

# 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

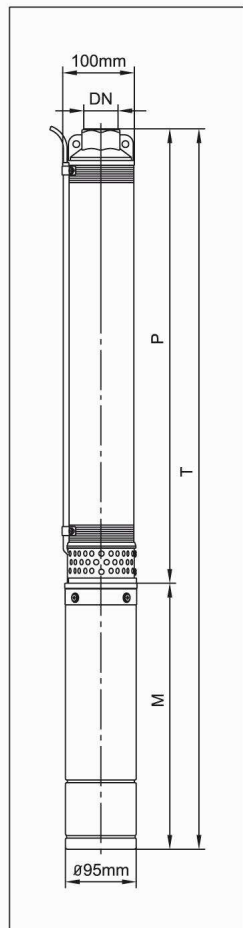
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS
Suction lantern	①Cast-Cu ASTM C85500 ②AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	AISI 304 SS & Ceramic
Motor 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.

## Options on request

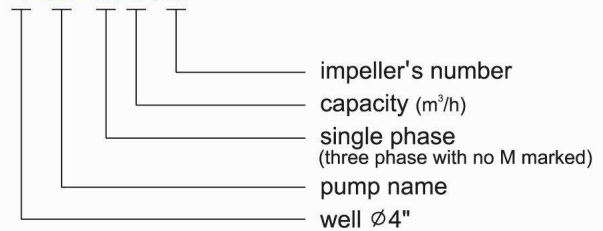
Special mechanical seal  
Other voltages or frequency 60 Hz  
Single phase motor with built-in capacitor

## Warranty: 1 year

(according to our general sales conditions).



## 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.  
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