

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 °C .
Maximum sand content : 0.25%.
Maximum immersion : 80m.
Minimum well diameter : 4".

Motor and Pump

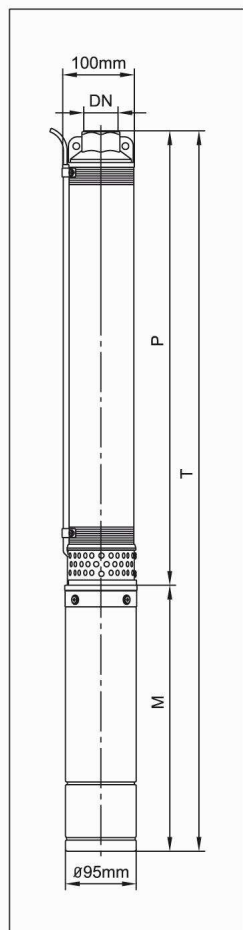
Rewindable motor or Full obturated screen motor
Three-phase: 380V - 415V /50Hz
Single-phase: 220V - 240V /50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
NEMA dimension standards
Curve tolerance according to ISO 9906

Options on request

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

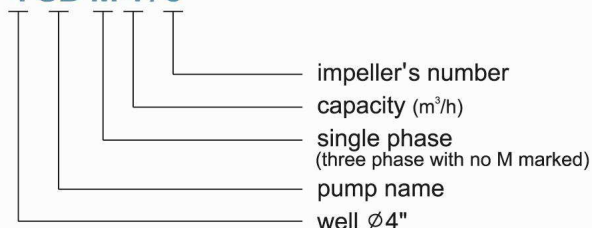
Warranty: 1 year

(according to our general sales conditions).



Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS
Suction lantern	①Cast-Cu ASTM C85500 ②AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	AISI 304 SS & Ceramic
Motor external casing	AISI 304 SS
Top cover	①Cast-Cu ASTM C85500 ②AISI 403 SS ③Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

4SDM4/3



MODEL		DN	DIMENSIONS(mm)					WEIGHT(kg)				
1 ~ 220V/240V	3 ~ 380V/415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4SDM4/3	4SD4/3	1¼"/1½"/2"	309	265	265	574	574	2.7	5.9	5.9	8.6	8.6
4SDM4/4	4SD4/4	1¼"/1½"/2"	338	275	275	613	613	3.0	6.4	6.4	9.4	9.4
4SDM4/5	4SD4/5	1¼"/1½"/2"	367	285	275	652	642	3.3	6.9	6.4	10.2	9.7
4SDM4/6	4SD4/6	1¼"/1½"/2"	396	285	285	681	681	3.5	6.9	6.9	10.4	10.4
4SDM4/7	4SD4/7	1¼"/1½"/2"	425	300	285	725	710	3.8	7.7	6.9	11.5	10.7
4SDM4/8	4SD4/8	1¼"/1½"/2"	453	300	300	753	753	4.1	7.7	7.7	11.8	11.8
4SDM4/10	4SD4/10	1¼"/1½"/2"	511	325	300	836	811	4.6	8.9	7.7	13.5	12.3
4SDM4/12	4SD4/12	1¼"/1½"/2"	569	325	325	894	894	5.2	8.9	8.9	14.1	14.1
4SDM4/14	4SD4/14	1¼"/1½"/2"	626	360	325	986	951	5.7	10.7	8.9	16.4	14.6
4SDM4/16	4SD4/16	1¼"/1½"/2"	684	360	360	1044	1044	6.3	10.7	10.7	17.0	17.0
4SDM4/19	4SD4/19	1¼"/1½"/2"	770	390	360	1160	1130	7.1	12.2	10.7	19.3	17.8
4SDM4/22	4SD4/22	1¼"/1½"/2"	888	440	390	1328	1278	7.9	13.9	12.2	21.8	20.1
4SDM4/26	4SD4/26	1¼"/1½"/2"	1003	470	440	1473	1443	9.0	15.4	13.9	24.4	22.9
-	4SD4/30	1¼"/1½"/2"	1143	-	475	-	1618	10.1	-	15.4	-	25.5
-	4SD4/34	1¼"/1½"/2"	1258	-	505	-	1763	11.1	-	16.9	-	28.0
-	4SD4/39	1¼"/1½"/2"	1402	-	535	-	1937	12.5	-	18.4	-	30.9
-	4SD4/44	1¼"/1½"/2"	1577	-	565	-	2142	13.8	-	19.9	-	33.7
-	4SD4/49	1¼"/1½"/2"	1721	-	595	-	2316	15.2	-	21.4	-	36.6
-	4SD4/54	1¼"/1½"/2"	1865	-	625	-	2490	16.6	-	22.9	-	39.5

- In the list: M(s) is single phase motor, M(T) is three phase motor.
- In the list: T(s) is single phase motor, T(m) is three phase motor.