



## 4SD BOREHOLE PUMP COMBOS



# PRODUCT CATALOGUE

# Applications

**Water Supply from Boreholes:  
Ideal for Domestic, Garden, and Irrigation Use**

## Operating Conditions

Maximum fluid temperature up to +35°C

Maximum sand content: 0.25%

4SD Minimum well diameter: 4" (100mm)

Warranty

**12 Month**

**According to our general  
sales conditions**

**NEMA Dimension  
standards**

**Curve tolerance  
according to ISO  
9906**

## Combo Includes

**1 x 4SD Wet End**

**1 x Single phase: 220V – 240V/50Hz Motor 4"**

**1 x Standard 220V manual control box 40m to  
100m of cable to depth of wet end**

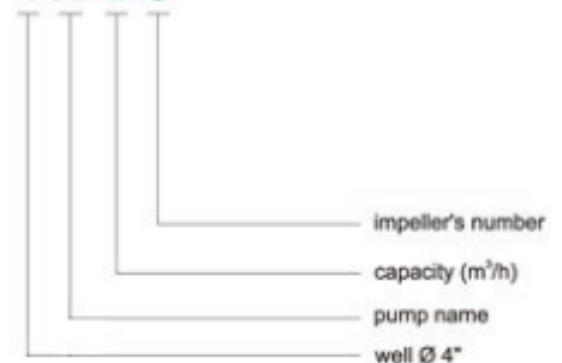
**40m to 100m of ski rope to depth of wet end**

**Outlet Size : 1&1/4" (32mm)**

**Pumps are designed by casing stressed**

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-Cu ASTM C85500 / AISI 304 SS
Suction lantern	Cast-Cu ASTM C85500 / AISI 304 SS
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	3. Cast-Cu ASTM C85500 4. 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

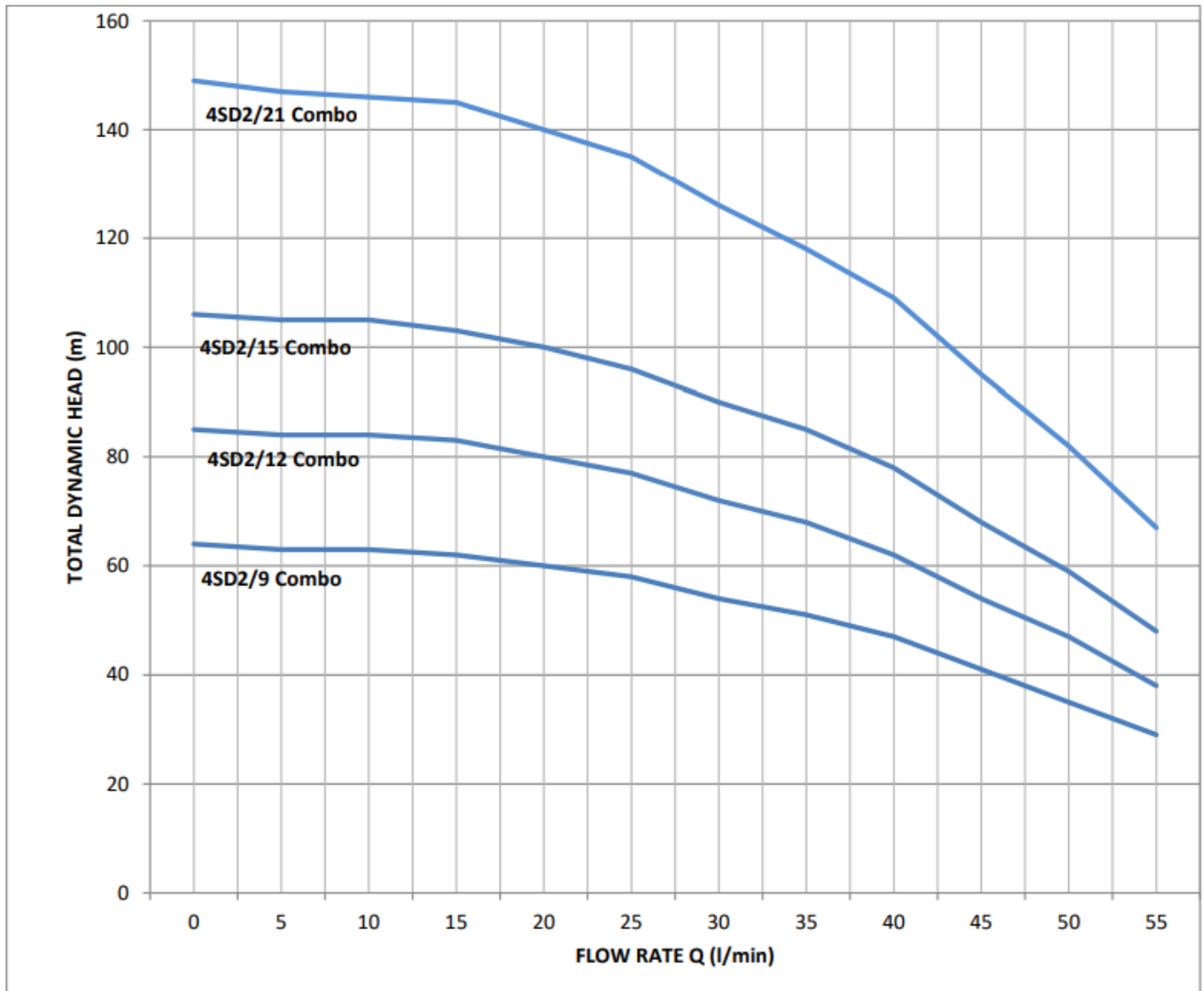
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# Technical Data

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	3	3.3
4SD2 Series				L/min	0	5	10	15	20	25	30	35	40	45	50	55
4SD2/9 Combo	0.37	0.5	H(m)		64	63	63	62	60	58	54	51	47	41	35	29
4SD2/12 Combo	0.55	0.75			85	84	84	83	80	77	72	68	62	54	47	38
4SD2/15 Combo	0.75	1			106	105	105	103	100	96	90	85	78	68	59	48
4SD2/21 Combo	1.1	2			149	147	146	145	140	135	126	118	109	95	82	67

# Performance Curves





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**+27 65 321 5803**



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