



The
WATER & SOLAR COMPANY
WATER & ENERGY SYSTEMS



3SD BOREHOLE PUMP COMBOS



PRODUCT CATALOGUE

3SD COMBOS

Applications

For water supply from boreholes

Operating conditions

Maximum fluid temperature up to +35°C

Maximum sand content: 0.25%

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

Combo Includes

1 x 3SD Wet End

1 x Single phase: 220V – 240V/50Hz Motor 3"

1 x Standard 220V manual control box

40m to 80m of cable to depth of wet end

40m to 80m of ski rope to depth of wet end

Outlet Size : 1.25" (32mm)

Pumps are designed by casing stressed

NEMA Dimension standards

Curve tolerance according to ISO 9906

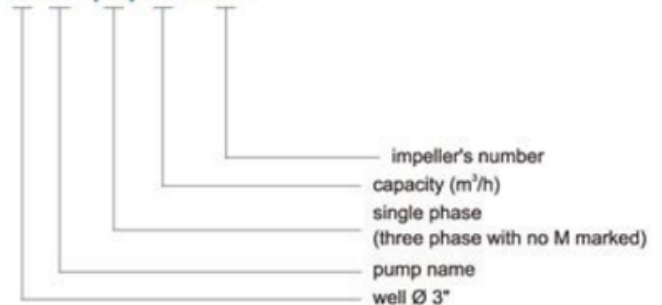
Warranty: 1 year

(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

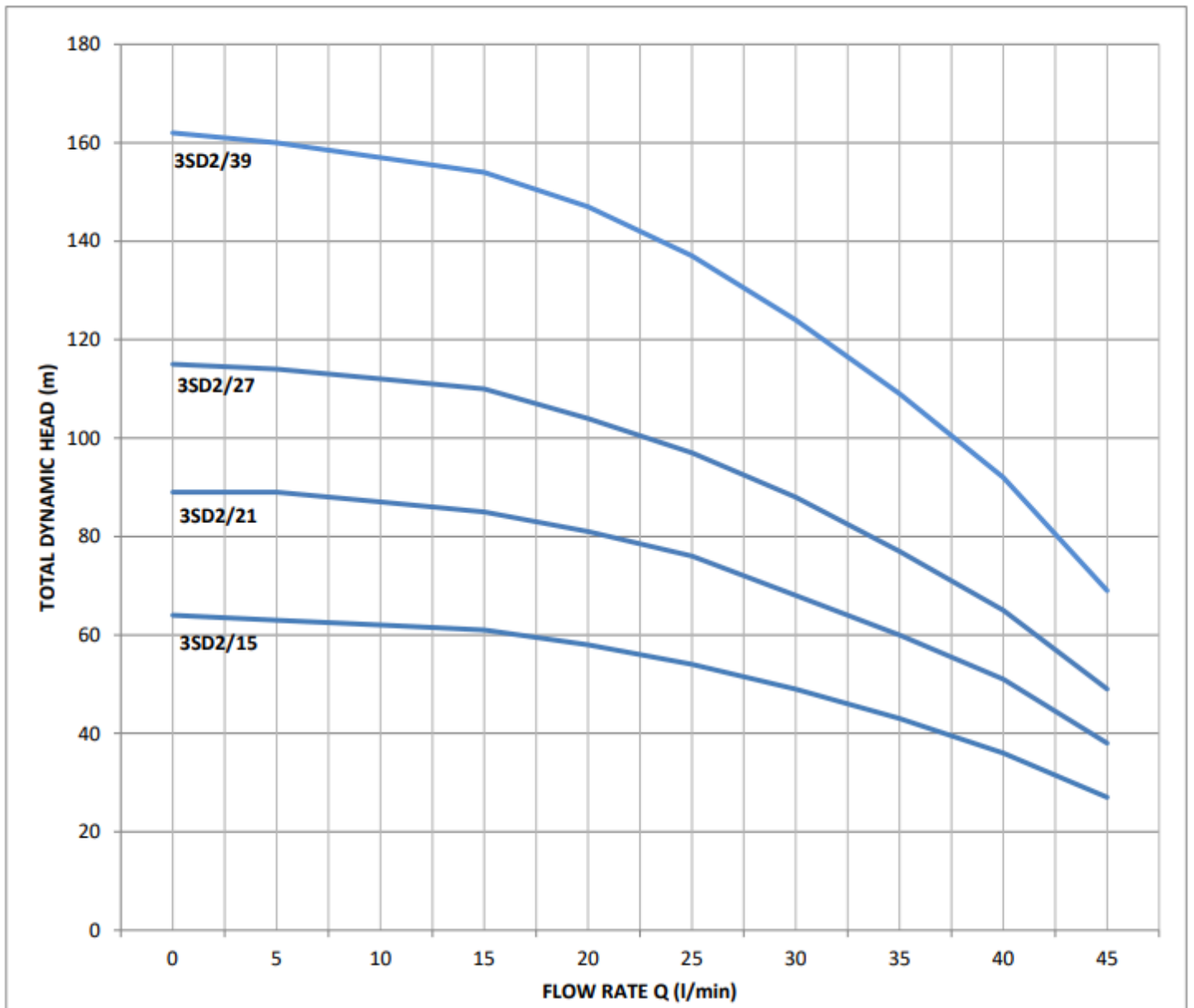


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TECHNICAL DATA

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	2.7	
1 Phase 220V - 240V				L/min	0	5	10	15	20	25	30	35	40	45	
3SDM2/15	0.37	0.5	H(m)		64	63	62	61	58	54	49	43	36	27	
3SDM2/21	0.55	0.75			89	89	87	85	81	76	68	60	51	38	
3SDM2/27	0.75	1			115	114	112	110	104	97	88	77	65	49	
3SDM2/39	1.1	1.5			162	160	157	154	147	137	124	109	92	69	





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