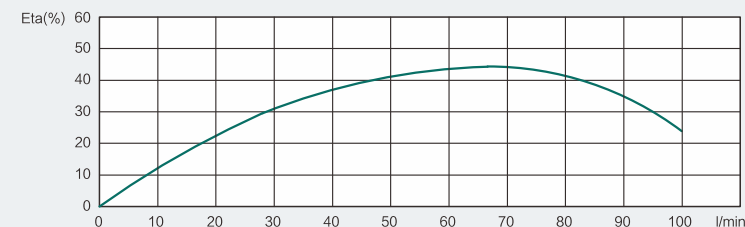
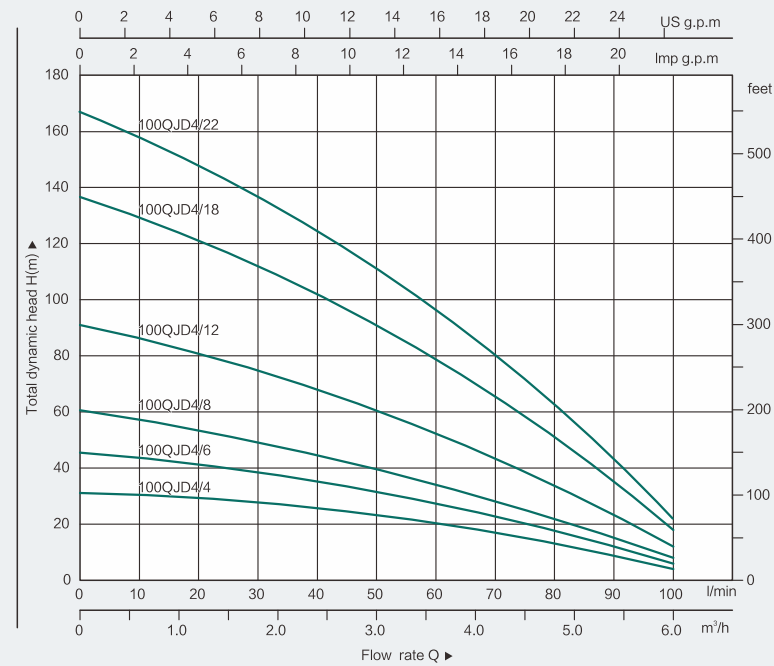
100 QJ D 4 / 4

Impeller's number
capacity(m³/h)
single phase
pump name
well Φ4"

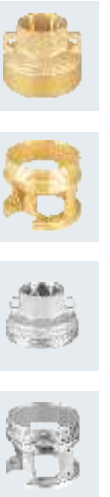


MODEL		DN	DIMENSIONS(mm)			WEIGHT(kg)	
1 ~ 220V/240V	3 ~ 380V/415V		L1	L (S)	L (T)	G (S)	G (T)
100QJD4/4	100QJ4/4	1"/1½"	329	629	629	10	9.7
100QJD4/6	100QJ4/6	1"/1½"	385	705	695	12	10.5
100QJD4/8	100QJ4/8	1"/1½"	443	783	773	13.5	12.5
100QJD4/12	100QJ4/12	1"/1½"	557	927	907	16.5	14
100QJD4/18	100QJ4/18	1"/1½"	749	1149	1139	19	18
100QJD4/22	100QJ4/22	1"/1½"	837	1277	1252	23	20.5

• In the list: L(S) is single phase motor,L(T) is three phase motor
• In the list: G(S) is single phase motor,G(T) is three phase motor



4"



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY														n ≈ 2850 r/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	4.8	5.4	6.0	0	0.6	1.2	1.8	2.4
100QJD4/4	100QJ4/4	0.37	0.5	H (m)	l/min	0	10	20	30	40	50	60	70	80	90	100	0	10	20	30	40
100QJD4/6	100QJ4/6	0.55	0.75			30	29	27	25	23	20	18	15	11	8	4	30	29	27	25	23
100QJD4/8	100QJ4/8	0.75	1.0			46	43	40	37	34	31	26	22	17	12	6	46	43	40	37	34
100QJD4/12	100QJ4/12	1.1	1.5			61	57	54	50	45	41	35	29	23	16	8	61	57	54	50	45
100QJD4/18	100QJ4/18	1.5	2.0			91	86	81	75	68	61	53	44	34	23	12	91	86	81	75	68
100QJD4/22	100QJ4/22	2.2	3.0			137	129	121	112	102	92	79	65	52	35	18	137	129	121	112	102
						167	158	148	137	125	112	97	80	63	43	22					

100QJD 6

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.
Minimum well diameter: 4".

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
NEMA dimension standards
Curve tolerance according to ISO 2548

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

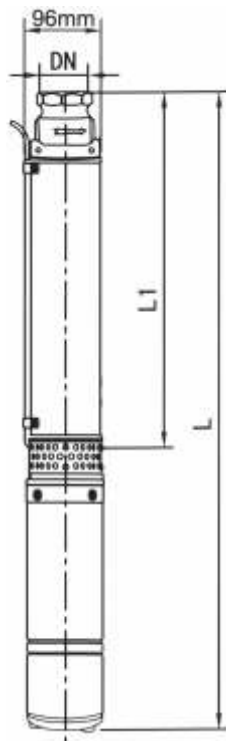
Warranty: 1 year

(according to our general sales conditions).

Components	Material
Pump external casing	AISI 201 SS
Delivery casing	① Cast iron ② Cast-Cu ASTM280 ③ AISI 304 SS
Suction lantern	① Cast iron ② Cast-Cu ASTM280 ③ AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 201 SS
Top chock	① Cast-Cu ASTM280 ② Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

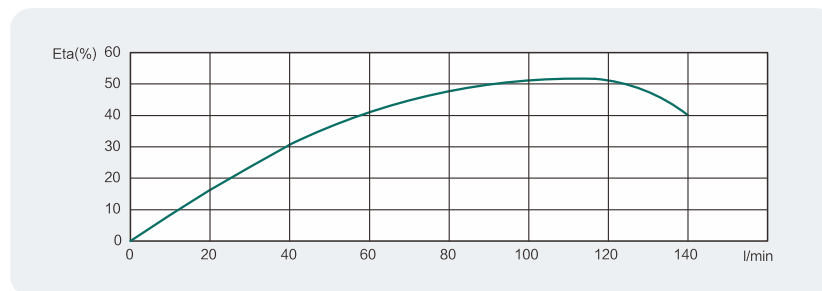
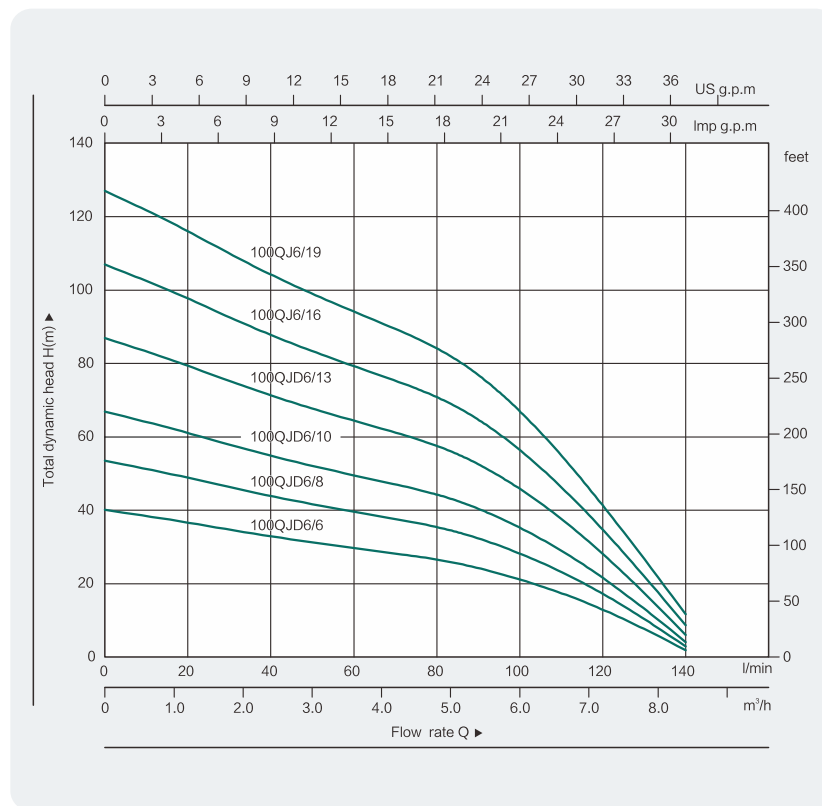
100 QJ D 6 / 6

Impeller's number
capacity(m³/h)
single phase
pump name
well Φ4"

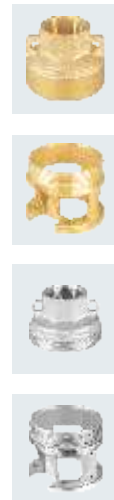


MODEL		DN	DIMENSIONS(mm)			WEIGHT(kg)	
1 ~ 220V/240V	3 ~ 380V/415V		L1	L (S)	L (T)	G (S)	G (T)
100QJD6/6	100QJ6/6	1½"/1½"	441	781	771	13	12.3
100QJD6/8	100QJ6/8	1½"/1½"	517	887	867	15.7	14
100QJD6/10	100QJ6/10	1½"/1½"	593	993	983	18.5	17.5
100QJD6/13	100QJ6/13	1½"/1½"	706	1146	1121	22	20
-	100QJ6/16	1½"/1½"	842	-	1282	-	22
-	100QJ6/19	1½"/1½"	934	-	1399	-	25

• In the list: L(S) is single phase motor, L(T) is three phase motor
• In the list: G(S) is single phase motor, G(T) is three phase motor



4"



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY								
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP	Q	n ≈ 2850 r/min							
				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
100QJD6/6	100QJ6/6	0.75	1.0	H (m)	40	37	33	30	27	21	13	4
100QJD6/8	100QJ6/8	1.1	1.5		53	49	44	40	35	28	17	5
100QJD6/10	100QJ6/10	1.5	2.0		67	61	55	49	44	35	22	6
100QJD6/13	100QJ6/13	2.2	3.0		87	79	71	64	57	46	28	8
-	100QJ6/16	3.0	4.0		107	98	88	79	71	56	35	10
-	100QJ6/19	4.0	5.5		127	116	104	94	84	67	41	12

100QJD 8

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:80m.
Minimum well diameter:4".

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
NEMA dimension standards
Curve tolerance according to ISO 2548

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

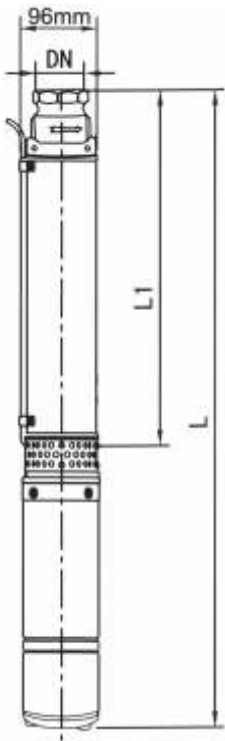
Warranty:1 year

(according to our general sales conditions).

Components	Material
Pump external casing	AISI 201 SS
Delivery casing	① Cast iron ② Cast-Cu ASTM280 ③ AISI 304 SS
Suction lantern	① Cast iron ② Cast-Cu ASTM280 ③ AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 201 SS
Top chock	①Cast-Cu ASTM280 ②Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

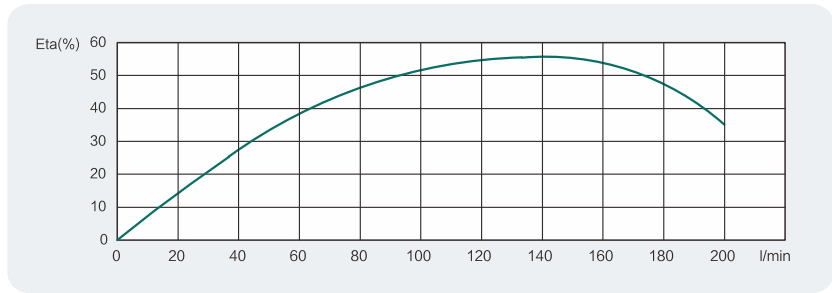
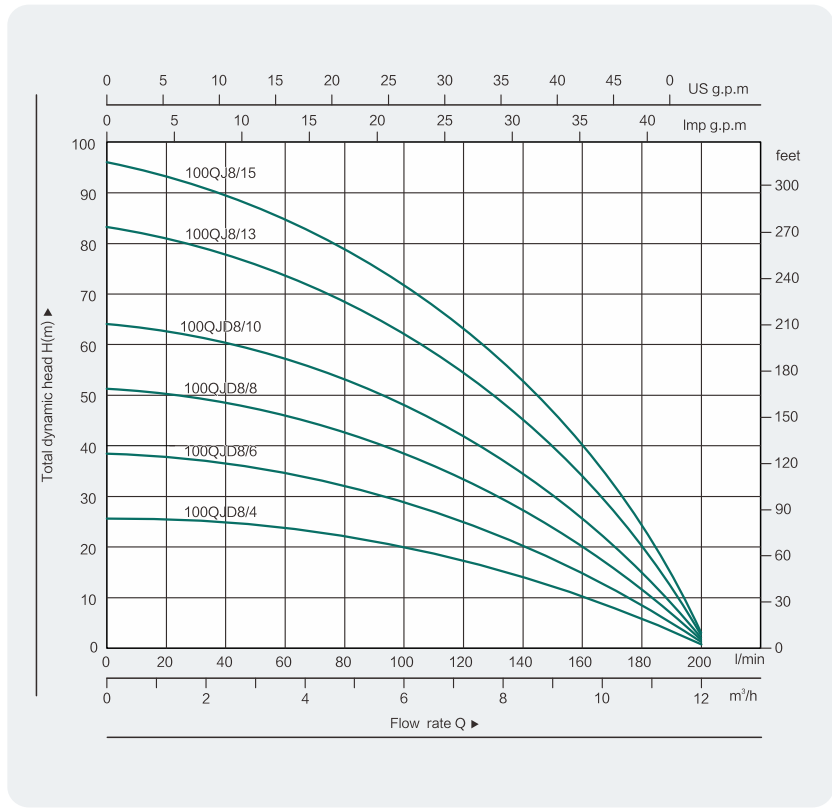
100 QJ D 8 / 4

Impeller's number
capacity(m³/h)
single phase
pump name
well Φ 4"



MODEL		DN	DIMENSIONS(mm)			WEIGHT(kg)	
1 ~ 220V/240V	3 ~ 380V/415V		L1	L (S)	L (T)	G (S)	G (T)
100QJD8/4	100QJ8/4	1½ " / 2"	388	728	718	13.5	13
100QJD8/6	100QJ8/6	1½ " / 2"	474	844	824	16	15
100QJD8/8	100QJ8/8	1½ " / 2"	561	961	951	19	18.5
100QJD8/10	100QJ8/10	1½ " / 2"	648	1088	1063	22.6	20.5
—	100QJ8/13	1½ " / 2"	803	—	1243	—	23
—	100QJ8/15	1½ " / 2"	873	—	1338	—	25.5

• In the list: L(S) is single phase motor,L(T) is three phase motor
• In the list: G(S) is single phase motor,G(T) is three phase motor



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY												n ≈ 2850 r/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	12			
						0	20	40	60	80	100	120	140	160	180	200			
100QJD8/4	100QJ8/4	0.75	1.0	H (m)		26	25	24	23	21	19	17	14	11	6	1			
100QJD8/6	100QJ8/6	1.1	1.5			38	37	36	34	32	29	25	21	16	9	1			
100QJD8/8	100QJ8/8	1.5	2.0			51	50	47	45	42	38	34	28	21	12	2			
100QJD8/10	100QJ8/10	2.2	3.0			64	62	59	57	53	48	42	35	27	15	2			
—	100QJ8/13	3.0	4.0			83	81	77	74	68	62	55	46	35	20	3			
—	100QJ8/15	4.0	5.5			96	93	89	85	79	72	63	53	40	23	3			

4"



4SP 2

Applications

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

Operating conditions

Maximum fluid temperature up to +50℃.
Maximum sand content:0.25%.
Maximum immersion:80m.
Minimum well diameter:4".

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
NEMA dimension standards
Curve tolerance according to ISO 2548

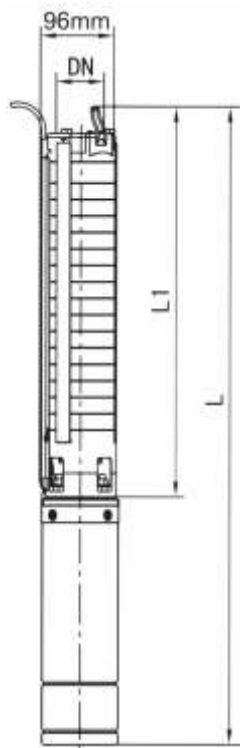
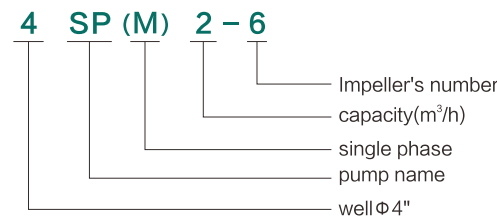
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

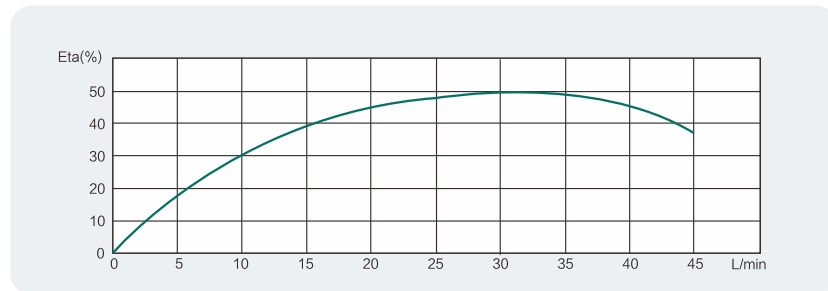
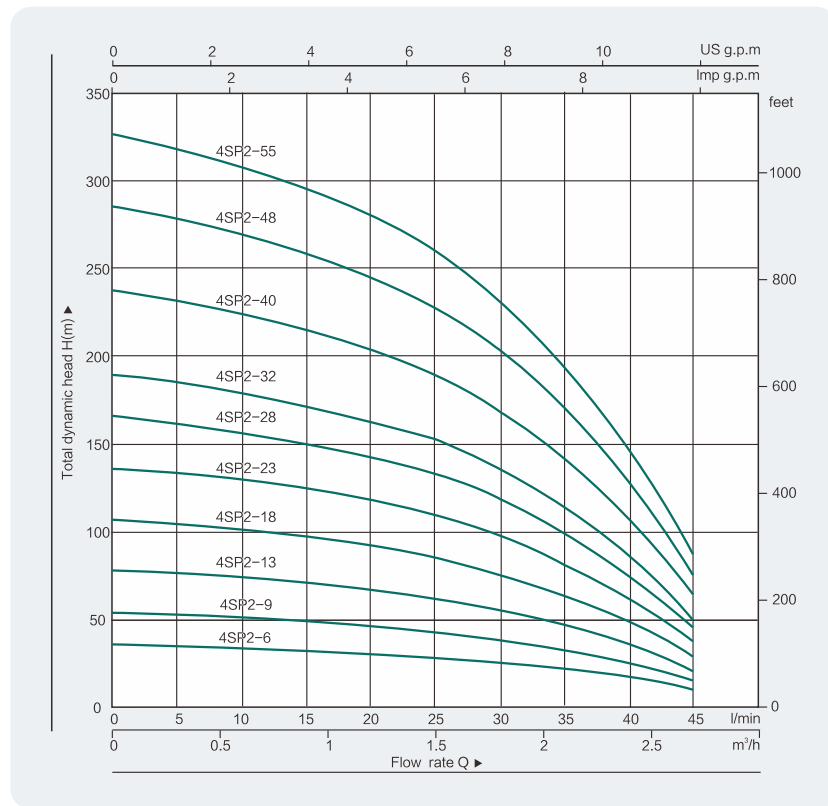
(according to our general sales conditions).

Components	Material
Delivery casing	① AISI 304 SS ② AISI 316 SS
Check valve	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Stage casing	① AISI 304 SS ② AISI 316 SS
Impeller	① AISI 304 SS ② AISI 316 SS
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM280 ② Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



MODEL		DN	DIMENSIONS(mm)			WEIGHT(kg)	
1 ~ 220V/240V	3 ~ 380V/415V		L1	L (S)	L (T)	G (S)	G (T)
4SPM2-6	4SP2-6	1¼"/1½"	279	546	531	10	9
4SPM2-9	4SP2-9	1¼"/1½"	342	609	594	11	10
4SPM2-13	4SP2-13	1¼"/1½"	426	708	693	12	12
4SPM2-18	4SP2-18	1¼"/1½"	531	833	813	15	14
4SPM2-23	4SP2-23	1¼"/1½"	636	978	938	18	16
4SPM2-28	4SP2-28	1¼"/1½"	741	1143	1073	22	19
4SPM2-32	4SP2-32	1¼"/1½"	825	1227	1157	23	20
4SPM2-40	4SP2-40	1¼"/1½"	993	1470	1385	29	25
4SPM2-48	4SP2-48	1¼"/1½"	1161	1638	1553	31	27
-	4SP2-55	1¼"/1½"	1308	-	1740	-	31

• In the list; L(S) is single phase motor,L(T) is three phase motor
• In the list; G(S) is single phase motor,G(T) is three phase motor



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n ≈ 2850 r/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
					l/min	0	5	10	15	20	25	30	35	40	45
4SPM2-6	4SP2-6	0.37	0.5	H (m)	36	35	33	32	31	28	25	21	16	9	
4SPM2-9	4SP2-9	0.37	0.5		53	52	50	48	46	43	38	32	24	14	
4SPM2-13	4SP2-13	0.55	0.75		77	75	73	70	66	61	55	46	35	20	
4SPM2-18	4SP2-18	0.75	1		107	104	100	97	92	85	76	63	48	28	
4SPM2-23	4SP2-23	1.1	1.5		136	133	128	123	117	109	97	81	61	36	
4SPM2-28	4SP2-28	1.5	2		166	161	156	150	143	132	118	99	74	43	
4SPM2-32	4SP2-32	1.5	2		190	184	179	172	163	151	135	113	85	49	
4SPM2-40	4SP2-40	2.2	3		237	231	223	215	204	189	169	141	106	62	
4SPM2-48	4SP2-48	2.2	3		285	277	168	257	244	227	202	169	127	74	
-	4SP2-55	3	4		326	317	307	295	280	260	232	194	146	85	

4SP 3

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 +50℃.
Maximum sand content:0.25%.
Maximum immersion:80m.
Minimum well diameter:4".

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
NEMA dimension standards
Curve tolerance according to ISO 2548

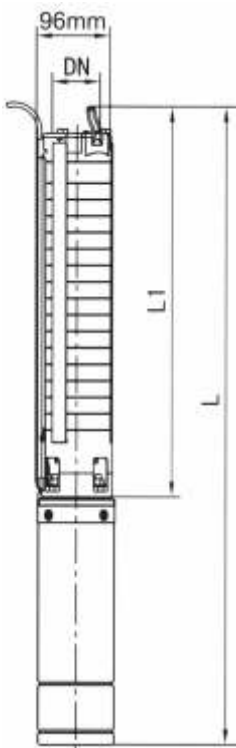
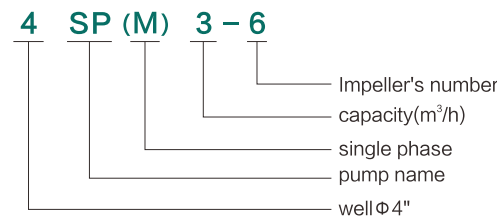
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

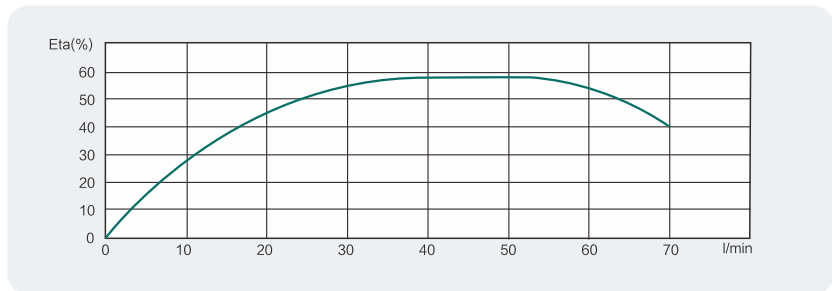
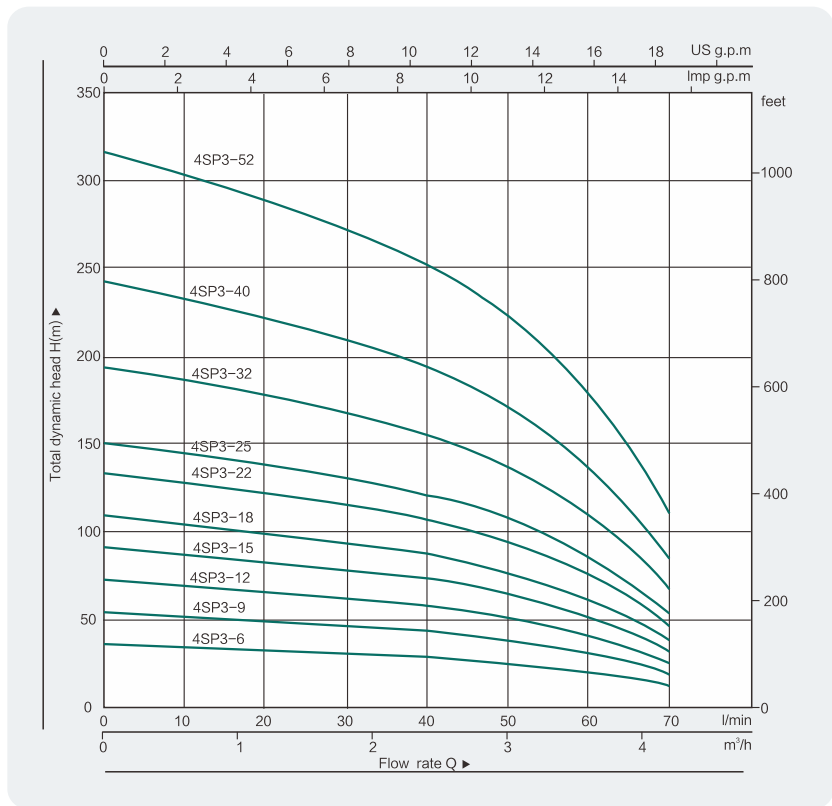
(according to our general sales conditions).

Components	Material
Delivery casing	① AISI 304 SS ② AISI 316 SS
Check valve	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Stage casing	① AISI 304 SS ② AISI 316 SS
Impeller	① AISI 304 SS ② AISI 316 SS
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM280 ② Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



MODEL		DN	DIMENSIONS(mm)			WEIGHT(kg)	
1 ~ 220V/240V	3 ~ 380V/415V		L1	L (S)	L (T)	G (S)	G (T)
4SPM3-6	4SP3-6	1¼"/1½"	279	546	531	10	9
4SPM3-9	4SP3-9	1¼"/1½"	342	624	609	11	10
4SPM3-12	4SP3-12	1¼"/1½"	405	707	687	12	12
4SPM3-15	4SP3-15	1¼"/1½"	468	750	740	14	13
4SPM3-18	4SP3-18	1¼"/1½"	531	873	833	17	15
4SPM3-22	4SP3-22	1¼"/1½"	615	1017	947	20	17
4SPM3-25	4SP3-25	1¼"/1½"	678	1080	1010	21	18
4SPM3-32	4SP3-32	1¼"/1½"	825	1302	1217	27	23
-	4SP3-40	1¼"/1½"	993	-	1425	-	27
-	4SP3-52	1¼"/1½"	1245	-	1737	-	33

• In the list: L(S) is single phase motor, L(T) is three phase motor
• In the list: G(S) is single phase motor, G(T) is three phase motor



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY										n ≈ 2850 r/min			
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP	Q	$\frac{\text{m}^3}{\text{h}}$	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2				
					$\frac{\text{l}}{\text{min}}$	0	10	20	30	40	50	60	70				
4SPM3-6	4SP3-6	0.37	0.5	H(m)		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				
4SPM3-22	4SP3-22	1.5	2			134	128	122	115	107	94	76	47				
4SPM3-25	4SP3-25	1.5	2			152	146	139	131	121	107	86	53				
4SPM3-32	4SP3-32	2.2	3			194	186	178	167	155	137	110	68				
—	4SP3-40	3	4			243	233	222	209	194	172	138	85				
—	4SP3-52	4	5.5			316	303	289	272	252	223	179	110				

4SP 5

Applications

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

Operating conditions

Maximum fluid temperature up to +50°C.
Maximum sand content: 0.25%.
Maximum immersion: 80m.
Minimum well diameter: 4".

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
NEMA dimension standards
Curve tolerance according to ISO 2548

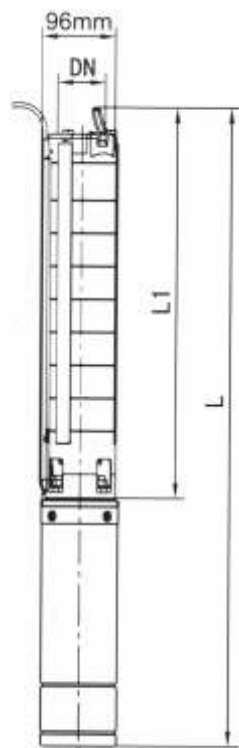
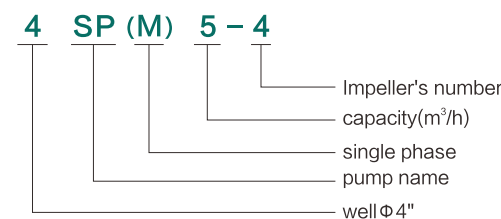
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty: 1 year

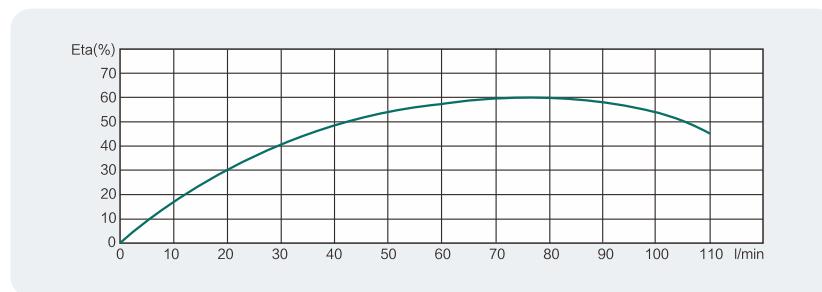
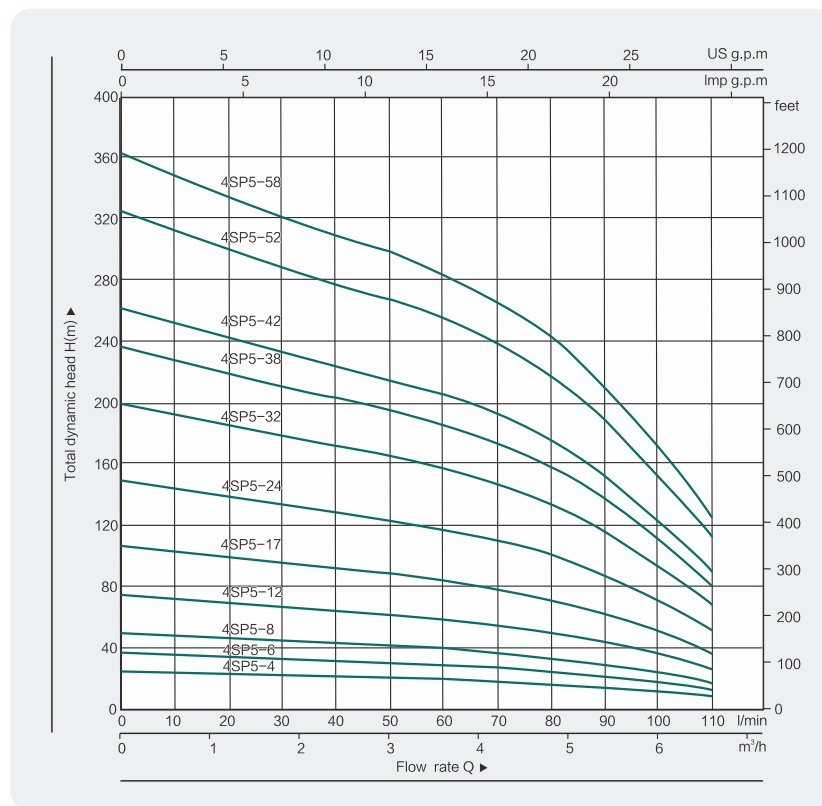
(according to our general sales conditions).

Components	Material
Delivery casing	① AISI 304 SS ② AISI 316 SS
Check valve	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Stage casing	① AISI 304 SS ② AISI 316 SS
Impeller	① AISI 304 SS ② AISI 316 SS
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM280 ② Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



MODEL		DN	DIMENSIONS(mm)			WEIGHT(kg)	
1 ~ 220V/240V	3 ~ 380V/415V		L1	L (S)	L (T)	G (S)	G (T)
4SPM5-4	4SP5-4	1½"/1½"	237	504	489	10	9
4SPM5-6	4SP5-6	1½"/1½"	279	561	546	11	10
4SPM5-8	4SP5-8	1½"/1½"	321	623	603	12	11
4SPM5-12	4SP5-12	1½"/1½"	405	747	707	15	13
4SPM5-17	4SP5-17	1½"/1½"	510	912	842	19	16
4SPM5-24	4SP5-24	1½"/1½"	657	1134	1049	25	21
-	4SP5-32	1½"/1½"	825	-	1257	-	25
-	4SP5-38	1½"/1½"	993	-	1485	-	30
-	4SP5-42	1½"/1½"	1077	-	1569	-	31
-	4SP5-52	1½"/1½"	1245	-	1807	-	36
-	4SP5-58	1½"/1½"	1413	-	1975	-	38

• In the list: L(S) is single phase motor, L(T) is three phase motor
• In the list: G(S) is single phase motor, G(T) is three phase motor



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY	n ≈ 2850 r/min									
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP		Q	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
4SPM5-4	4SP5-4	0.37	0.5	H (m)	25	24	23	22	21	21	20	18	17	15
4SPM5-6	4SP5-6	0.55	0.75		37	36	35	33	32	31	29	28	25	22
4SPM5-8	4SP5-8	0.75	1		50	48	46	44	43	41	39	37	34	29
4SPM5-12	4SP5-12	1.1	1.5		75	72	69	67	64	62	59	55	50	44
4SPM5-17	4SP5-17	1.5	2		106	102	98	94	91	87	83	78	71	62
4SPM5-24	4SP5-24	2.2	3		150	144	138	133	128	123	118	110	101	87
-	4SP5-32	3	4		200	192	184	178	171	165	157	147	134	116
-	4SP5-38	4	5.5		237	228	219	211	203	195	186	174	159	138
-	4SP5-42	4	5.5		262	252	242	233	224	216	206	193	176	153
-	4SP5-52	5.5	7.5		325	312	299	289	278	267	255	239	218	189
-	4SP5-58	5.5	7.5		362	348	334	322	310	298	284	266	243	211

4SP 8

Applications

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

Operating conditions

Maximum fluid temperature up to +50℃.
Maximum sand content:0.25%.
Maximum immersion:80m.
Minimum well diameter:4".

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
NEMA dimension standards
Curve tolerance according to ISO 2548

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

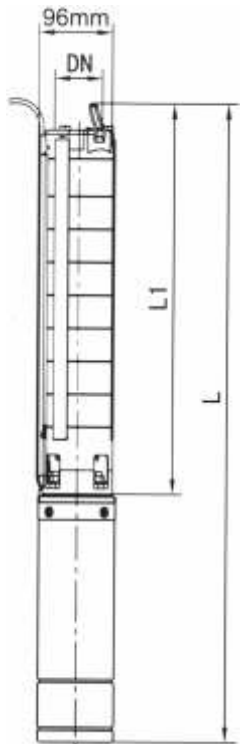
Warranty:1 year

(according to our general sales conditions).

Components	Material
Delivery casing	① AISI 304 SS ② AISI 316 SS
Check valve	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Stage casing	① AISI 304 SS ② AISI 316 SS
Impeller	① AISI 304 SS ② AISI 316 SS
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM280 ② Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SiC/TC)
Shaft	AISI 304 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

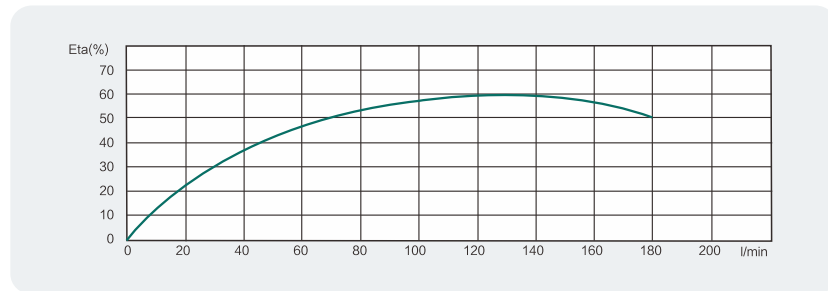
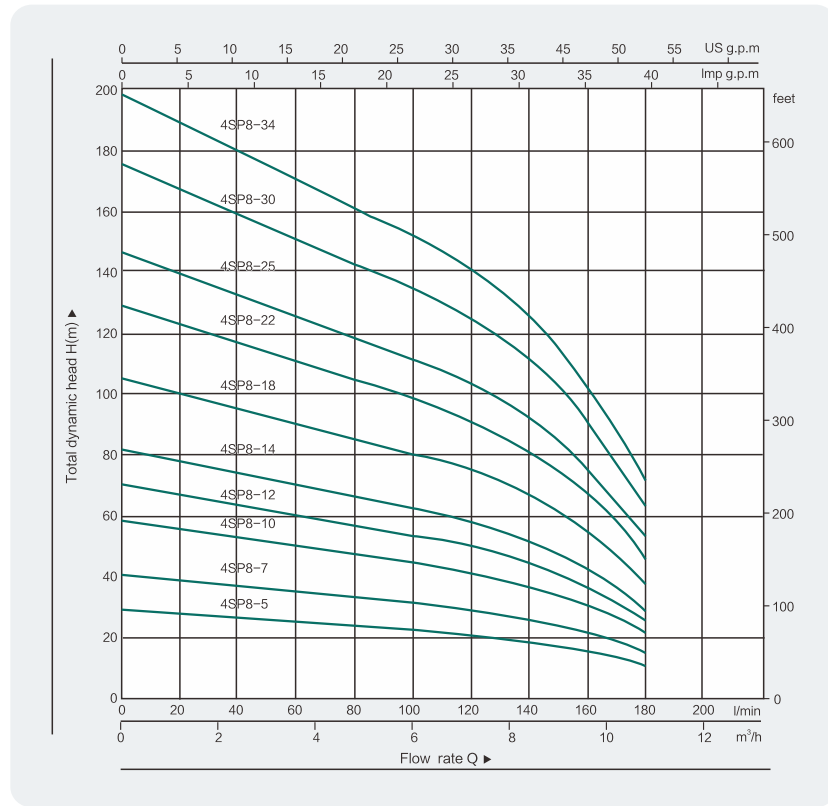
4 SP (M) 8 - 5

Impeller's number
capacity(m³/h)
single phase
pump name
well Φ 4"



MODEL		DN	DIMENSIONS(mm)			WEIGHT(kg)	
1 ~ 220V/240V	3 ~ 380V/415V		L1	L (S)	L (T)	G (S)	G (T)
4SPM8-5	4SP8-5	1¼"/1½"	407	709	689	14	13
4SPM8-7	4SP8-7	1¼"/1½"	491	833	793	17	15
4SPM8-10	4SP8-10	1¼"/1½"	617	1019	949	21	18
4SPM8-12	4SP8-12	1¼"/1½"	701	1178	1093	27	23
4SPM8-14	4SP8-14	1¼"/1½"	785	1262	1177	28	24
-	4SP8-18	1¼"/1½"	953	-	1385	-	29
-	4SP8-22	1¼"/1½"	1121	-	1613	-	34
-	4SP8-25	1¼"/1½"	1247	-	1739	-	36
-	4SP8-30	1¼"/1½"	1457	-	2019	-	42
-	4SP8-34	1¼"/1½"	1625	-	2187	-	44

• In the list: L(S) is single phase motor,L(T) is three phase motor
• In the list: G(S) is single phase motor,G(T) is three phase motor



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n ≈ 2850 r/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
4SPM8-5	4SP8-5	0.75	1	H (m)	29	28	27	25	24	22	21	19	15	10	
4SPM8-7	4SP8-7	1.1	1.5		41	39	37	35	33	31	29	26	21	15	
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	54	50	44	36	25	
4SPM8-14	4SP8-14	2.2	3		82	78	75	70	66	63	58	52	42	29	
-	4SP8-18	3	4		105	101	96	91	85	80	75	67	55	38	
-	4SP8-22	4	5.5		129	123	117	111	104	98	91	82	67	46	
-	4SP8-25	4	5.5		146	140	133	126	118	112	104	93	76	52	
-	4SP8-30	5.5	7.5		176	168	160	151	142	134	124	111	91	63	
-	4SP8-34	5.5	7.5		199	190	181	171	161	152	141	126	103	71	

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 +50℃.
Maximum sand content:0.25%.
Maximum immersion:100m.
Minimum well diameter:6".

Motor and Pump

Rewindable motor or Full obturated screen motor
Three-phase:380V-415V/50Hz
①Direct start (1 cable)
②Star-delta start(2 cables)
Equip with start control box or digital auto-control box
NEMA dimension standards
Curve tolerance according to ISO 2548

Options on request

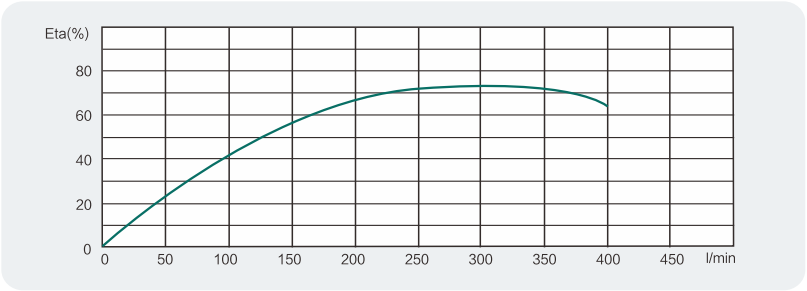
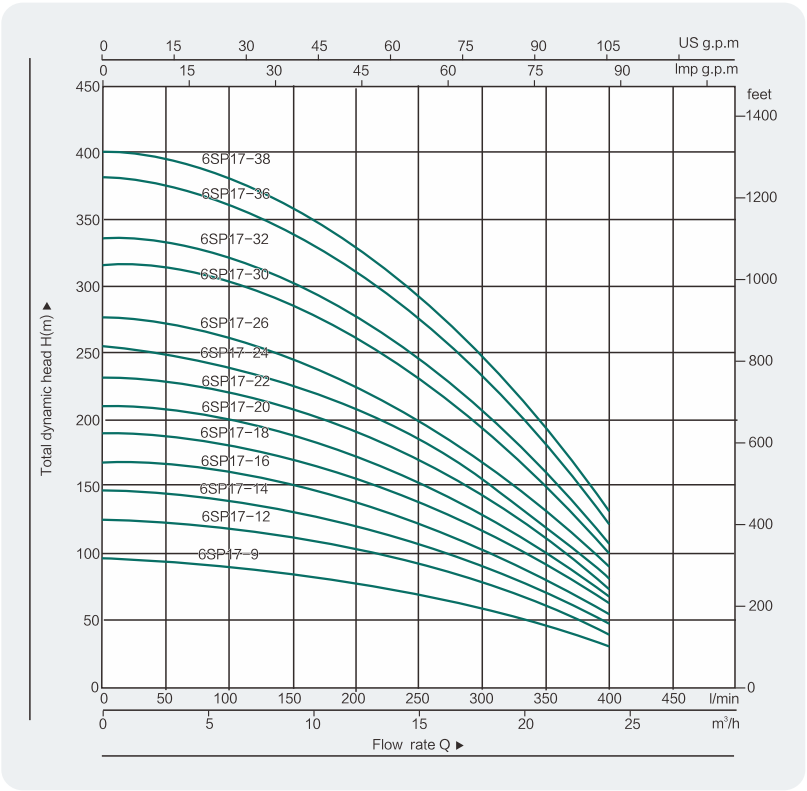
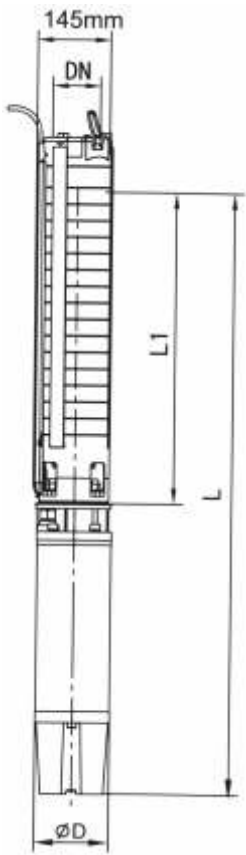
Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

(according to our general sales conditions).

Components	Material
Delivery casing	① AISI 304 SS ② AISI 316 SS
Check valve	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Stage casing	① AISI 304 SS ② AISI 316 SS
Impeller	① AISI 304 SS ② AISI 316 SS
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-iron G20 UNI5007 ② AISI 304 SS
Bottom support	① Cast-iron G20 UNI5007 ② AISI 304 SS
Seal	① NBR ② Carbon-SIC/TC
Shaft	AISI 304 SS-C1045
Thrust bearing	① Ceramic/Carbon ② NSK
Radial bearing	① Ceramic/TC ② NSK

6 SP 17-9
 Impeller's number
 capacity(m³/h)
 pump name
 well Φ6"



6"

MODEL	P ₂		DN	DIMENSIONS(mm)			WEIGHT(kg)	
3 ~ 380V/415V	KW	HP		L1	L	Φ D	Pump	Total
6SP17-9	5.5	7.5	3"/4"	675	1291	144	15	61
6SP17-12	7.5	10	3"/4"	810	1476	144	19	68
6SP17-14	9.2	12.5	3"/4"	900	1616	144	22	74
6SP17-16	9.2	12.5	3"/4"	990	1706	144	24	76
6SP17-18	11	15	3"/4"	1080	1866	144	27	86
6SP17-20	11	15	3"/4"	1170	1956	144	30	89
6SP17-22	13	17.5	3"/4"	1260	2096	144	32	94
6SP17-24	15	20	3"/4"	1350	2236	144	35	101
6SP17-26	15	20	3"/4"	1440	2326	144	37	103
6SP17-30	18.5	25	3"/4"	1620	2531	144	43	114
6SP17-32	18.5	25	3"/4"	1710	2621	144	45	116
6SP17-36	22	30	3"/4"	1890	2876	144	50	129
6SP17-38	22	30	3"/4"	1980	2966	144	53	132

PERFORMANCE DATA 50Hz

MODEL	P ₂		Q	DELIVERY											
	3 ~ 380V/415V	KW	HP	m³/h l/min	0	3	6	9	12	15	18	21	24	n ≈ 2850 r/min	
6SP17-9		5.5	7.5	H(m)	95	93	90	85	78	69	58	45	30		
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	165	160	151	139	123	103	80	53		
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		15	20		253	248	240	227	208	184	155	120	80		
6SP17-26		15	20		274	269	260	246	225	199	168	130	87		
6SP17-30		18.5	25		317	310	300	283	260	230	193	150	100		
6SP17-32		18.5	25		338	331	320	302	277	245	206	160	107		
6SP17-36		22	30		380	372	360	340	312	276	232	180	120		
6SP17-38		22	30		401	393	380	359	329	291	245	190	127		

6SP 30

Applications

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

Operating conditions

Maximum fluid temperature up to +50℃.
Maximum sand content:0.25%.
Maximum immersion:100m.
Minimum well diameter:6".

Motor and Pump

Rewindable motor or Full obturated screen motor
Three-phase:380V~415V/50Hz
①Direct start (1 cable)
②Star-delta start(2 cables)
Equip with start control box or digital auto-control box
NEMA dimension standards
Curve tolerance according to ISO 2548

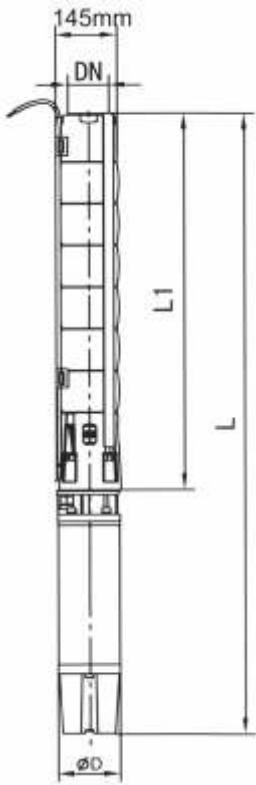
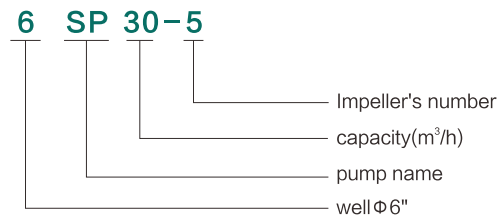
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

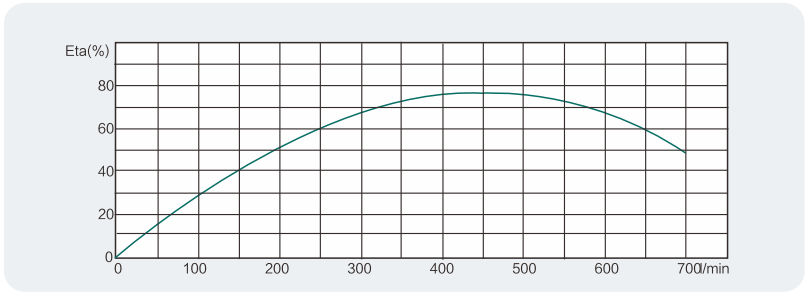
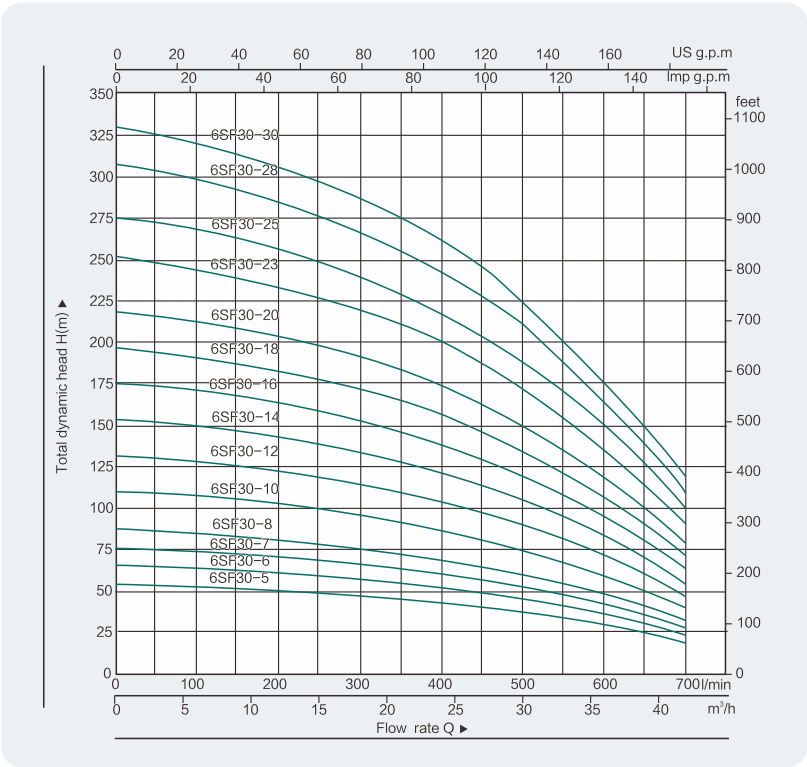
Warranty:1 year

(according to our general sales conditions).

Components	Material
Delivery casing	① AISI 304 SS ② AISI 316 SS
Check valve	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Stage casing	① AISI 304 SS ② AISI 316 SS
Impeller	① AISI 304 SS ② AISI 316 SS
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-iron G20 UNI5007 ② AISI 304 SS
Bottom support	① Cast-iron G20 UNI5007 ② AISI 304 SS
Seal	① NBR ② Carbon-SIC/TC
Shaft	AISI 304 SS-C1045
Thrust bearing	① Ceramic/Carbon ② NSK
Radial bearing	① Ceramic/TC ② NSK



MODEL	P ₂		DN	DIMENSIONS(mm)			WEIGHT(kg)	
	3 ~ 380V/415V	KW	HP	L1	L	ΦD	Pump	Total
6SP30-5		5.5	7.5	3"/4"	720	1336	144	15
6SP30-6		5.5	7.5	3"/4"	810	1426	144	17
6SP30-7		7.5	10	3"/4"	900	1566	144	19
6SP30-8		7.5	10	3"/4"	990	1656	144	21
6SP30-10		9.2	12.5	3"/4"	1170	1886	144	26
6SP30-12		11	15	3"/4"	1350	2136	144	30
6SP30-14		13	17.5	3"/4"	1530	2366	144	34
6SP30-16		15	20	3"/4"	1710	2596	144	39
6SP30-18		18.5	25	3"/4"	1890	2801	144	43
6SP30-20		18.5	25	3"/4"	2070	2981	144	48
6SP30-23		22	30	3"/4"	2340	3326	144	54
6SP30-25		22	30	3"/4"	2520	3506	144	59
6SP30-28		26	35	3"/4"	2790	3851	144	65
6SP30-30		26	35	3"/4"	2970	4031	144	70



PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY																n ≈ 2850 r/min			
3 ~ 380V/415V	KW	HP	Q	m³/h l/min	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42			
					0	50	100	150	200	250	300	350	400	450	500	550	600	650	700			
6SP30-5	5.5	7.5	H (m)		55	54	53	52	51	49	48	46	43	41	38	34	29	25	20			
6SP30-6	5.5	7.5			66	65	64	63	61	59	57	55	52	49	45	41	35	30	24			
6SP30-7	7.5	10			77	76	74	73	71	69	67	64	61	57	53	47	41	35	28			
6SP30-8	7.5	10			88	87	85	83	81	79	77	73	70	65	60	54	47	40	32			
6SP30-10	9.2	12.5			110	108	106	104	102	99	96	92	87	82	75	68	59	50	40			
6SP30-12	11	15			132	130	128	125	122	118	115	110	104	98	90	81	71	60	48			
6SP30-14	13	17.5			154	152	149	146	142	138	134	128	122	114	105	95	83	70	56			
6SP30-16	15	20			175	173	170	167	163	158	153	147	139	131	121	108	94	79	63			
6SP30-18	18.5	25			197	195	191	188	183	178	172	165	157	147	136	122	106	89	71			
6SP30-20	18.5	25			219	217	213	209	203	197	191	183	174	163	151	135	118	99	79			
6SP30-23	22	30			252	249	245	240	234	227	220	211	200	188	173	156	136	114	91			
6SP30-25	22	30			274	271	266	261	254	247	239	229	218	204	188	169	148	124	99			
6SP30-28	26	35			307	303	298	292	285	276	268	257	244	229	211	189	165	139	111			
6SP30-30	26	35			329	325	319	313	305	296	287	275	261	245	226	203	177	149	119			

6SP 46

Applications

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

Operating conditions

Maximum fluid temperature up to +50℃.
Maximum sand content:0.25%.
Maximum immersion:100m.
Minimum well diameter:6".

Motor and Pump

Rewindable motor or Full obturated screen motor
Three-phase:380V-415V/50Hz
①Direct start (1 cable)
②Star-delta start(2 cables)
Equip with start control box or digital auto-control box
NEMA dimension standards
Curve tolerance according to ISO 2548

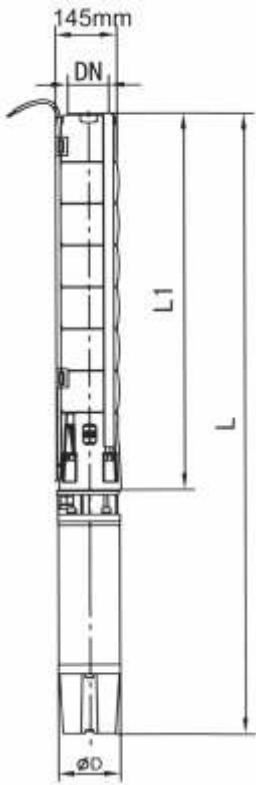
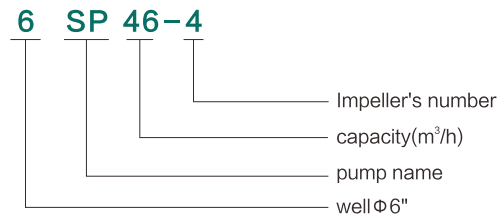
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

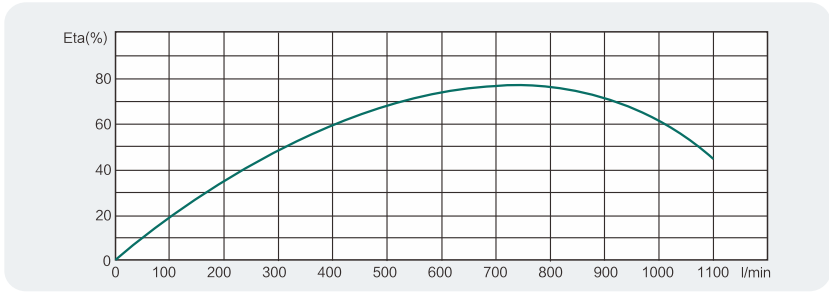
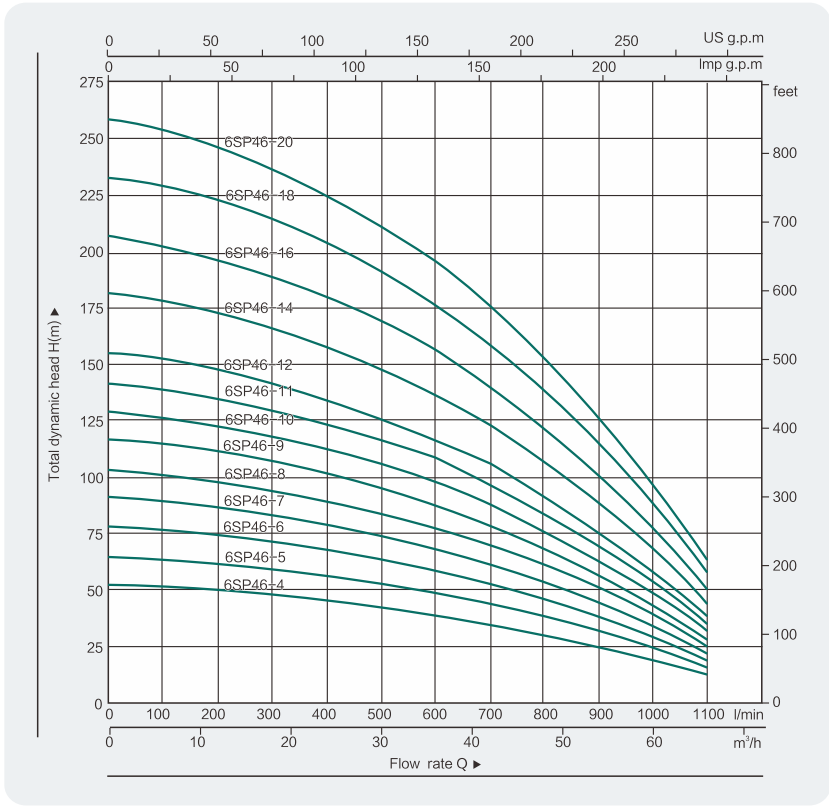
Warranty:1 year

(according to our general sales conditions).

Components	Material
Delivery casing	① AISI 304 SS ② AISI 316 SS
Check valve	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Stage casing	① AISI 304 SS ② AISI 316 SS
Impeller	① AISI 304 SS ② AISI 316 SS
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-iron G20 UNI5007 ② AISI 304 SS
Bottom support	① Cast-iron G20 UNI5007 ② AISI 304 SS
Seal	① NBR ② Carbon-SIC/TC
Shaft	AISI 304 SS-C1045
Thrust bearing	① Ceramic/Carbon ② NSK
Radial bearing	① Ceramic/TC ② NSK



MODEL	P ₂		DN	DIMENSIONS(mm)			WEIGHT(kg)	
	3 ~ 380V/415V	KW	HP	L1	L	ΦD	Pump	Total
6SP46-4		7.5	10	3"/4"	630	1296	144	61
6SP46-5		7.5	10	3"/4"	720	1386	144	64
6SP46-6		9.2	12.5	3"/4"	810	1526	144	69
6SP46-7		11	15	3"/4"	900	1686	144	78
6SP46-8		13	17.5	3"/4"	990	1926	144	83
6SP46-9		15	20	3"/4"	1080	1966	144	89
6SP46-10		15	20	3"/4"	1170	2056	144	92
6SP46-11		18.5	25	3"/4"	1260	2171	144	99
6SP46-12		18.5	25	3"/4"	1350	2261	144	101
6SP46-14		22	30	3"/4"	1530	2516	144	113
6SP46-16		26	30	3"/4"	1710	2771	144	123
6SP46-18		30	40	3"/4"	1890	3026	144	135
6SP46-20		30	40	3"/4"	2070	3206	144	140



6"

PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY														n ≈ 2850 r/min	
	3 ~ 380V/415V	KW	HP	Q	m³/h	0	6	12	18	24	30	36	42	48	54	60	66	
6SP46-4		7.5	10	H(m)	l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	
6SP46-5		7.5	10			52	51	49	47	45	42	39	35	31	25	19	12	
6SP46-6		9.2	12.5			65	63	61	59	56	53	49	44	38	32	24	15	
6SP46-7		11	15			78	76	74	71	67	63	59	53	46	38	29	19	
6SP46-8		13	17.5			91	89	86	83	79	74	69	62	54	44	34	22	
6SP46-9		15	20			104	101	98	94	90	84	78	71	62	51	38	25	
6SP46-10		15	20			117	114	111	106	101	95	88	80	69	57	43	28	
6SP46-11		18.5	25			130	127	123	118	112	105	98	88	77	63	48	31	
6SP46-12		18.5	25			142	139	135	130	124	116	108	97	85	70	53	34	
6SP46-14		22	30			155	152	148	142	135	127	118	106	92	76	58	37	
6SP46-16		26	30			181	177	172	165	158	148	137	124	107	89	67	43	
6SP46-18		30	40			207	202	197	189	180	169	157	142	123	102	77	50	
6SP46-20		30	40			233	228	221	212	203	190	176	159	139	114	86	56	
						259	253	246	236	225	211	196	177	154	127	96	62	

6SP 60

Applications

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

Operating conditions

Maximum fluid temperature up to +50℃.
Maximum sand content:0.25%.
Maximum immersion:100m.
Minimum well diameter:6".

Motor and Pump

Rewindable motor or Full obturated screen motor
Three-phase:380V-415V/50Hz
①Direct start (1 cable)
②Star-delta start(2 cables)
Equip with start control box or digital auto-control box
NEMA dimension standards
Curve tolerance according to ISO 2548

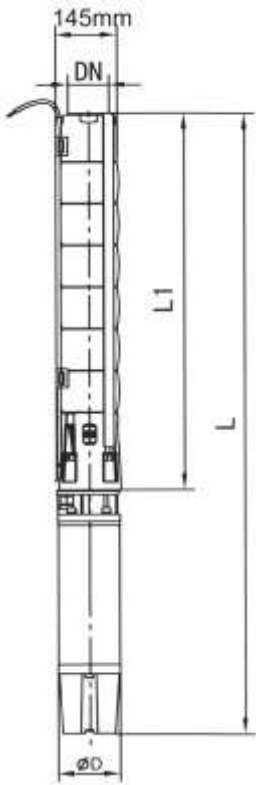
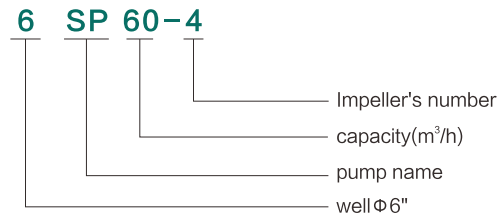
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

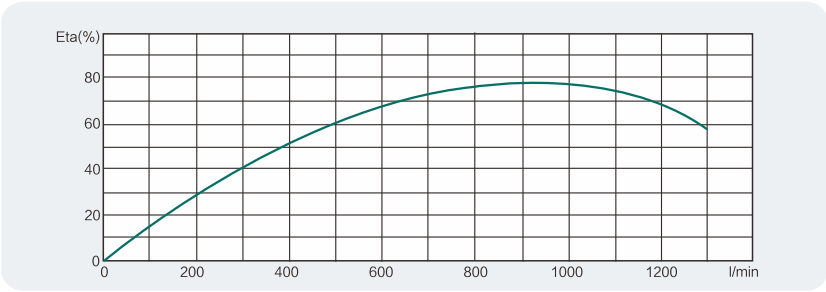
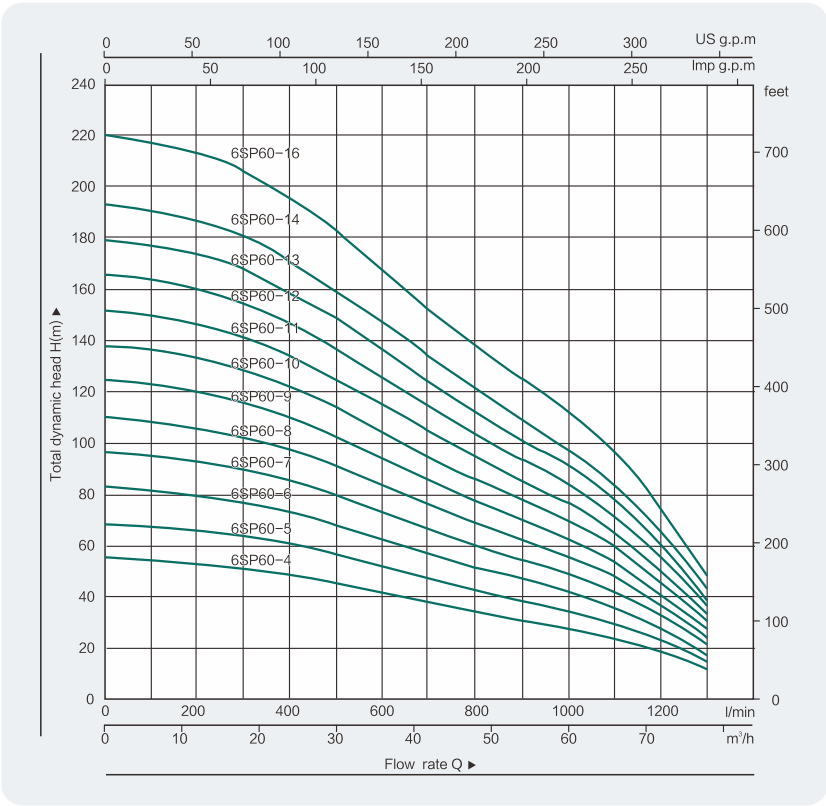
Warranty:1 year

(according to our general sales conditions).

Components	Material
Delivery casing	① AISI 304 SS ② AISI 316 SS
Check valve	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Stage casing	① AISI 304 SS ② AISI 316 SS
Impeller	① AISI 304 SS ② AISI 316 SS
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-iron G20 UNI5007 ② AISI 304 SS
Bottom support	① Cast-iron G20 UNI5007 ② AISI 304 SS
Seal	① NBR ② Carbon-SiC/TC
Shaft	AISI 304 SS-C1045
Thrust bearing	① Ceramic/Carbon ② NSK
Radial bearing	① Ceramic/TC ② NSK



MODEL	P ₂		DN	DIMENSIONS(mm)			WEIGHT(kg)	
	3~380V/415V	KW		L1	L	ΦD	Pump	Total
6SP60-4		7.5	3"/4"	670	1336	144	13	62
6SP60-5		9.2	3"/4"	770	1486	144	16	68
6SP60-6		11	3"/4"	870	1656	144	18	77
6SP60-7		13	3"/4"	970	1806	144	20	82
6SP60-8		15	3"/4"	1070	1956	144	23	89
6SP60-9		18.5	3"/4"	1170	2081	144	25	96
6SP60-10		18.5	3"/4"	1270	2181	144	28	99
6SP60-11		22	3"/4"	1370	2356	144	30	109
6SP60-12		22	3"/4"	1470	2456	144	32	111
6SP60-13		26	3"/4"	1570	2631	144	35	119
6SP60-14		26	3"/4"	1670	2731	144	37	121
6SP60-16		30	3"/4"	1870	3006	144	42	134



6"

PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY																n ≈ 2850 r/min							
3 ~ 380V/415V	KW	HP	Q	m³/h l/min	0	6	12	18	24	30	36	42	48	54	60	66	72	78								
6SP60-4	7.5	10	H(m)		55	55	53	52	49	46	42	38	35	31	28	24	19	12								
6SP60-5	9.2	12.5			69	68	67	64	61	57	53	48	43	39	35	30	23	15								
6SP60-6	11	15			83	82	80	77	73	68	63	57	52	47	42	36	28	18								
6SP60-7	13	17.5			97	95	93	90	85	80	74	67	60	55	49	42	32	21								
6SP60-8	15	20			111	109	107	103	98	91	84	76	69	63	56	48	37	24								
6SP60-9	18.5	25			124	123	120	116	110	102	95	86	78	70	63	54	42	27								
6SP60-10	18.5	25			138	136	133	129	120	114	105	95	86	78	70	60	46	30								
6SP60-11	22	30			152	150	146	142	134	125	116	105	95	86	77	66	51	33								
6SP60-12	22	30			166	164	160	155	146	137	126	114	104	94	84	72	56	36								
6SP60-13	26	3.5			180	177	173	167	158	148	137	124	112	102	91	78	60	39								
6SP60-14	26	35			193	191	186	180	171	159	147	133	121	109	98	84	65	42								
6SP60-16	30	40			221	218	213	206	195	182	168	152	138	125	112	96	74	48								

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.
Minimum well diameter:6".

Motor and Pump

Rewindable motor or Full obturated screen motor
Three-phase:380V-415V/50Hz
①Direct start (1 cable)
②Star-delta start(2 cables)
Equip with start control box or digital auto-control box
NEMA dimension standards
Curve tolerance according to ISO 2548

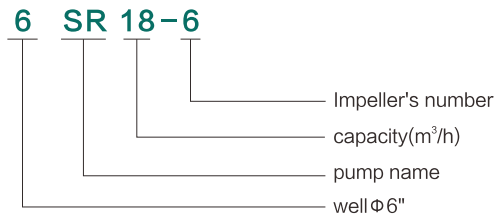
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

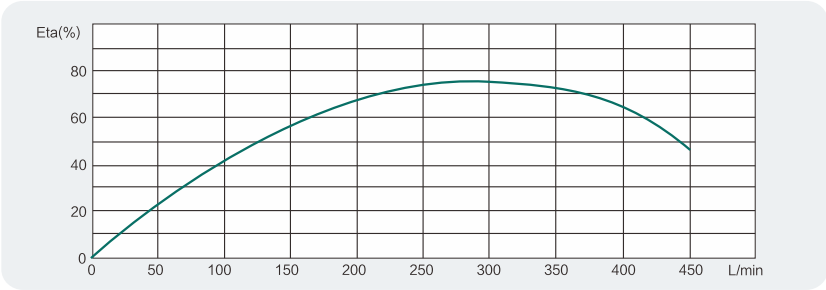
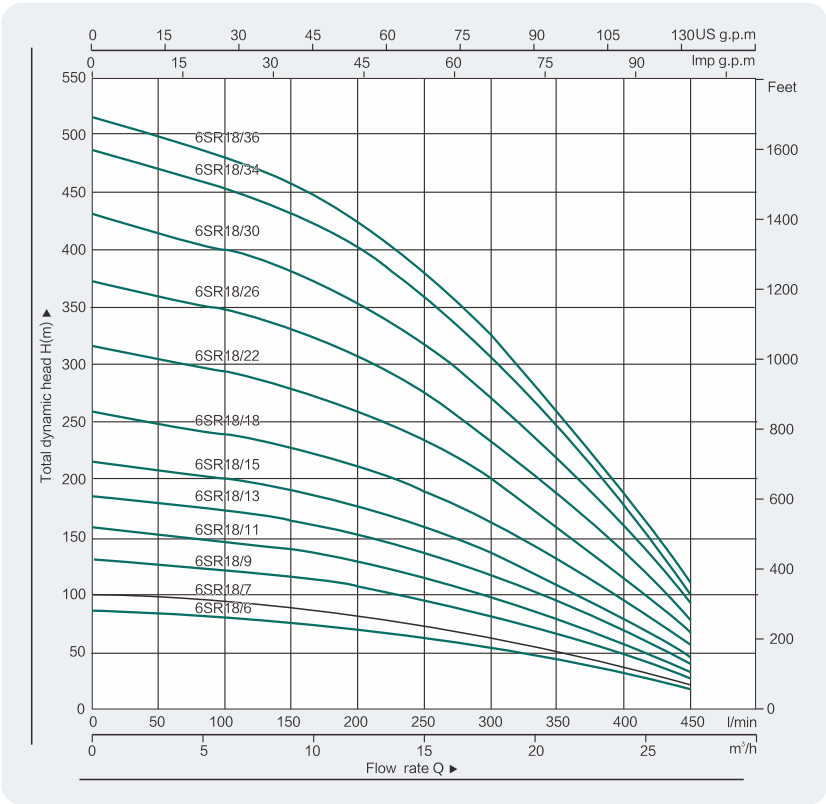
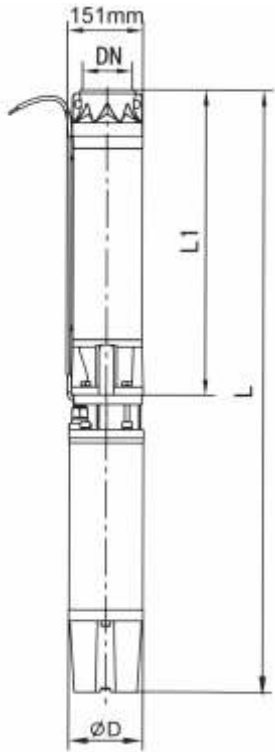
Warranty:1 year

(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron G20 UNI5007
Suction lantern	Cast-iron G20 UNI5007
Diffuser	Plastic.PC/AISI 304 SS
Impeller	① Plastic.POM ② Plastic.PPO
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wrar ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-iron G20 UNI5007 ② AISI 304 SS
Bottom support	① Cast-iron G20 UNI5007 ② AISI 304 SS
Seal	① NBR ② Carbon-SiC/TC
Shaft	AISI 304 SS-C1045
Thrust bearing	① Ceramic/Carbon ② NSK
Radial bearing	① Ceramic/TC ② NSK



MODEL	P ₂		DN	DIMENSIONS(mm)			WEIGHT(kg)	
	3~380V/415V	KW	HP	L1	L	ΦD	Pump	Total
6SR18/6		5.5	7.5	2 1/2"/3"	670	1286	140	62
6SR18/7		5.5	7.5	2 1/2"/3"	715	1331	140	63
6SR18/9		7.5	10	2 1/2"/3"	805	1471	140	68
6SR18/11		9.2	12.5	2 1/2"/3"	894	1610	140	73
6SR18/13		11	15	2 1/2"/3"	984	1770	140	81
6SR18/15		13	17.5	2 1/2"/3"	1074	1910	140	86
6SR18/18		15	20	2 1/2"/3"	1209	2095	140	93
6SR18/22		18.5	25	2 1/2"/3"	1388	2299	140	101
6SR18/26		22	30	2 1/2"/3"	1568	2554	140	113
6SR18/30		26	35	2 1/2"/3"	1748	2809	140	121
6SR18/34		30	40	2 1/2"/3"	1927	3063	140	133
6SR18/36		30	40	2 1/2"/3"	2017	3153	140	134



PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY											
3 ~ 380V/415V	KW	HP	Q	n ≈ 2850 r/min										
				$\frac{m^3}{h}$ l/min	0	3	6	9	12	15	18	21	24	27
6SR18/6	5.5	7.5	H (m)	86	83	80	76	71	63	54	44	32	18	
6SR18/7	5.5	7.5		101	97	94	89	83	74	64	51	37	21	
6SR18/9	7.5	10		129	124	120	114	106	95	82	65	47	27	
6SR18/11	9.2	12.5		158	152	147	140	130	116	110	80	58	33	
6SR18/13	11	15		187	179	174	165	153	137	118	95	69	39	
6SR18/15	13	17.5		215	207	200	191	177	158	136	109	79	45	
6SR18/18	15	20		259	248	240	229	212	190	163	131	95	54	
6SR18/22	18.5	25		316	304	294	280	260	232	200	160	116	66	
6SR18/26	22	30		373	359	347	331	307	274	236	189	137	78	
6SR18/30	26	35		431	414	401	382	354	317	272	218	158	90	
6SR18/34	30	40		488	469	454	433	401	359	309	247	179	102	
6SR18/36	30	40		517	497	481	458	425	380	327	262	190	108	

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.
Minimum well diameter:6".

Motor and Pump

Rewindable motor or Full obturated screen motor
Three-phase:380V-415V/50Hz
①Direct start (1 cable)
②Star-delta start(2 cables)
Equip with start control box or digital auto-control box
NEMA dimension standards
Curve tolerance according to ISO 2548

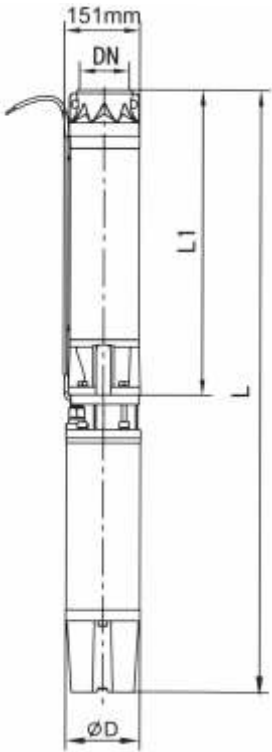
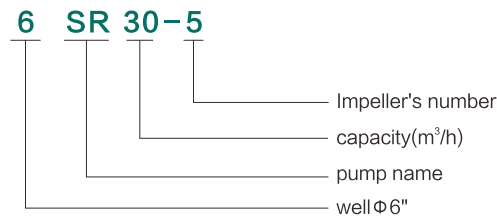
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

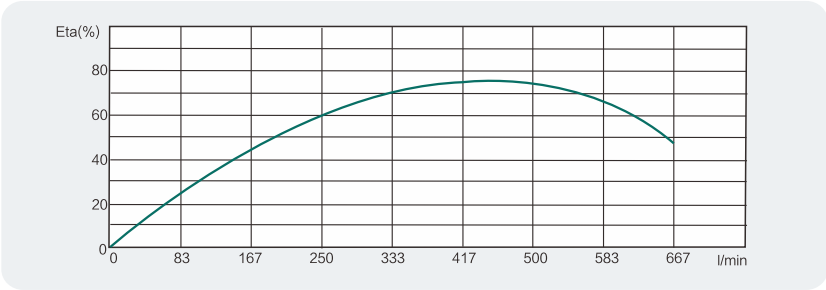
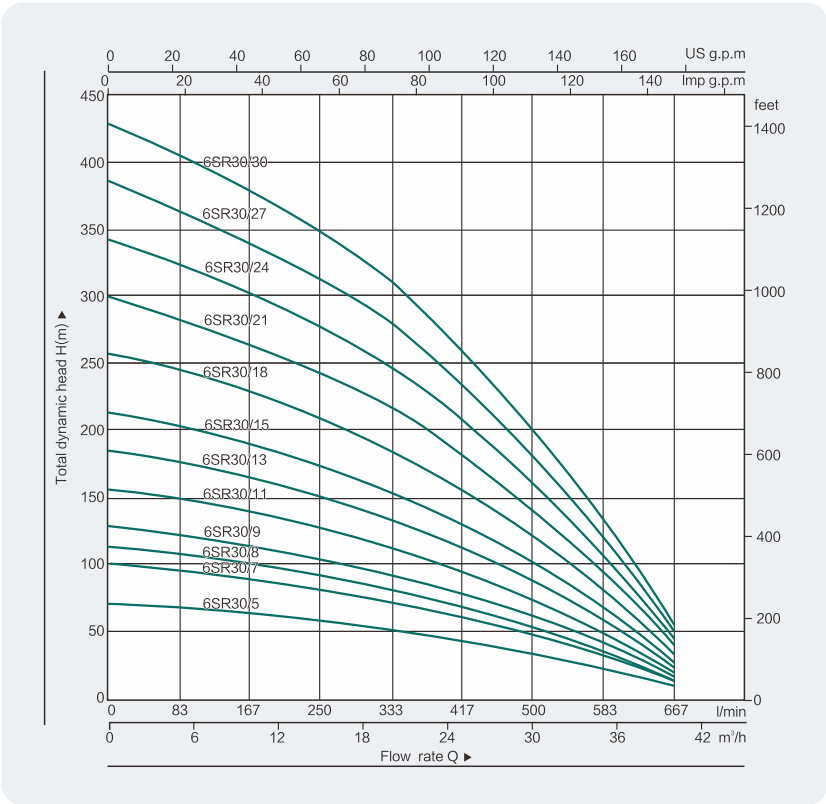
Warranty:1 year

(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron G20 UNI5007
Suction lantern	Cast-iron G20 UNI5007
Diffuser	Plastic.PC/AISI 304 SS
Impeller	① Plastic.POM ② Plastic.PPO
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wrar ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-iron G20 UNI5007 ② AISI 304 SS
Bottom support	① Cast-iron G20 UNI5007 ② AISI 304 SS
Seal	① NBR ② Carbon-SiC/TC
Shaft	AISI 304 SS-C1045
Thrust bearing	① Ceramic/Carbon ② NSK
Radial bearing	① Ceramic/TC ② NSK



MODEL	P ₂		DN	DIMENSIONS(mm)			WEIGHT(kg)	
	3~380V/415V	KW		L1	L	ΦD	Pump	Total
6SR30/5		5.5	3"/4"	670	1286	140	16	62
6SR30/7		7.5	3"/4"	779	1444	140	18	67
6SR30/8		7.5	3"/4"	833	1478	140	19	68
6SR30/9		9.2	3"/4"	886	1602	140	20	72
6SR30/11		11	3"/4"	993	1779	140	22	81
6SR30/13		13	3"/4"	1101	1937	140	24	86
6SR30/15		15	3"/4"	1209	2095	140	26	92
6SR30/18		18.5	3"/4"	1371	2282	145	29	100
6SR30/21		22	3"/4"	1532	2518	145	32	111
6SR30/24		26	3"/4"	1694	2755	145	35	119
6SR30/27		30	3"/4"	1856	2992	145	38	130
6SR30/30		30	3"/4"	2018	3154	145	41	133



6"

PERFORMANCE DATA 50Hz

MODEL	P ₂		Q	DELIVERY									
	3~380V/415V	KW	HP	m³/h l/min	0	5	10	15	20	25	30	35	40
6SR30/5		5.5	7.5	H(m)	71	67	63	58	52	44	34	22	9
6SR30/7		7.5	7.5		100	94	88	81	73	61	47	31	13
6SR30/8		7.5	10		114	108	101	93	83	70	54	36	14
6SR30/9		9.2	12.5		129	121	114	105	93	79	61	40	16
6SR30/11		11	15		157	148	139	128	114	96	74	49	20
6SR30/13		13	17.5		186	175	164	151	135	113	88	58	24
6SR30/15		15	20		214	202	189	175	156	131	102	67	27
6SR30/18		18.5	25		257	243	227	210	187	157	122	81	33
6SR30/21		22	30		300	283	265	244	218	183	142	94	38
6SR30/24		26	35		343	324	303	279	249	209	163	108	44
6SR30/27		30	40		386	364	341	314	280	236	183	121	49
6SR30/30		30	40		429	405	378	349	312	262	203	135	54

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℃.
Maximum sand content:0.25%.
Maximum immersion:100m.
Minimum well diameter:6".

Motor and Pump

Rewindable motor or Full obturated screen motor
Three-phase:380V-415V/50Hz
①Direct start (1 cable)
②Star-delta start(2 cables)
Equip with start control box or digital auto-control box
NEMA dimension standards
Curve tolerance according to ISO 2548

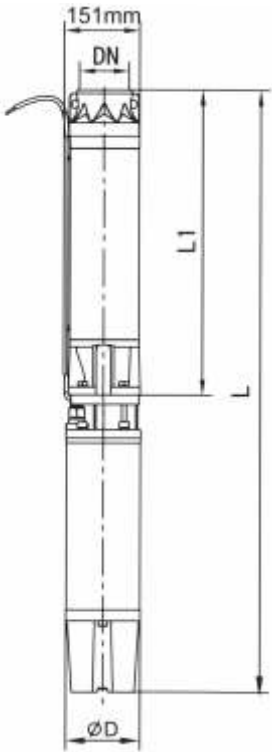
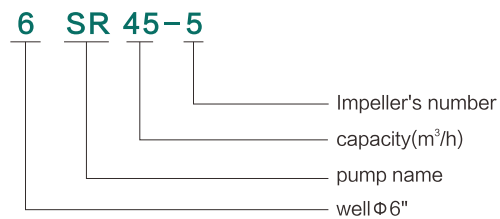
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

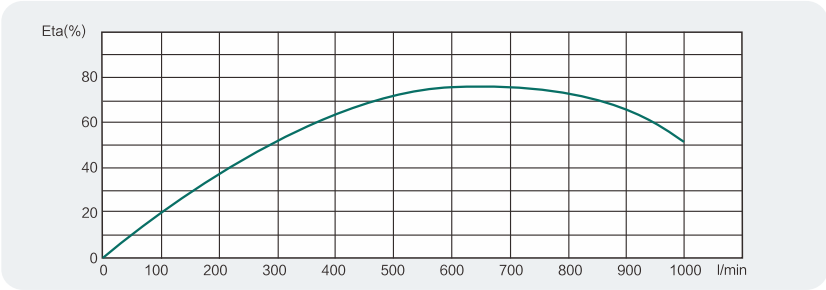
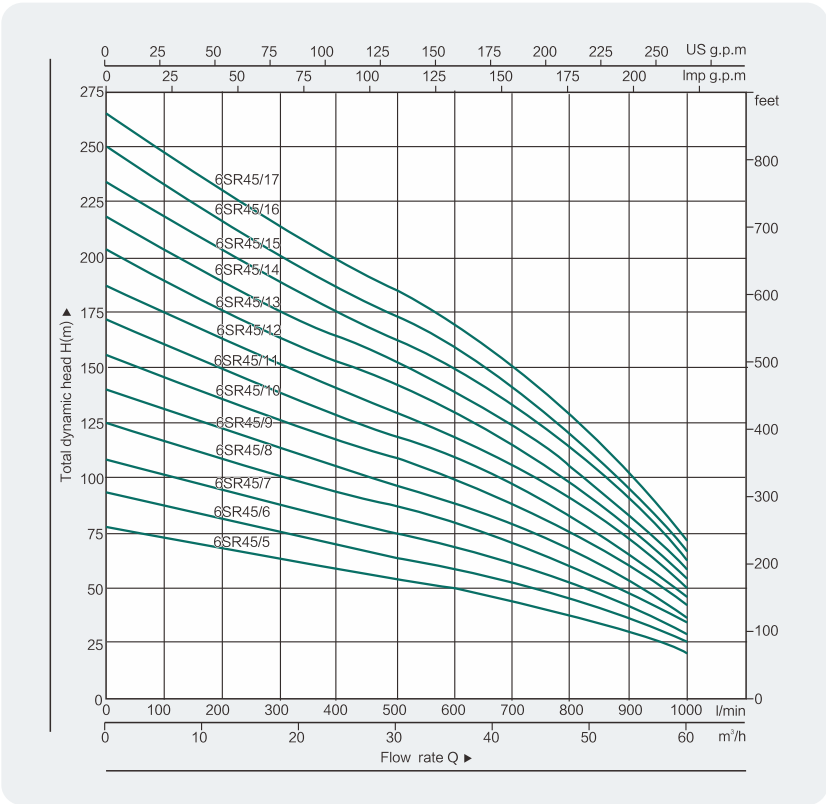
Warranty:1 year

(according to our general sales conditions).

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron G20 UNI5007
Suction lantern	Cast-iron G20 UNI5007
Diffuser	Plastic.PC/AISI 304 SS
Impeller	① Plastic.POM ② Plastic.PPO
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wrar ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-iron G20 UNI5007 ② AISI 304 SS
Bottom support	① Cast-iron G20 UNI5007 ② AISI 304 SS
Seal	① NBR ② Carbon-SiC/TC
Shaft	AISI 304 SS-C1045
Thrust bearing	① Ceramic/Carbon ② NSK
Radial bearing	① Ceramic/TC ② NSK



MODEL	P ₂		DN	DIMENSIONS(mm)			WEIGHT(kg)	
	3 ~ 380V/415V	KW	HP	L1	L	ΦD	Pump	Total
6SR45/5		7.5	10	3"/4"	735	1401	140	66
6SR45/6		9.2	12.5	3"/4"	802	1518	140	70
6SR45/7		11	15	3"/4"	869	1655	140	79
6SR45/8		13	17.5	3"/4"	936	1772	140	83
6SR45/9		15	20	3"/4"	1003	1889	140	88
6SR45/10		18.5	25	3"/4"	1070	1981	140	94
6SR45/11		18.5	25	3"/4"	1136	2047	140	96
6SR45/12		22	30	3"/4"	1203	2189	145	105
6SR45/13		22	30	3"/4"	1270	2331	145	111
6SR45/14		26	35	3"/4"	1337	2398	145	112
6SR45/15		26	35	3"/4"	1404	2540	145	122
6SR45/16		30	40	3"/4"	1471	2607	145	123
6SR45/17		30	40	3"/4"	1538	2674	145	124



PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY														n ≈ 2850 r/min	
	3 ~ 380V/415V	KW	HP	Q	m³/h	0	6	12	18	24	30	36	42	48	54	60		
6SR45/5		7.5	10	H(m)	l/min	0	100	200	300	400	500	600	700	800	900	1000		
6SR45/6		9.2	12.5			78	73	68	63	59	54	50	44	38	30	21		
6SR45/7		11	15			94	87	81	76	70	65	60	53	46	36	25		
6SR45/8		13	17.5			110	102	95	88	82	76	70	62	53	42	29		
6SR45/9		15	20			125	116	108	101	94	87	80	71	61	48	33		
6SR45/10		18.5	25			141	131	122	113	105	98	89	80	68	54	38		
6SR45/11		18.5	25			156	145	135	126	117	109	99	89	76	60	42		
6SR45/12		22	30			172	160	149	138	129	120	109	98	83	66	46		
6SR45/13		22	30			188	174	162	151	140	131	119	107	91	72	50		
6SR45/14		26	35			203	189	176	164	152	141	129	115	99	78	54		
6SR45/15		26	35			219	203	189	176	164	152	139	124	106	84	58		
6SR45/16		30	40			235	218	203	189	176	163	149	133	114	90	63		
6SR45/17		30	40			250	232	216	201	187	174	159	142	121	96	67		
						266	247	230	214	199	185	169	151	129	102	71		

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 +40℃.
Maximum sand content:0.15%.
Maximum immersion:50m.
Minimum 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
Curve tolerance according to ISO 2548

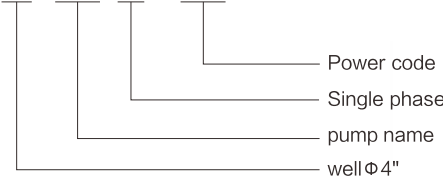
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

(according to our general sales conditions).

4 SK (M) -100



Components	Material
Delivery casing	Cast-Cu ASTM280
Suction lantern	① Cast-Cu ASTM280 ② AISI 202 SS
Diffuser	① Cast-Cu ASTM280 ② AISI 202 SS
Impeller	Cast-Cu ASTM280
Strainer	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM280 ② Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(carbon-SIC/TC)
Shaft	AISI 316 SS-C1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n ≈ 2850 r/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
					l/min	0	5	10	15	20	25	30	35	40	45
4SKM100	4SK100	0.75	1			60	56	50	43	37	31	25	18	12	6
4SKM150	4SK150	1.1	1.5			98	88	78	69	59	49	39	30	20	10
4SKM200	4SK200	1.5	2			110	104	92	81	69	58	46	35	24	14

4QG

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 +40℃.
Maximum sand content:3%.
Maximum immersion:15m.
Minimum well diameter:4".

Motor and Pump

Rewindable motor
Three-phase:380V~415V/50Hz
Single-phase:220V~240V/50Hz

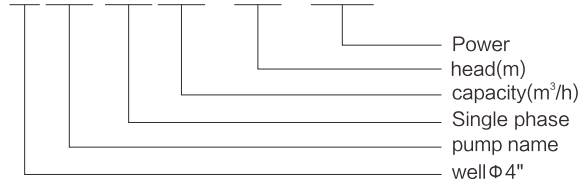
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

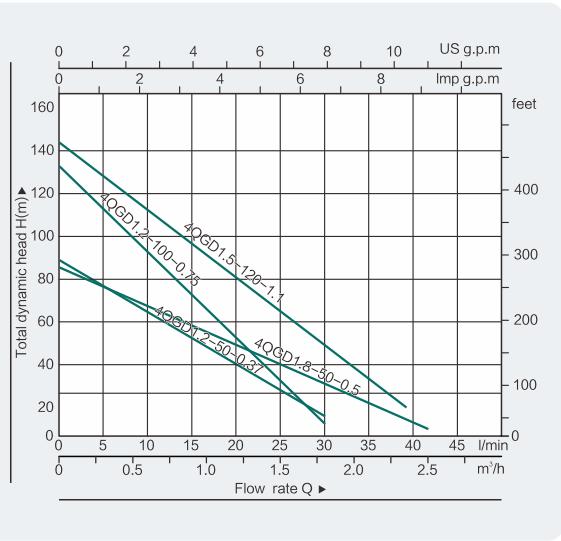
Warranty:1 year

(according to our general sales conditions).

4 QG (D) 1.2 - 50 - 0.37



Components	Material
Delivery casing	AISI 304 SS
Strainer	AISI 304 SS
Motor external casing	AISI 304 SS
Top Cover	Cast-iron G20 UNI5007
Bottom support	AISI 304 SS
Mechanical seal	Carbon-Ceramic
Shaft	AISI 304 SS-C1045



PERFORMANCE DATA 50Hz

MODEL		P ₂		Capacity (m³/h)	Head (m)	Outlet (inch)	Speed r/min	Dimensions(mm)	
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP					ΦD	L
4QGD1.2-50-0.37	4QG1.2-50-0.37	0.37	0.5	1.8	80	1"	2850	96	580
4QGD1.8-50-0.5	4QG1.8-50-0.5	0.5	0.67	2.5	80	1"	2850	96	640
4QGD1.2-100-0.75	4QG1.2-100-0.75	0.75	1.0	1.8	130	1"	2850	96	720
4QGD1.5-120-1.1	4QG1.5-120-1.1	1.1	1.5	2.3	140	1"	2850	96	730

Q(D)X

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 +40°C.
Maximum sand content:0.25%.

Motor and Pump

Rewindable motor
Three-phase:380V~415V/50Hz
Single-phase:220V~240V/50Hz

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

(according to our general sales conditions).

QDX 1.5 - 33 - 0.75

rated power(kW)
rated head(m)
rated flow(m³/h)
model code
(no D for three-phase)



PERFORMANCE DATA 50Hz

MODEL		P ₂		Outlet (inch)	Capacity (m³/h)	Head (m)	N.W (kg)	Packing dimension (mm)
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP					
QDX1.5-17-037	-	0.37	0.5	1"	1.5	17	9.5	420 × 225 × 190
QDX1.5-33-0.75	QX1.5-33-0.75	0.75	1.0	1"	1.5	33	14.5	460 × 300 × 240
QDX3-20-0.55	-	0.55	0.75	1"	3	20	12.5	460 × 300 × 240
QDX3-30-1.1	QX3-30-1.1	1.1	1.5	1"	3	30	17.3	500 × 300 × 240
QDX6-20-0.75	QX6-20-0.75	0.75	1.0	1½"	6	20	14.5	460 × 300 × 240
QDX6-26-1.1	QX6-26-1.1	1.1	1.5	1½"	6	26	17.3	500 × 300 × 240
QDX10-12-0.55	-	0.55	0.75	1½"	10	12	13.2	460 × 300 × 240
QDX10-18-0.75	QX10-18-0.75	0.75	1.0	2"	10	18	14.5	460 × 300 × 240
QDX15-7-0.55	-	0.55	0.75	2"	15	7	13.2	460 × 300 × 240
QDX15-10-0.75	QX15-10-0.75	0.75	1.0	2"	15	10	14.5	460 × 300 × 240
QDX15-15-1.1	QX15-15-1.1	1.1	1.5	2"	15	15	16.7	500 × 300 × 240
QDX15-18-1.5	QX15-18-1.5	1.5	2.0	2"	15	18	18	500 × 300 × 240
QDX25-10-1.1	QX25-10-1.1	1.1	1.5	2½"	25	10	19	545 × 315 × 270
QDX25-12-1.5	QX25-12-1.5	1.5	2.0	2½"	25	12	21.6	545 × 315 × 270
QDX30-6-0.75	QX30-6-0.75	0.75	1.0	3"	30	6	15.7	460 × 300 × 240
QDX40-6-1.1	QX40-6-1.1	1.1	1.5	3"	40	6	19	545 × 315 × 270
QDX40-9-1.5	QX40-9-1.5	1.1	1.5	3"	40	9	21.6	545 × 315 × 270

V

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 +40°C.
Maximum immersion:10m.

Motor and Pump

Rewindable motor
Three-phase:380V~415V/50Hz
Single-phase:220V~240V/50Hz
Equip with Floating switch as requirement

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

(according to our general sales conditions).

VD 180 S F

With float switch
Incision
Rated power(W)
Model code
(no D for three-phase)



PERFORMANCE DATA 50Hz

MODEL		P ₂		Outlet (inch)	Capacity (m³/h)	Pump lift (m)	N.W (kg)	Packing dimension (mm)
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP					
VD180F	-	0.18	0.25	1½"	6	8	9.6	480 × 180 × 200
VD450F	-	0.45	0.6	2"	14	8	17.5	470 × 200 × 270
VD750F	-	0.75	1.0	2"	19	11	18.5	490 × 200 × 270
VD1100F	V1100	1.1	1.5	2"	20	13	19.2	580 × 320 × 260
VD1100SF	V1100S	1.1	1.5	2"	17	10	19.5	580 × 320 × 260
VD1300SF	V1300S	1.3	1.8	2"	20	13	22.4	540 × 310 × 260
VD1500SF	V1500S	1.5	2.0	2"	21	14	23	540 × 310 × 260



ZHM Hot and cold water pump



Application

This series water pump is a new idea type of high energy-efficiency household water pump, widely used in home living water, under-well pumping, tap water pressurizing, garden irrigation, water supply for vegetable green houses, particularly suitable for boosting insufficient mains water pressure for water heater.

Pressure switch or pressure sensor

According to the pressure decide the pump on or off. When the pipe pressure is less than the switch pressure adjust point, the switch automatically turns on, the pump starts running; when the pipe pressure is higher than switch pressure adjust point, the switch automatically turns off, the pump stops running. The switch pressure can be adjusted according to the height of water and different pressure adjusted within their range. OMRON inching switch with no noise start will be more reliable.

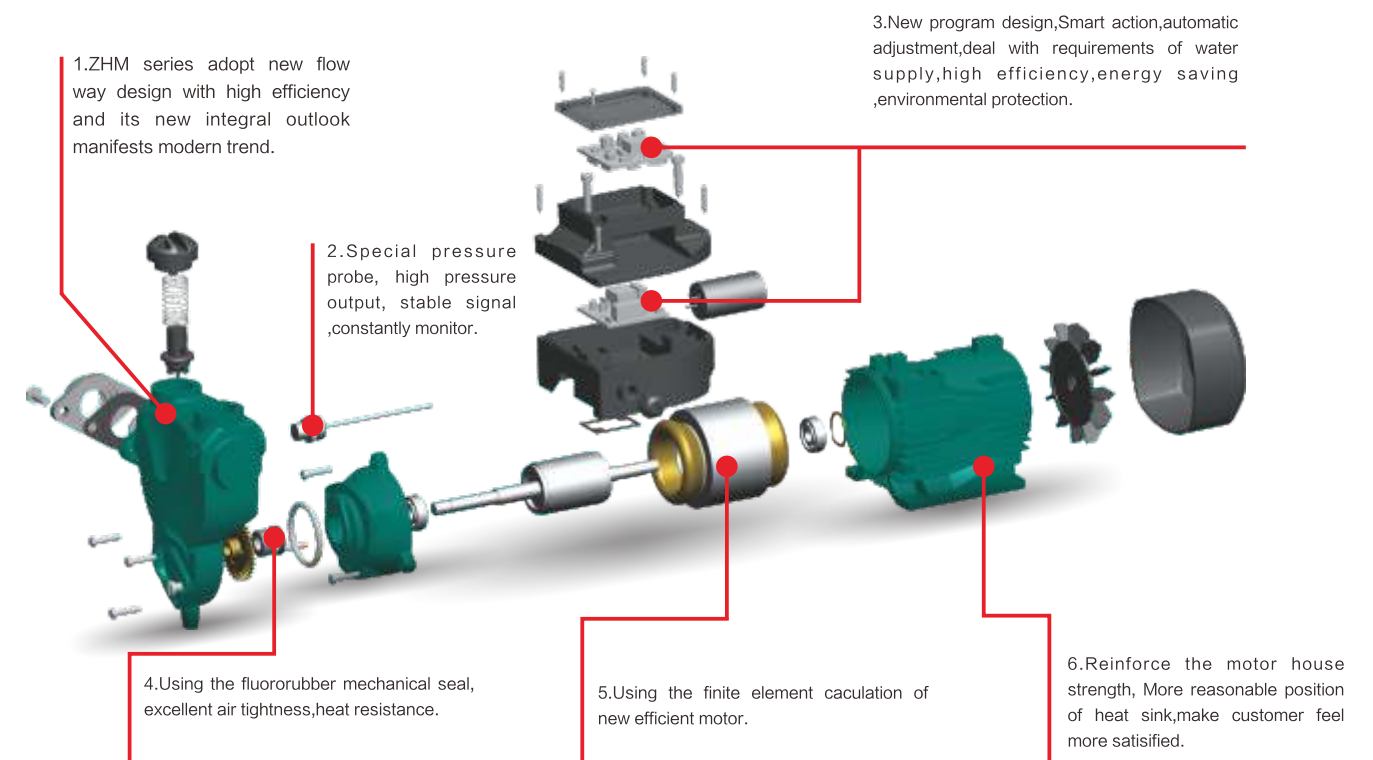
Working condition

1. Medium temperature shouldn't be over 100°C and PH should be 6.5-8.5.
2. Working medium carries no corrosives, sand contents shall be maximum 0.10% by volume and granular size shall be maximum 0.20mm.
3. Power frequency shall be 50Hz, single phase voltage 220V, voltage fluctuation shall be 0.9-1.1 times the nominal.
4. When the temperature is below 0°C Antifreeze should be prepared to work, open water proof screw to let the water come out and avoid frost cracking the pump.

(Note: Before using this product, must ensure the pipe is not leakage)

ZHM Hot and cold water pump

1. Use PC chip electric switch control, avoid switch starting frequently, with long service life.
2. Start 10s/72h without using for a long time and it can avoid damaging the pump.
3. When inlet of the pump lacks of water, it will be keeping on watching for 8 minutes, then it automatically comes into short water protection system. It can prevent pump from working under no water condition for a long time.
4. Increase the turn on delay function. When the pump plugs into socket, it will delay 3 seconds to start which can avoid socket sparking and protect personal safety.
5. Increase the flow sensor to achieve pressure stabilizing effect, avoid the flow suddenly becoming big or small.
6. Using the advance flow system to make sure full use of the pump and truly achieve full pressure use.



MODEL	Voltage (V)	Rate Power (W)	Current (A)	Max. Head (m)	Suction (m)	Max Capacity (m³/h)	Outlet (inch)	N.W (kg)
ZHM-128E	220V/50Hz	128	1.7	32	8	1.7	1"	7.2
ZHM-200E	220V/50Hz	200	1.8	25	8	1.8	1"	8.7
ZHM-300E	220V/50Hz	300	2.1	30	8	2.0	1"	9.1
ZHM-400E	220V/50Hz	400	2.6	35	8	2.5	1"	9.4
ZHM-600E	220V/50Hz	600	4.0	40	8	3.0	1"	12.2
ZHM-800E	220V/50Hz	800	5.0	45	8	3.5	1"	13.6
ZHM-1100E	220V/50Hz	1100	8.0	50	8	5.0	1.5"	19.5
ZHM-1500E	220V/50Hz	1500	8.0	60	8	6.0	1.5"	21
ZHM-1100SSE	220V/50Hz	1100	10.0	50	8	5.0	1.5"	23
ZHM-1500SSE	220V/50Hz	1500	10.0	60	8	6.0	1.5"	24.5

GP

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 +40℃.
Maximum sand content:0.25%.

Motor and Pump

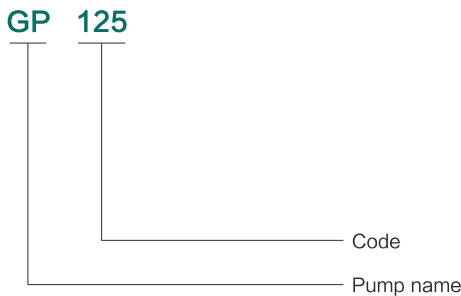
Rewindable motor
Three-phase:380V~415V/50Hz
Single-phase:220V~240V/50Hz

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

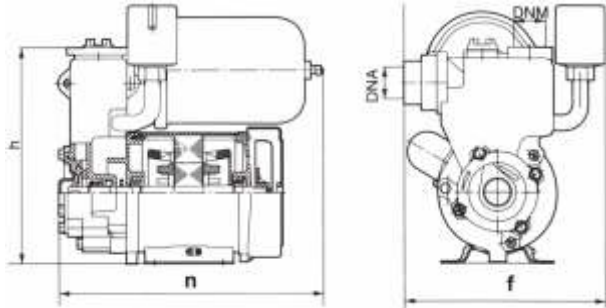
Warranty:1 year

(according to our general sales conditions).



GP-130AUTO

GP-125



MODEL	DN1	DN2	DIMENSIONS(mm)		
			n	h	f
GP-125	1"	1"	280	195	170
GP-130AUTO	1"	1"	310	290	230

PERFORMANCE DATA 50Hz

MODEL	Single-phase Mtor							n=2850r/min										
	Input max kW	Output Power		Current A	Q.max L/min	H.max m	Suct.max m	Q m³/h L/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	
		KW	HP						0	5	10	15	20	25	30	35	40	
									0	5	10	15	20	25	30	35	40	
GP-125	0.45	0.25	0.32	2.00	35	40	9	H meter	35	32	29	25.5	21.8	17.5	13.5	9.5	5	
GP-130AUTO	0.45	0.25	0.32	2.00	35	40		35	32	29	25.5	21.8	17.5	13.5	9.5	5		

QB

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 +40℃.
Maximum sand content:0.25%.

Motor and Pump

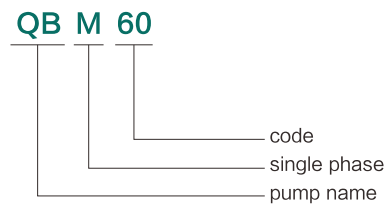
Rewindable motor
Three-phase:380V~415V/50Hz
Single-phase:220V~240V/50Hz

Options on request

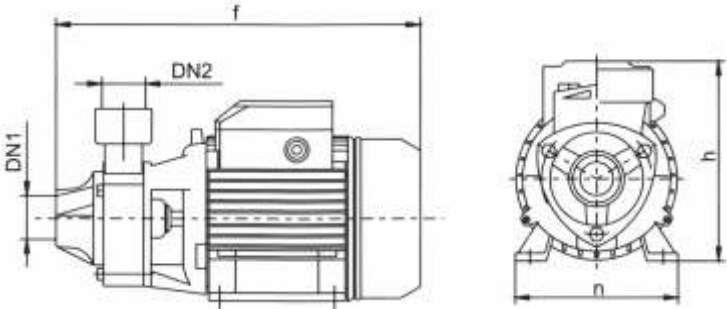
Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

(according to our general sales conditions).



MODEL	DN1	DN2	DIMENSIONS(mm)		
			n	h	f
QBM60	1"	1"	120	152	343
QBM70	1"	1"	134	179	285
QBM80	1"	1"	134	179	285



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n ≈ 2850 r/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			
					0	5	10	15	20	25	30	35	40	45	50			
QBM60	QB60	0.37	0.5	H (m)	33	29	25	21	17	13	9	5	—	—	—			
QBM70	QB70	0.55	0.75		45	40	35	30	25	20	15	10	5	—	—			
QBM80	Qb80	0.75	1		58	53	48	43	38	33	28	23	18	13	8			

JET

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 +40℃.
Maximum sand content:0.25%.

Motor and Pump

Rewindable motor
Three-phase:380V~415V/50Hz
Single-phase:220V~240V/50Hz

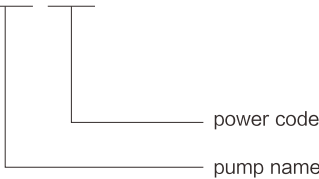
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

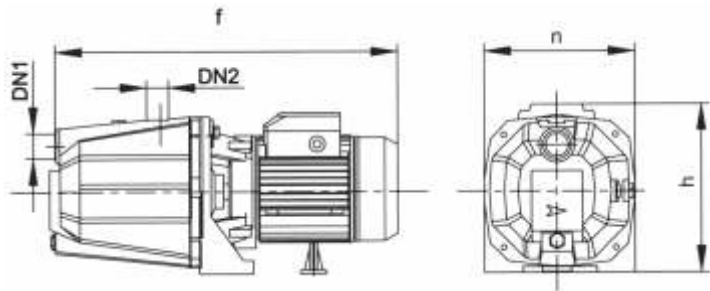
Warranty:1 year

(according to our general sales conditions).

JET 100



MODEL	DN1	DN2	DIMENSIONS(mm)		
			n	h	f
JET60	1"	1"	173	198	402
JET80	1"	1"	180	203	420
JET100	1"	1"	180	203	420
JET150	1½"	1"	216	215	440



PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n ≈ 2850 r/min									
	KW	HP	Q	m³/h	0	0.6	1.2	2.4	3.6	4.8	6.0	7.2
1 ~ 220V/240V				l/min	0	10	20	40	60	80	100	120
JET60	0.37	0.5	H (m)		36	26	20	7	—	—	—	—
JET80	0.55	0.75			42	32	26	12	—	—	—	—
JET100	0.75	1.0			47	38	32	24	9	—	—	—
JET150	1.1	1.5			50	45	40	32	21	15	10	8

JSW

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 +40℃.
Maximum sand content:0.25%.

Motor and Pump

Rewindable motor
Three-phase:380V~415V/50Hz
Single-phase:220V~240V/50Hz

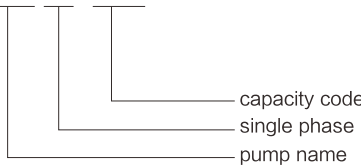
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

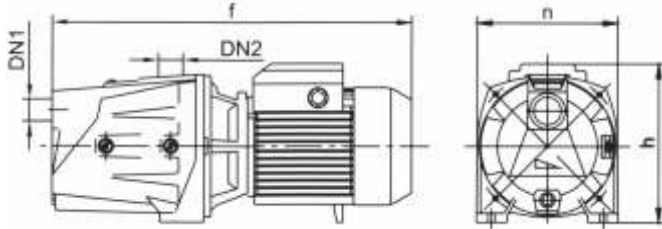
Warranty:1 year

(according to our general sales conditions).

JSW m 10H



MODEL	DN1	DN2	DIMENSIONS(mm)		
			n	h	f
JSWm10H	1"	1"	190	208	423
JSWm12H	1"	1"	196	208	423
JSWm15H	1"	1"	208	235	505
JSWm10M	1"	1"	190	208	423
JSWm15M	1½"	1"	208	235	505



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n ≈ 2850 r/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
					l/min	0	10	20	30	40	50	60	70
JSWm10H	JSW10H	0.75	1	H (m)		52	44	37	31.5	27	23	—	—
JSWm12H	JSW12H	0.9	1.25			64	55.5	48.5	42.5	37.5	34	—	—
JSWm15H	JSW15H	1.1	1.5			70	62	54.5	48	42.5	38	—	—
JSWm10M	JSW10M	0.75	1			40	35	31	27.4	24.2	21.6	19.5	18
JSWm15M	JSW15M	1.1	1.5			50	45	40.3	36	32	28.5	25	22.6

AUDP

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 +40℃.
Maximum sand content:0.25%.

Motor and Pump

Rewindable motor
Three-phase:380V~415V/50Hz
Single-phase:220V~240V/50Hz

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

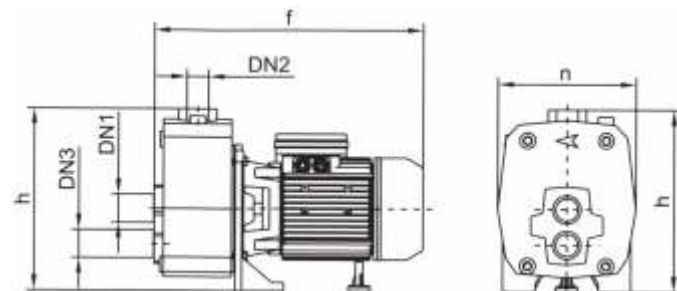
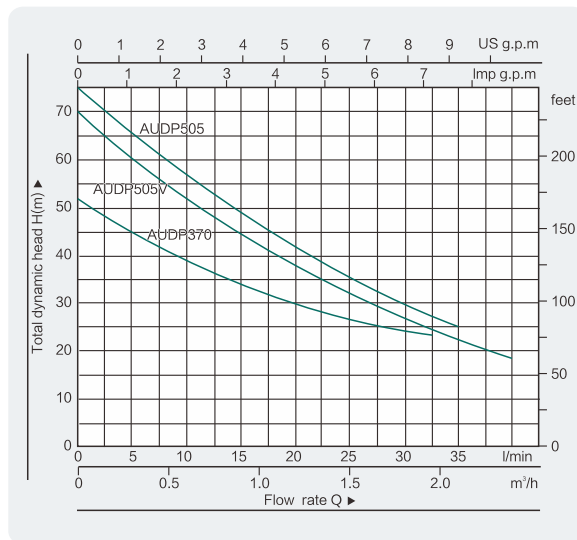
Warranty:1 year

(according to our general sales conditions).

AUDP m 370

code
single phase
pump name

MODEL	DN1	DN2	DN3	DIMENSIONS(mm)		
				n	h	f
AUDPm370	1½"	1"	1"	180	201	402
AUDPm505	1½"	1"	1"	210	260	420
AUDPm505-1	1½"	1"	1"	210	260	440



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n ≈ 2850 r/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
					l/min	0	5	10	15	20	25	30	35
AUDPm370	—	0.75	1		52	45	40	36	32	29	26	—	—
AUDPm505	—	1.1	1.5		70	62	56	48	40	35	30	25	—
AUDPm505-1	AUDPm505-1	1.5	2.0		75	65	58	50	42	38	30	26	18

DK

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 +40℃.
Maximum sand content:0.25%.

Motor and Pump

Rewindable motor
Three-phase:380V~415V/50Hz
Single-phase:220V~240V/50Hz

Options on request

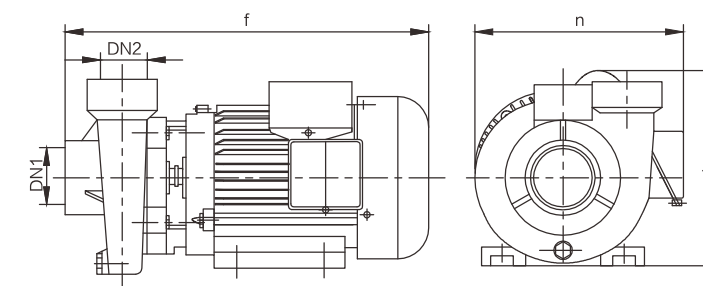
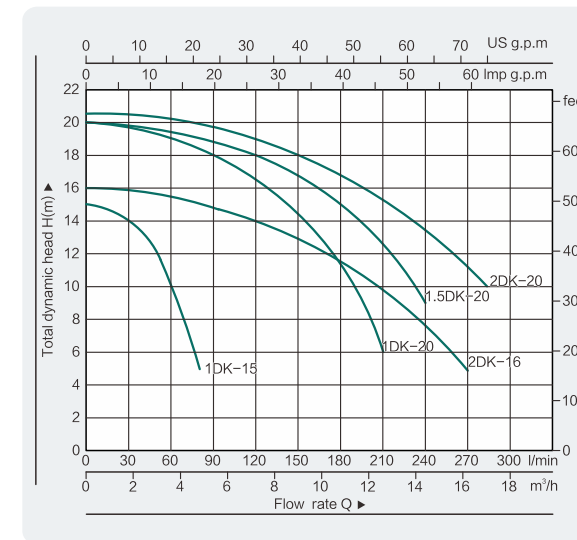
Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

(according to our general sales conditions).

1 DK-15

head H(m)
pump name
caliber



MODEL	DN1	DN2	DIMENSIONS(mm)		
			n	h	f
1DK-15	1"	1"	148	172	260
1DK-20	1"	1"	168	190	298
1.5DK-20	1½"	1½"	168	190	298
2DK-16	2"	2"	185	200	360
2DK-20	2"	2"	185	207	360

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n ≈ 2850 r/min									
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP	Q	m³/h	0	1.2	2.4	4.8	7.2	9.0	10.8	12.6
					l/min	0	20	40	60	120	150	180	210
1DK-15	—	0.37	0.5		15	14	10	5	—	—	—	—	—
1DK-20	—	0.55	0.75		20	19	18	17	16.5	14.4	11.3	6	—
1.5DK-20	1.5DK-20	0.75	1.0	H (m)	20	19.2	18.3	17.5	16.8	15	11.5	12.6	9
2DK-16	2DK-16	1.1	1.5		16	15.5	15	14.5	14	13	11.5	9.8	7.6
2DK-20	2DK-20	1.5	2.2		21	20.5	20	19.5	19	18	16.8	15.2	13.4

CPM

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 +40℃.
Maximum sand content:0.25%.

Motor and Pump

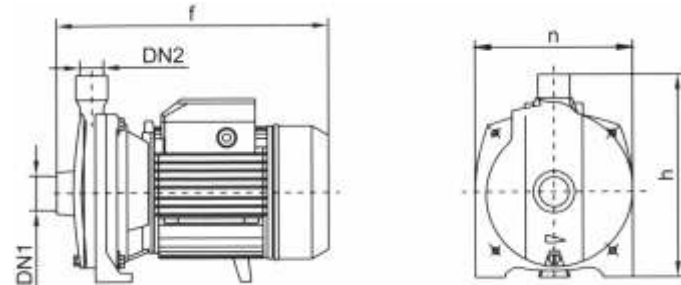
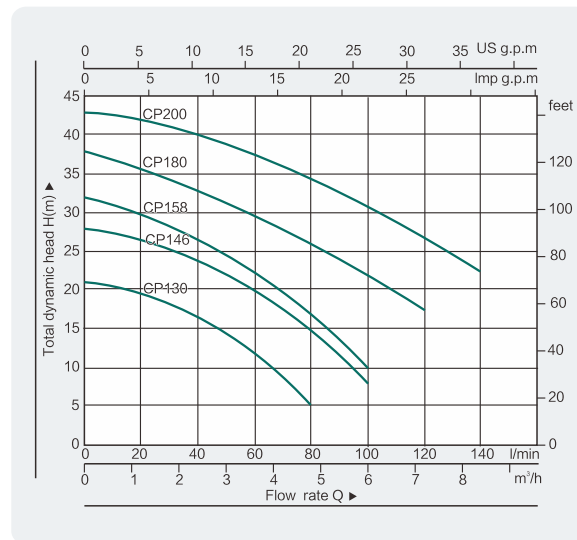
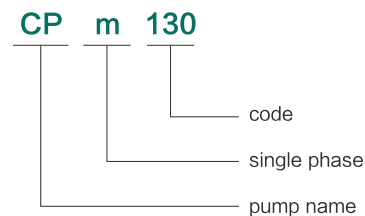
Rewindable motor
Three-phase:380V~415V/50Hz
Single-phase:220V~240V/50Hz

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

(according to our general sales conditions).



MODEL	DN1	DN2	DIMENSIONS(mm)		
			n	h	f
CPm130	1"	1"	165	211	259
CPm146	1"	1"	190	242	298
CPm158	1"	1"	190	242	298
CPm180	1 1/4"	1"	242	260	341
CPm200	1 1/4"	1"	242	290	358

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n ≈ 2850 r/min									
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP	Q	m³/h l/min	0	1.2	2.4	3.6	4.8	6	7.2	8.4
						0	20	40	60	80	100	120	140
CPm130	CP130	0.37	0.5	H (m)		21	19	16	11	5	—	—	—
CPm146	CP146	0.55	0.75			28	26	24	20	15	8	—	—
CPm158	CP158	0.75	1			32	29	26	22	16	10	—	—
CPm180	CP180	1.1	1.5			38	36	33	28	26	22	17	—
CPm200	CP200	1.5	2			43	42	40	38	35	31	27	22

2CP

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 +40℃.
Maximum sand content:0.25%.

Motor and Pump

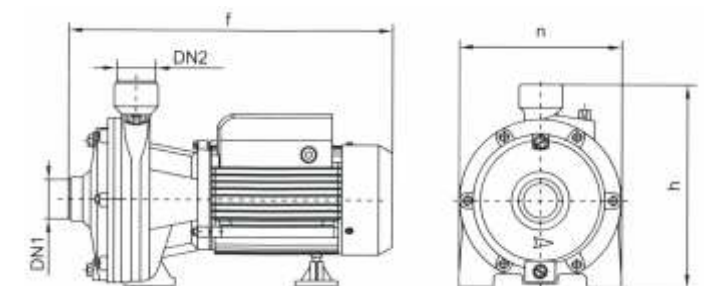
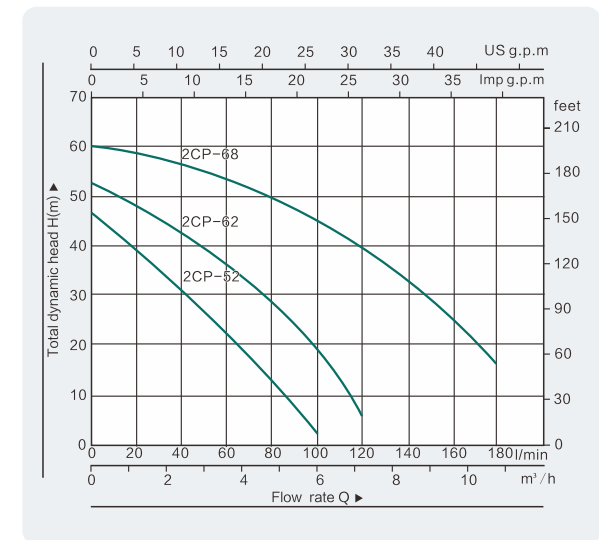
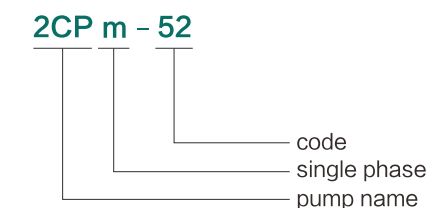
Rewindable motor
Three-phase:380V~415V/50Hz
Single-phase:220V~240V/50Hz

Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

(according to our general sales conditions).



MODEL	DN1	DN2	DIMENSIONS(mm)		
			n	h	f
2CPm-52	1 1/4"	1"	180	213	335
2CPm-62	1 1/4"	1"	200	225	356
2CPm-68	1 1/2"	1 1/4"	225	263	399

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n ≈ 2850 r/min											
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP	Q	$\frac{m^3}{h}$	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
					$\frac{l}{min}$	0	20	40	60	80	100	120	140	160	180
2CPm-52	2CP-52	1.1	1.5	H (m)		47	69.6	31.5	22.6	13	2	–	–	–	–
2CPm-62	2CP-62	1.5	2			53	47.5	42	35	28	19.5	5.5	–	–	–
2CPm-68	2CP-68	2.2	3			60	58.5	56.5	53.5	50	45	39.5	33	25	16

HF

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 +40℃.
Maximum sand content:0.25%.

Motor and Pump

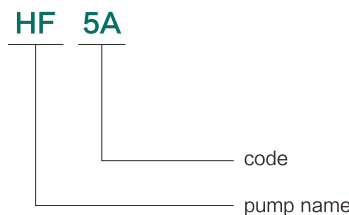
Rewindable motor
Three-phase:380V~415V/50Hz
Single-phase:220V~240V/50Hz

Options on request

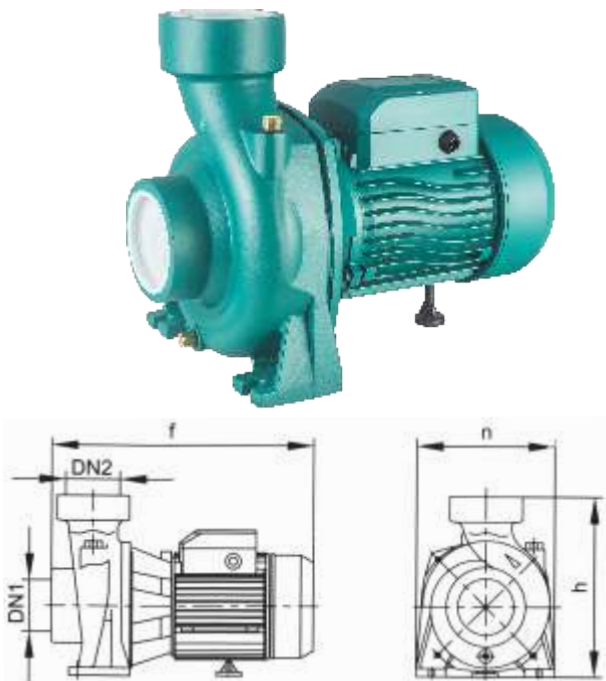
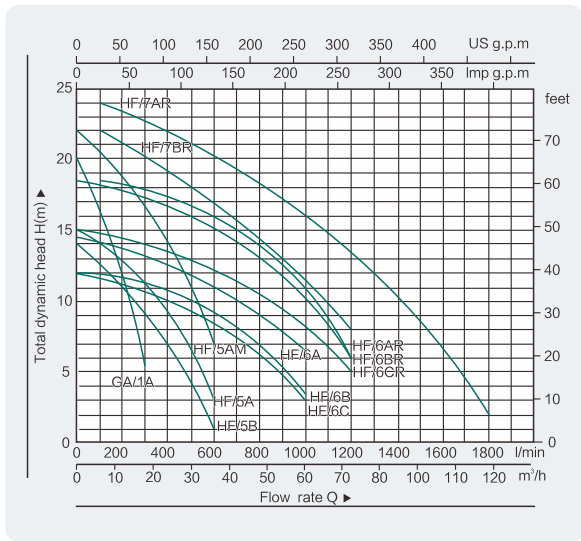
Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

(according to our general sales conditions).



MODEL	DN1	DN2	DIMENSIONS(mm)		
			n	h	f
GA/1A	1½"	1½"	205	270	322
HF/5B	2"	2"	220	285	362
HF/5A	2"	2"	220	285	362
HF/5AM	2"	2"	252	296	417
HF/6C	3"	3"	279	355	445
HF/6B	3"	3"	279	355	445
HF/6A	3"	3"	279	355	518
HF/6CR	4"	4"	279	355	445
HF/6BR	4"	4"	279	355	445
HF/6AR	4"	4"	279	355	518
HF/7BR	4"	4"	278	355	518
HF/7AR	4"	4"	340	440	600



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n ≈ 2850 r/min																
1 ~ 220V/240V	3 ~ 380V/415V	KW	HP	Q	m³/h	0	3	6	9	12	18	24	30	36	42	48	60	72	84	96
					l/min	0	50	100	150	200	300	400	500	600	700	800	1000	1200	1400	1600
GA/1A	—	0.75	1.0			20	18	16	14	12	—	—	—	—	—	—	—	—	—	—
HF/5B	—	0.75	1.0	H (m)		14	13.5	13	12	11.5	10.5	8	5	—	—	—	—	—	—	—
HF/5A	HF/5A	1.1	1.5			15	14	13.5	13	12	11	9.2	6.5	3	—	—	—	—	—	—
HF/5AM	HF/5AM	1.5	2.0			22	21	20	18	16.5	15	14	10	7	—	—	—	—	—	—
HF/6C	HF/6C	1.1	1.5			—	12	11.7	11.5	11	10.7	10.5	10.2	9	8	6.5	3	—	—	—
HF/6B	HF/6B	1.5	2.0			—	15	14.7	14.5	14.2	14	13.5	13	12	11	9.7	6.5	5	—	—
HF/6A	HF/6A	2.2	3.0			—	18.5	18.2	18	17.5	17	16.5	16	15.3	15	13.5	10.5	6	—	—
HF/6CR	HF/6CR	1.1	1.5			—	—	12	11.5	11	10.5	10	9.5	9	8	6.5	3	—	—	—
HF/6BR	HF/6BR	1.5	2.0			—	—	14.5	14	13.5	13	12.5	12	11.5	11	10	6.5	—	—	—
HF/6AR	HF/6AR	2.2	3.0			—	—	8.5	18.3	18	17.3	17	16.5	16	15	13	10	6	—	—
—	HF/7BR	3.0	4.0			—	—	22	21	20	18.5	18	17.5	17	16	15	12	8	—	—
—	HF/7AR	4.0	5.0			—	—	24	23	22	21.5	21	20	19	18	17	15	13	9	3

NF

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 +40℃.
Maximum sand content:0.25%.

Motor and Pump

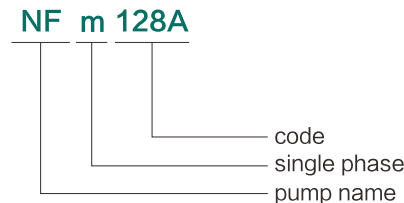
Rewindable motor
Three-phase:380V~415V/50Hz
Single-phase:220V~240V/50Hz

Options on request

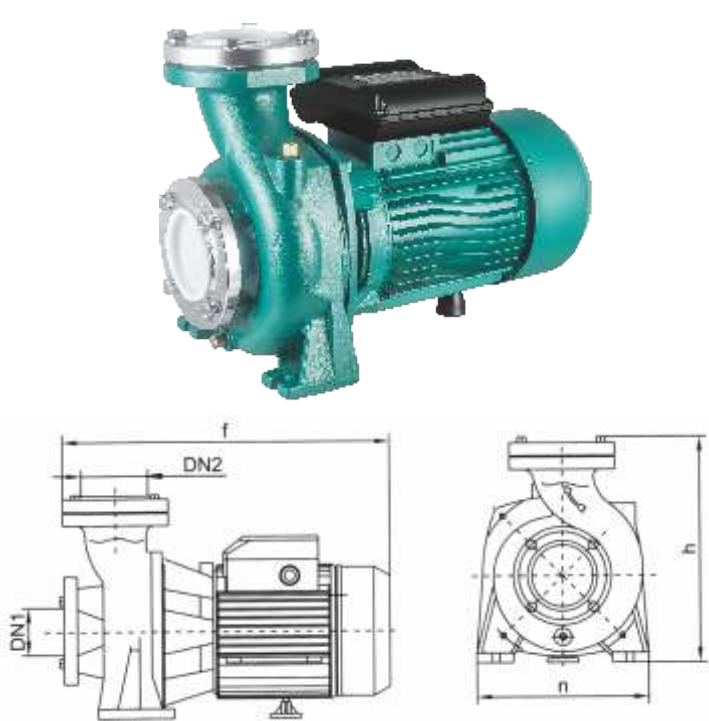
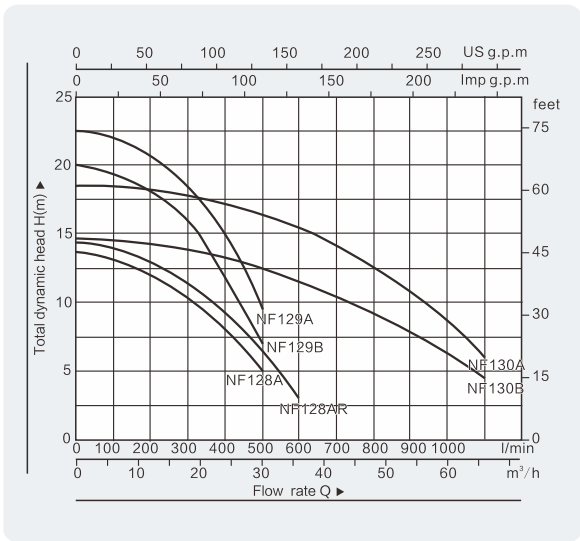
Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

(according to our general sales conditions).



MODEL	DN1	DN2	DIMENSIONS(mm)		
			n	h	f
NFm128A	2"	2"	196	271	344
NFm128AR	2"	2"	196	271	390
NFm129B	2"	2"	240	320	390
NFm129A	2"	2"	240	320	390
NFm130B	2"	2"	240	320	390
NFm130A	2"	2"	240	320	390



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n ≈ 2850 r/min																
1 ~ 220V/240V	3 ~ 380V/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			
NFm128A	NF128A	0.75	1			13.7	13.1	12	10.5	8.1	5	—	—	—	—	—	—			
NFm128AR	NF128AR	1.1	1.5	H (m)		14.5	14	13	11.5	9.5	6.5	3	—	—	—	—	—			
NFm129B	NF129B	1.1	1.5			20	19.4	18.1	16	12	7	—	—	—	—	—	—			
NFm129A	NF129A	1.5	2			22.5	22	20.8	18.5	15	9.5	—	—	—	—	—	—			
NFm130B	NF130B	1.5	2			14.7	14.5	14.3	14	13.3	12.5	11.6	10.5	9.3	7.9	6.3	4.5			
NFm130A	NF130A	2.2	3			18.5	18.3	18.2	17.8	17	16.5	15.5	14.2	12.6	10.8	8.6	6			

WQ

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 +40℃.
Maximum sand content:0.25%.

Motor and Pump

Rewindable motor
Three-phase:380V-415V/50Hz
Single-phase:220V-240V/50Hz

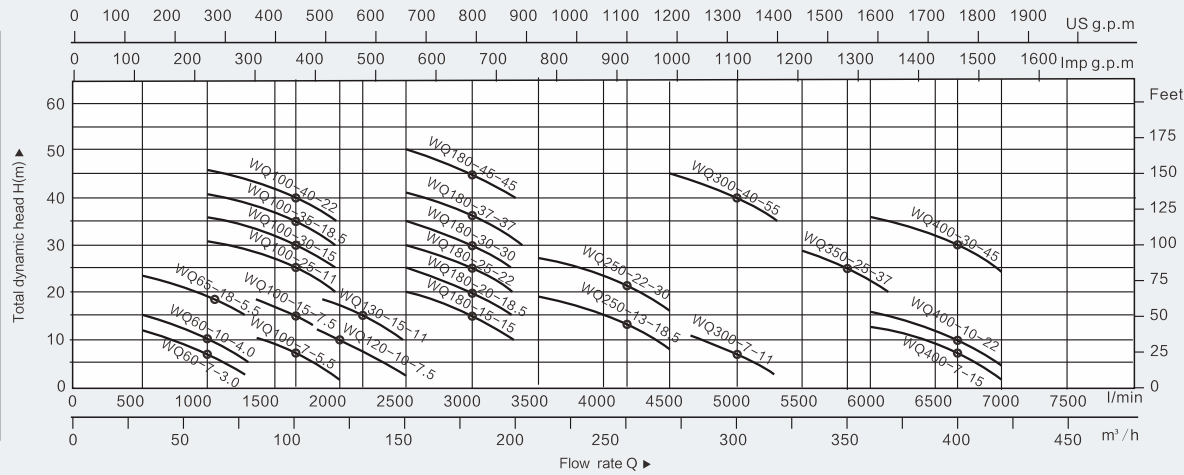
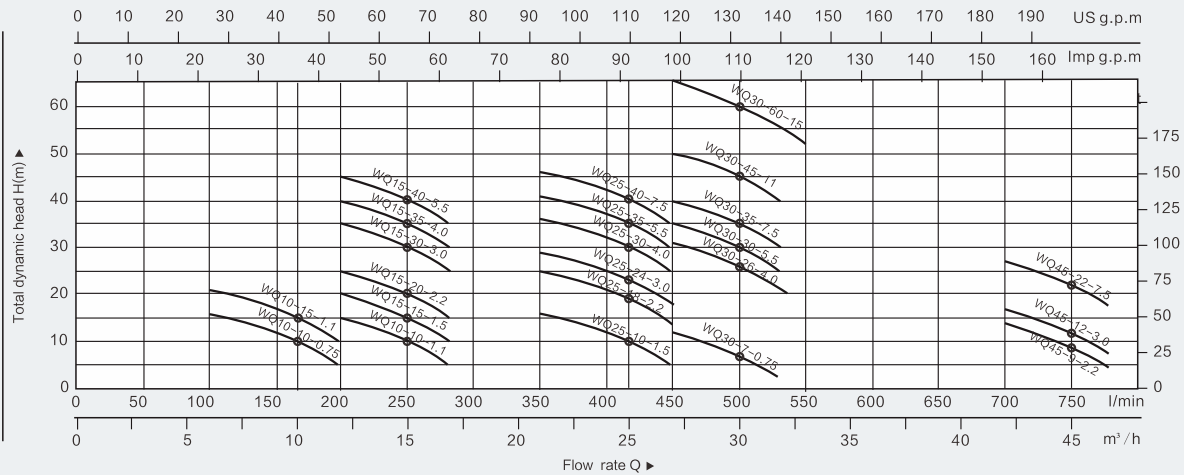
Options on request

Special mechanical seal
Other voltages or frequency 60 Hz

Warranty:1 year

(according to our general sales conditions).

PERFORMANCE CURVE DIAGRAM



WQ

TECHNICAL DATA

MODEL	Flow (m³/h)	Head (m)	Power (W)	Voltage (V)	Rotary velocity (r/min)	Caliber (mm)	Efficiency (%)	Automatic coupler
WQ10-10-0.75	10	10	0.75	220/380	2850	50	45	GAK-50
WQ10-15-1.1	10	15	1.1	220/380	2850	50	48	
WQ15-15-1.5	15	15	1.5	380	2850	50	50	
WQ15-20-2.2	15	20	2.2	380	2850	50	54	
WQ15-30-3.0	15	30	3.0	380	2850	50	58	
WQ15-35-4.0	15	35	4.0	380	2850	50	60	
WQ15-40-5.5	15	40	5.5	380	2850	50	63	GAK-65
WQ25-40-7.5	25	40	7.5	380	2850	50	65	
WQ15-10-1.1	15	10	1.1	220/380	2850	65	48	
WQ25-10-1.5	25	10	1.5	380	2850	65	50	
WQ25-18-2.2	25	18	2.2	380	2850	65	54	
WQ25-24-3.0	25	24	3.0	380	2850	65	58	
WQ25-30-4.0	25	30	4.0	380	2850	65	60	GAK-80
WQ25-35-5.5	25	35	5.5	380	2850	65	63	
WQ30-35-7.5	30	35	7.5	380	2850	65	65	
WQ30-7-0.75	30	7	0.75	220/380	2850	80	45	
WQ45-9-2.2	45	9	2.2	380	2850	80	54	
WQ45-12-3.0	45	12	3.0	380	2850	80	58	
WQ30-26-4.0	30	26	4.0	380	2850	80	60	GAK-100
WQ30-30-5.5	30	30	5.5	380	2850	80	63	
WQ45-22-7.5	45	22	7.5	380	2850	80	65	
WQ30-45-11	30	45	11	380	2850	80	67	
WQ30-60-15	30	60	15	380	2850	80	71	
WQ60-7-3.0	60	7	3.0	380	2850	100	58	GAK-150
WQ60-10-4.0	60	10	4.0	380	2850	100	60	
WQ65-18-5.5	65	18	5.5	380	2850	100	63	
WQ100-15-7.5	100	15	7.5	380	2850	100	65	
WQ100-25-11	100	25	11	380	2850	100	67	
WQ100-30-15	100	30	15	380	2850	100	71	GAK-200
WQ100-35-18.5	100	35	18.5	380	2850	100	73	
WQ100-40-22	100	40	22	380	2850	100	75	
WQ100-7-5.5	100	7	5.5	380	2850	150	63	
WQ120-10-7.5	120	10	7.5	380	2850	150	65	
WQ130-15-11	130	15	11	380	2850	150	67	
WQ180-15-15	180	15	15	380	2850	150	71	GAK-200
WQ180-20-18.5	180	20	18.5	380	2850	150	75	
WQ180-25-22	180	25	22	380	2850	150	76	
WQ180-30-30	180	30	30	380	2850	150	78	
WQ180-37-37	180	37	37	380	2850	150	79	
WQ180-45-45	180	45	45	380	2850	150	81	
WQ300-7-11	300	7	11	380	2850	200	67	GAK-200
WQ400-7-15	400	7	15	380	2850	200	71	
WQ250-13-18.5	250	13	18.5	380	2850	200	75	
WQ400-10-22	400	10	22	380	2850	200	76	
WQ250-22-30	250	22	30	380	2850	200	78	
WQ350-25-37	350	25	37	380	2850	200	79	
WQ400-30-45	400	30	45	380	2850	200	81	GAK-200
WQ300-40-55	300	40	55	380	2850	200	83	

DL

Application

The pumps are suitable for transporting clean media which are non-aggressive to stainless steel SUS 304 or SUS 316

Preformance limits

Max.Working pressure:10bar
To avoid overload and danger the pump should be operated within the performance ranges.
Media temperature:
With NBR/ceramic/carbon:-20℃~+80℃
With Viton/ceramic/carbon:-20℃~+110℃
With silicone rubber/ceramic/carbon:-20℃~+110℃

Mainly applied on

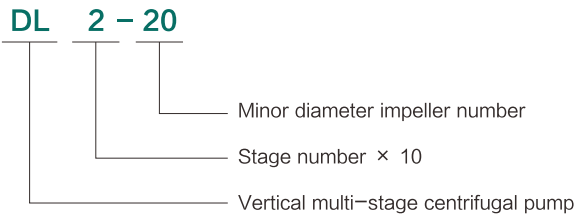
Water supply systems
Pressure boiler feeding
Pure water treating systems
Refining chemical industries
Washing and sprinkling

MOTOR

T.E.F.C,continuous duty insulation class:F
Protection class:IP55
Three phase:380V,50Hz,Speed:2900rpm



SYMBOLS



DL2 PERFORMANCE DATA

2900rpm

MODEL	Power		Capacity							
Three phase 380V 50Hz	KW	HP	Q	m³/h	1.0	1.5	2.0	2.5	3.0	3.5
				l/min	16.7	25	33.3	41.7	50	58.3
Head(m)										
DL2-20	0.37	0.5	H (m)	16	15.5	15	14	12.5	10.5	
DL2-30	0.37	0.5		24	23	22	20	19	16	
DL2-40	0.55	0.75		32.5	31	29.5	27.5	25.5	21	
DL2-50	0.55	0.75		41	39	36.5	34	31	26	
DL2-60	0.75	1.0		52	50	47	43	39	33	
DL2-70	0.75	1.0		60	58	53	50	45	39	
DL2-90	1.1	1.5		78	74	69	63	58	46	
DL2-110	1.1	1.5		96	91	85	80	72	57	
DL2-130	1.5	2.0		112	107	100	90	81	69	
DL2-150	1.5	2.0		130	124	114	104	93	77	
DL2-160	2.2	3.0		137	132	122.5	112	103	82	
DL2-170	2.2	3.0		147	140	129	119	109	87	
DL2-180	2.2	3.0		156	149	138	130	114	93	
DL2-190	2.2	3.0		163	156	144.5	133	119.5	97	
DL2-200	2.2	3.0		172	164	152	140	128	104	
DL2-220	2.2	3.0		185	173	165	150	140	112	
DL2-230	3.0	4.0		198	188	175	161	147	117	
DL2-240	3.0	4.0		206	196	182.5	168	154	123	
DL2-260	3.0	4.0		217	203	194	176	165	135	

DL

DL4 PERFORMANCE DATA

2900rpm

MODEL	Power		Capacity								
Three phase 380V 50Hz	KW	HP	Q	m³/h	2	3	4	5	6	7	8
				l/min	33.3	50	66.7	83.3	100	116.7	133.3
Head(m)											
DL4-20	0.37	0.5	H (m)	18	17	16	15	14	10	6	
DL4-30	0.55	0.75		26	25	24	22.5	20	12	7.5	
DL4-40	0.75	1.0		35	33.5	32	29.5	26.5	16	10	
DL4-50	1.1	1.5		43	40	37	33	28	23	12	
DL4-60	1.1	1.5		52	50	45	41	34	25	14	
DL4-70	1.5	2.0		61	58	53	47.5	40	28	18	
DL4-80	1.5	2.0		70	66.5	61	54	46	32	21	
DL4-100	2.2	3.0		86	80	74	66	56	41	23	
DL4-120	2.2	3.0		105	99	91	82	68	47	27	
DL4-130	2.2	3.0		114	107	97.5	87	74	53	31	
DL4-140	2.2	3.0		123	116	106	93	79	56	33.5	
DL4-150	3.0	4.0		131	124	112.5	100	85.5	61	36	
DL4-160	3.0	4.0		142	133	122	111	93.	67	38	
DL4-170	4.0	5.5		149	140	127.5	114	97	70	41	
DL4-180	4.0	5.5		158	149	135	121	103	74	43	
DL4-190	4.0	5.5		166	157	143	127.5	111	78	47	
DL4-200	4.0	5.5		175	165	150	134	115	82	49	
DL4-210	4.0	5.5		184	173	157.5	141	120	86	51	
DL4-220	4.0	5.5		190	180	164	146	124	91	54	

DL8 PERFORMANCE DATA

2900rpm

MODEL	Power		Capacity									
Three phase 380V 50Hz	KW	HP	Q	m³/h	5	6	7	8	9	10	11	12
				l/min	83	100	117	133	150	167	183	200
			Head(m)									
DL8-20	0.75	1.0	H (m)	20	19.5	19	18	17	16	14	13	
DL8-30	1.1	1.5		30	29.5	28.5	27	25	24	21	19	
DL8-40	1.5	2.0		41	39.5	38	36	34	32	28	26	
DL8-50	2.2	3.0		52	50	48	45	42	40	36	32	
DL8-60	2.2	3.0		62	60	57	54	51	48	43	39	
DL8-70	3.0	4.0		72	70	68	65	61	57	51	46	
DL8-80	3.0	4.0		83	80	77	73	69	65	58	52	
DL8-90	3.0	4.0		93	90.5	87	84	78	73	66	60	
DL8-100	4.0	5.5		104	100	97	92	87	81	73	65	
DL8-110	4.0	5.5		113	110	107	102	96	89	80	73	
DL8-120	4.0	5.5		124	120	116	111	104	92	87	78	
DL8-130	5.5	7.5		134	130.5	126	121	113	105	95	86	
DL8-140	5.5	7.5		145	141	136	130	122	113	102	92	
DL8-150	5.5	7.5		154.5	150	145.5	140	131	121.5	110	99	
DL8-160	5.5	7.5		166	161	156	148	139	130	118	106	
DL8-170	7.5	10		175	170	165	158	148	138	124	112	
DL8-180	7.5	10		187	182	175	167	157	146	134	120	
DL8-190	7.5	10		196	191	184	177	165	154	139	126	
DL8-200	7.5	10		208	202	195	186	175	163	150	135	

AUTOMATIC PUMP SERIES

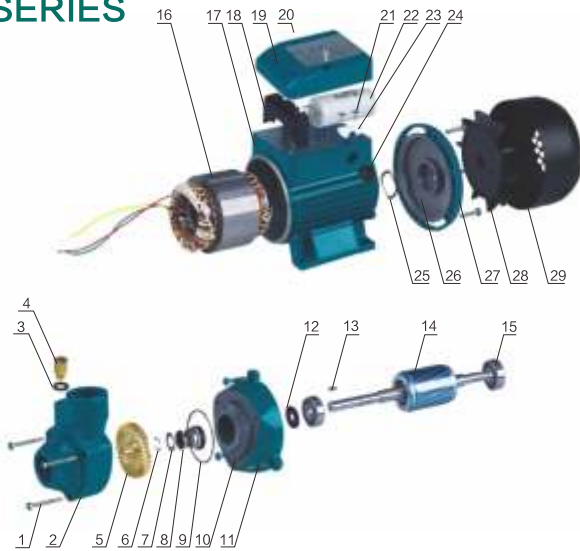
TYPE	PRESSURE BOOSTER SYSTEM		
MODEL	QB60A	QB70A	QB70A
SUPPLY POWER	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz
OUTPUY POWER	370W	550W	750W
MAX.HEAD	30m	50m	60m
MAX.FLOW	2.1m³/h	3.0m³/h	3.0m³/h
MAX.SUCT	8m	8m	8m
MAX.DIA.OF PARTICLE	3mm	3mm	3mm
OUTLET/INLET	1" × 1"	1" × 1"	1" × 1"
CABLE	H05RN-F1.5m	H05RN-F1.5m	H05RN-F1.5m
TANK	24L	24L	24L
OPENING PRESSURE	1.4bar	1.4bar	1.4bar
SHUTOFF PRESSURE	2.4bar	2.8bar	2.8bar

TYPE	PRESSURE BOOSTER SYSTEM		
MODEL	CPM146A	CPM158A	CPM170A
SUPPLY POWER	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz
OUTPUY POWER	550W	750W	1100W
MAX.HEAD	28m	30m	38m
MAX.FLOW	6m³/h	7m³/h	9m³/h
MAX.SUCT	8m	8m	8m
MAX.DIA.OF PARTICLE	3mm	3mm	3mm
OUTLET/INLET	1" × 1"	1" × 1"	1½" × 1"
CABLE	H05RN-F1.5m	H05RN-F1.5m	H05RN-F1.5m
TANK	24L	24L	50L
OPENING PRESSURE	1.4bar	1.4bar	1.4bar
SHUTOFF PRESSURE	2.4bar	2.4bar	2.8bar

TYPE	PRESSURE BOOSTER SYSTEM		
MODEL	JET-60SA	JET-80SA	JET-100SA
SUPPLY POWER	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz
OUTPUY POWER	600W	800W	1100W
MAX.HEAD	35m	42m	48m
MAX.FLOW	3.0m³/h	3.6m³/h	3.6m³/h
MAX.SUCT	8m	8m	8m
MAX.DIA.OF PARTICLE	3mm	3mm	3mm
OUTLET/INLET	1" × 1"	1" × 1"	1" × 1"
CABLE	H05RN-F1.5m	H05RN-F1.5m	H05RN-F1.5m
TANK	24L	24L	24L
OPENING PRESSURE	1.4bar	1.4bar	1.4bar
SHUTOFF PRESSURE	2.4bar	2.8bar	2.8bar

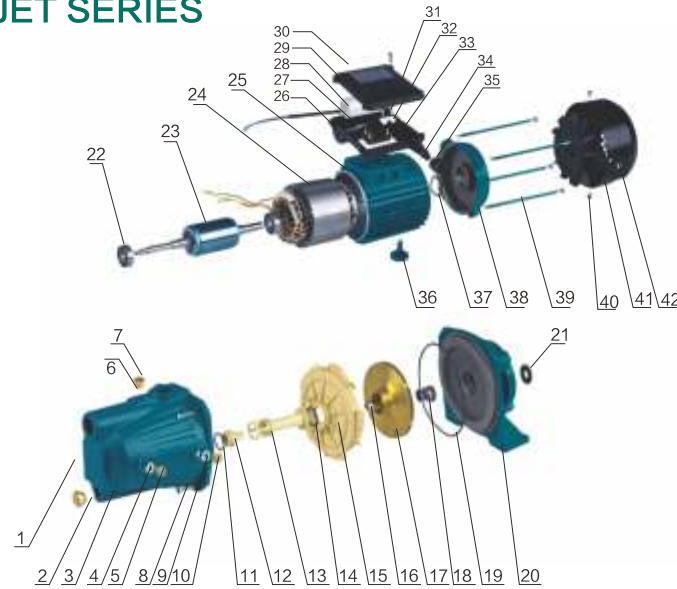


QB SERIES



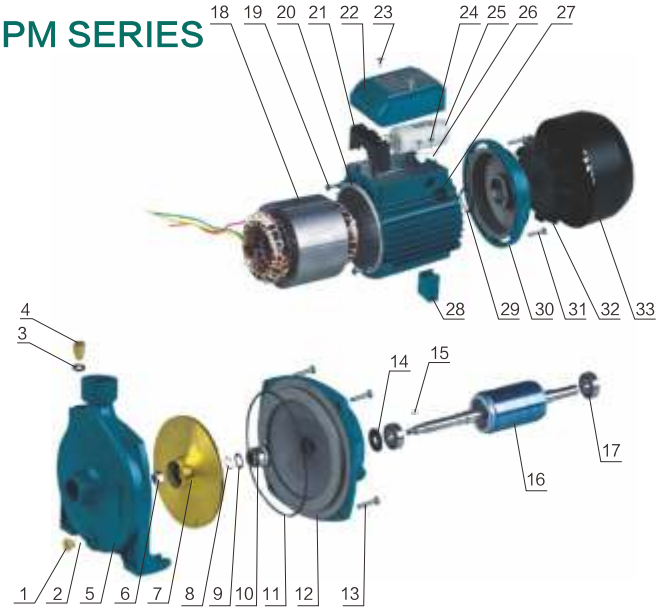
NO.	DESCRIPTION	NO.	DESCRIPTION
1	Pump Body Screw	16	Stator
2	Pump Body	17	Motor Case
3	"O"ring For Filling Plug	18	Terminal Board
4	Filling Plug	19	Terminal Cover
5	Impeller	20	Screw For Terminal Box Fixing
6	Circlip	21	Screw For Cable Presser
7	Plain Washer	22	Capacitor
8	Mechanical Seal	23	Cable Presser
9	"O"Ring For Pump Body	24	Water Proof Fairlead
10	Motor Bracker	25	Adjusting Ring
11	Screw For Motor Bracker	26	Motor Cover
12	Splash Guard	27	Motor Cover-motor Case Screw
13	Key	28	Fan
14	Shaft And Rotor	29	Fan Cover
15	Ball Bearing		

JET SERIES



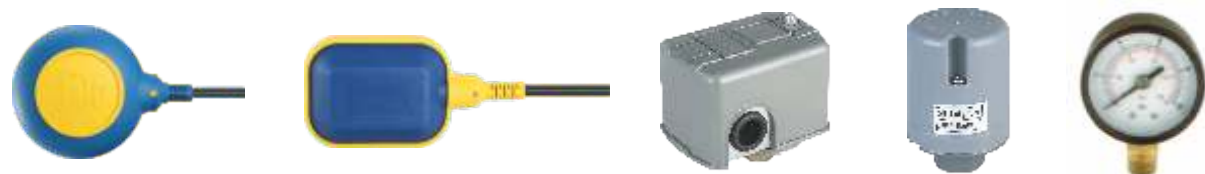
NO.	DESCRIPTION	NO.	DESCRIPTION
1	Drain Plug	22	Pump Side Ball Bearing
2	"O"ring For Drain Plug	23	Shaft And Rotor
3	Pump Body	24	Stator
4	"O"ring For Gauge Plug	25	Motor Case
5	Gauge Plug	26	Capacitor Holding Box
6	"O"ring For Filling Plug	17	Washer For Terminal Board
7	Filling Plug	28	Capacitor
8	Screw For Pump Body	29	Terminal Cover
9	"O"ring For Switch Plug	30	Screw For Terminal Box Fixing
10	Switch Plug	31	Screw For Cable Presser
11	"O"ring For Nozzle	32	Cable Presser
12	Nozzle	33	Terminal Board
13	Venturi	34	Outlet Hole
14	"O"ring For Diffuser	35	Waterproof Fairlead
15	Diffuser	36	Foot
16	Impeller Stop Nut	37	Adjustingring
17	Impeller	38	Motor Cover
18	Mechanical Seal	39	Motor Tie-rod
19	"O"ring For Pump Body	40	Fan
20	Motor Bracket	41	Fan Cover
21	Splash Guard	42	Screw For Fan Cover

CPM SERIES



NO.	DESCRIPTION	NO.	DESCRIPTION
1	Drain Plug	18	Stator
2	"O"ring For Drain Plug	19	Motor Bracket-motor Case Screw
3	"O"ring For Filling Plug	20	Motor Case
4	Filling Plug	21	Terminal Board
5	Pump Body	22	Terminal Cover
6	Nut For Impeller/impeller Stop Nut	23	Screw For Terminal Box Fixing
7	Impeller	24	Screw For Cable Presser
8	Snap Ring	25	Capacitor
9	Plain Washer	26	Cable Presser
10	Mechanical Seal	27	Water Proof Fairlead
11	"O"Ring For Pump Body	28	Foot
12	Motor Bracket	29	Adjusting Ring
13	Motor Bracket-pump Body Screw	30	Motor Cover
14	Splash Guard	31	Motor Cover-motor Case Screw
15	Key	32	Fan
16	Shuft And Rotor	33	Fan Cover
17	Ball Bearing		

SPARE PARTS



Store design



Product packing box



Instruction manual

NOTE:.....

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