

3SD 1.8/2.5

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 °C .
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

Equip with start control box or digital auto-control box

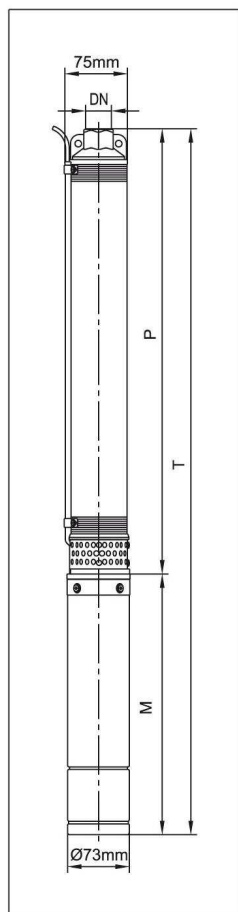
Pumps are designed by casing stressed
Curve tolerance according to ISO 9906

Options on request

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

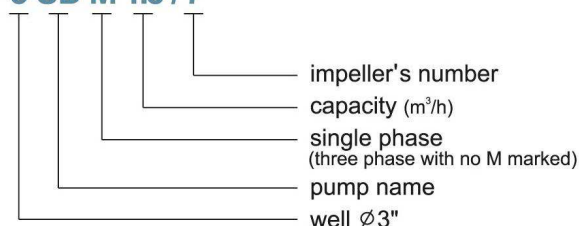
Warranty: 1 year

(according to our general sales conditions).



Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS
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	Cast-Cu ASTM C85500
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 pharmaceutical use.

3SD M 1.8/7



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)
3SDM1.8/7	3SD1.8/7	1"	351	290	270	641	621	1.7	3.8	3.2	5.5	4.9
3SDM1.8/10	3SD1.8/10	1"	418	320	290	738	708	2.0	4.6	3.8	6.6	5.8
3SDM1.8/14	3SD1.8/14	1"	509	350	320	859	829	2.3	5.5	4.6	7.8	6.9
3SDM1.8/20	3SD1.8/20	1"	668	390	350	1058	1018	3.1	6.6	5.5	9.7	8.6
3SDM1.8/27	3SD1.8/27	1"	826	430	390	1256	1216	3.8	7.8	6.6	11.6	10.4
3SDM1.8/37	3SD1.8/37	1"	1051	510	430	1561	1481	4.7	9.9	7.8	14.6	12.5
3SDM1.8/47	3SD1.8/47	1"	1300	596	510	1896	1810	5.8	12.1	9.9	17.9	16.7
3SDM2.5/5	3SD2.5/5	1"	324	290	270	614	594	2.3	3.8	3.2	6.1	5.5
3SDM2.5/7	3SD2.5/7	1"	376	320	290	696	666	2.6	4.6	3.8	7.2	6.4
3SDM2.5/10	3SD2.5/10	1"	454	350	320	804	774	3.1	5.5	4.6	8.6	7.7
3SDM2.5/15	3SD2.5/15	1"	584	390	350	974	934	3.8	6.6	5.5	10.4	9.3
3SDM2.5/20	3SD2.5/20	1"	738	430	390	1168	1128	4.6	7.8	6.6	12.4	11.2
3SDM2.5/28	3SD2.5/28	1"	946	510	430	1456	1376	5.8	9.9	7.8	15.7	13.6
3SDM2.5/36	3SD2.5/36	1"	1154	596	510	1750	1664	6.9	12.1	9.9	19.0	16.8

- 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(T) is three phase motor.