



# SDM BOREHOLE PUMP COMBO

## PRODUCT CATALOGUE

# 2.5SD Pump and Motor

## Applications

For water supply from boreholes  
For domestic, garden and irrigation applications

## Operating Conditions

Maximum fluid temperature up to +35°C

Maximum sand content: 0.25%

2SD Minimum well diameter: 2” (50mm)

Equip with standard or digital automatic control box (Not included) Pumps are designed by casing stressed Curve tolerance according to ISO 9906

## Motor and Wet End

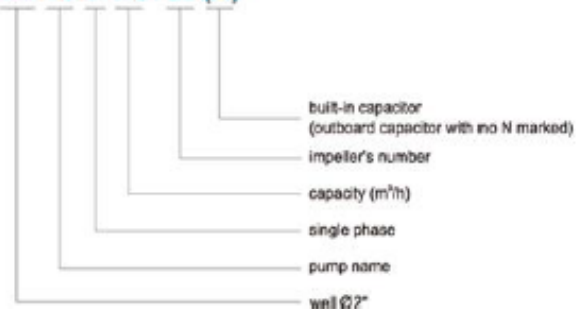
Outlet Size : 1”  
(25mm)

Single phase: 220V –  
240V/50Hz

Warranty: 1 year  
According to our  
general sales  
conditions

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

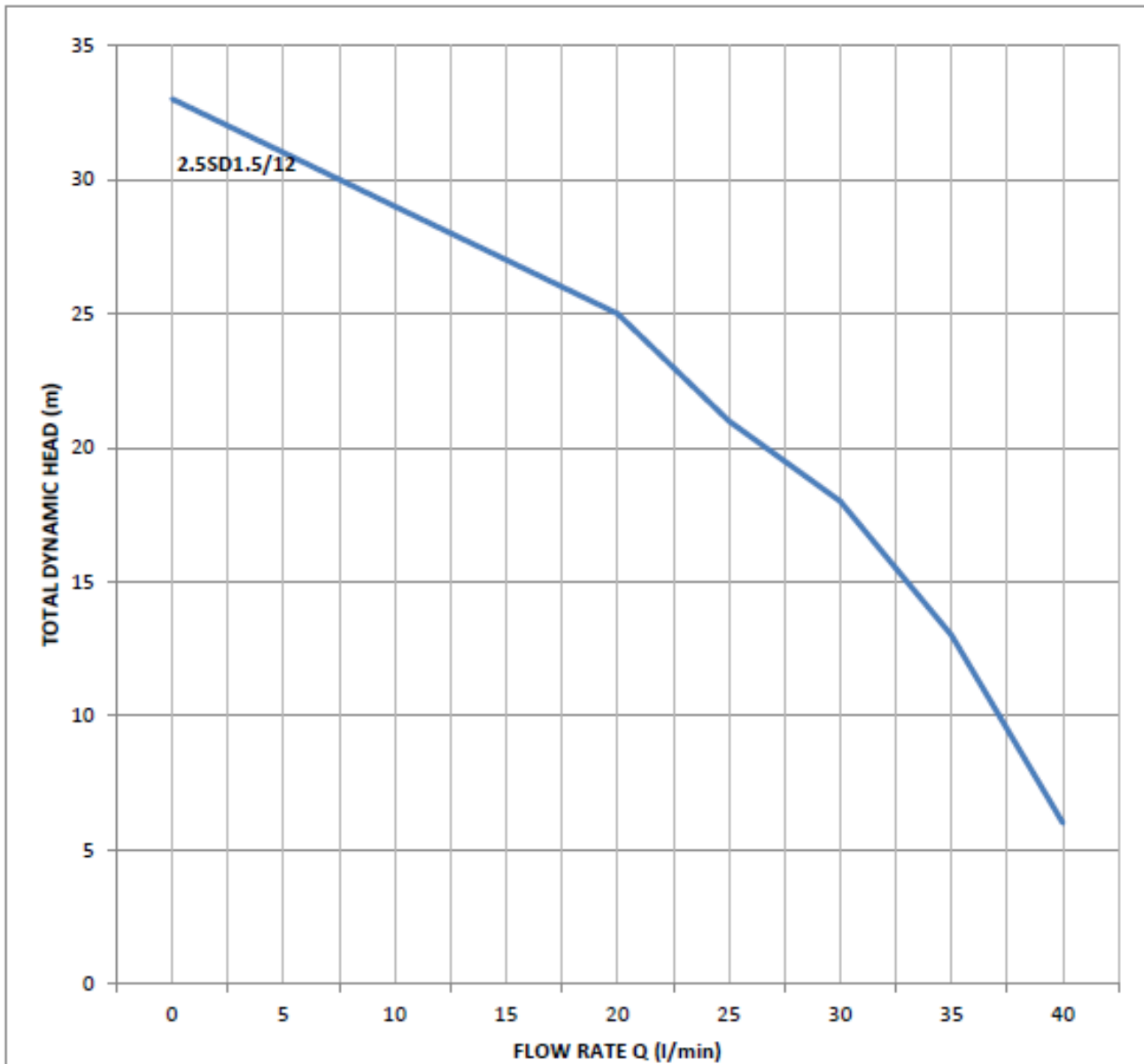
2.5 SD M1.5/12 (N)



# Technical Data

Model	Motor Power		Delivery N @ 2850 r/min										
	KW	HP	Q	M3/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4
1 Phase 220V - 240V				L/min	0	5	10	15	20	25	30	35	40
2.5SDM1.5/12	0.18	0.25	H(m)		33	31	29	27	25	21	18	13	6
2.5SDM1.5/17	0.25	0.37			49	45	40	37	33	29	22	15	7

## Performance Curve



# 3SD1.8 Pump and Motor

## Applications

For water supply from boreholes

For domestic, garden and irrigation applications

## Operating Conditions

Maximum fluid temperature up to +35°C

Maximum sand content: 0.25%

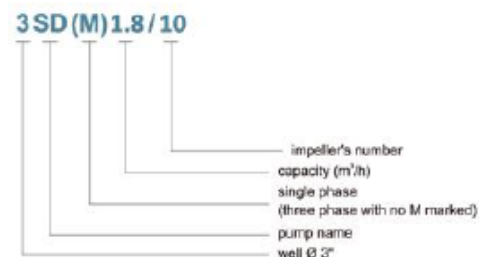
3SD Minimum well diameter: 3" (75mm)

Equip with standard or digital automatic control box (Not included) Pumps are designed by casing stressed Curve tolerance according to ISO 9906

Motor and Wet End  
Outlet Size : 1" (25mm)  
Single phase: 220V – 240V/50Hz

Warranty: 1 year  
According to our  
general sales  
conditions

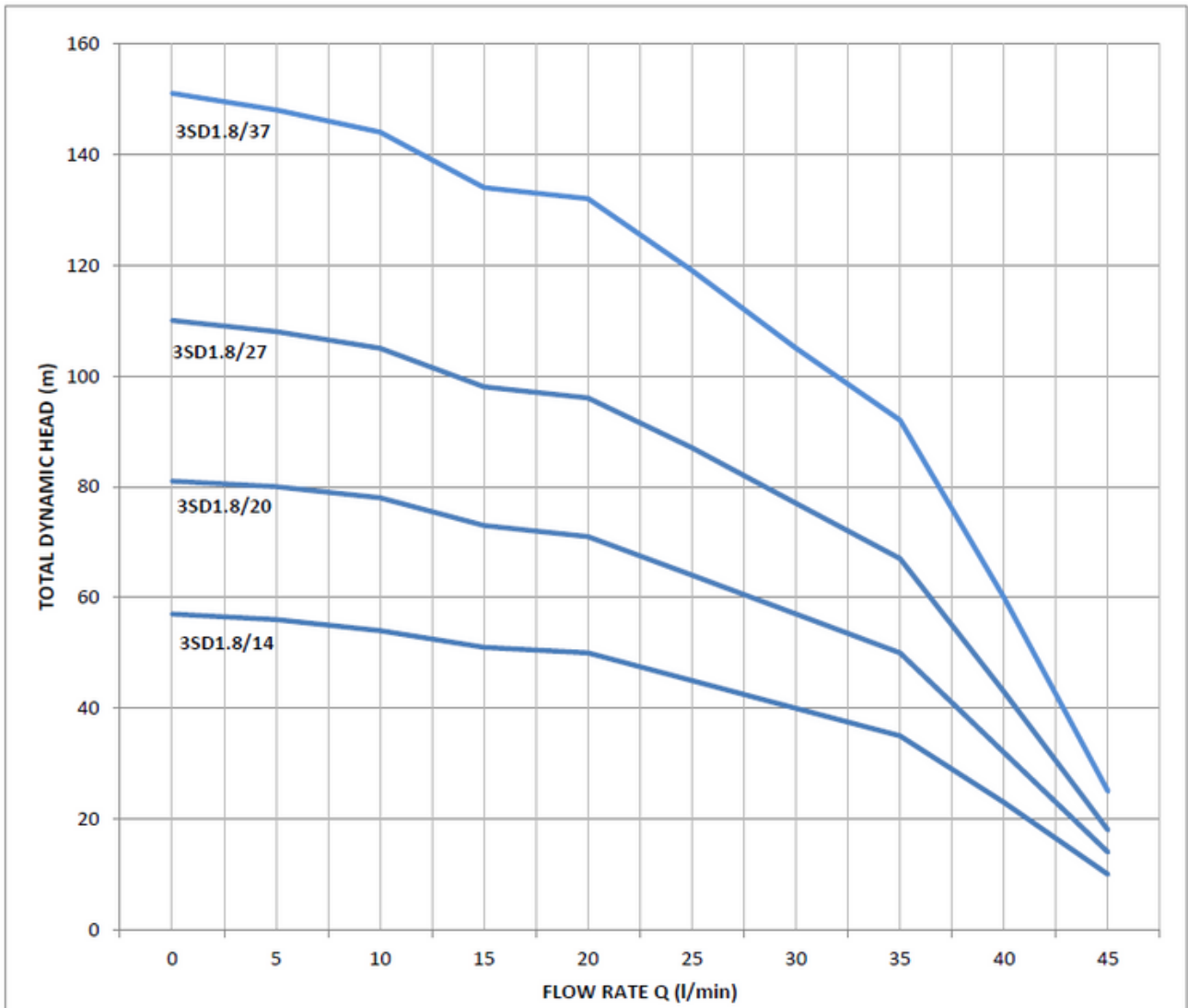
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-Cu ASTM C85500
Suction lantern	Cast-Cu ASTM C85500
Diffuser	Plastic PC
Impeller	Plastic POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	1. Cast-Cu ASTM C85500
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



# Technical Data

Model	Motor Power		Delivery N @ 2850 r/min											
	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
1 Phase 220V - 240V					0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
3SDM1.8/14	0.37	0.5	H(m)		57	56	54	51	50	45	40	35	23	10
3SDM1.8/20	0.55	0.75			81	80	78	73	71	64	57	50	32	14
3SDM1.8/27	0.75	1			110	108	105	98	96	87	77	67	43	18
3SDM1.8/37	1.1	1.5			151	148	144	134	132	119	105	92	60	25

## Performance Curve





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