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**BOREHOLE PUMPS  
4ST4 SERIES  
SINGLE & THREE PHASE  
240V 50HZ, 380V 50 HZ**

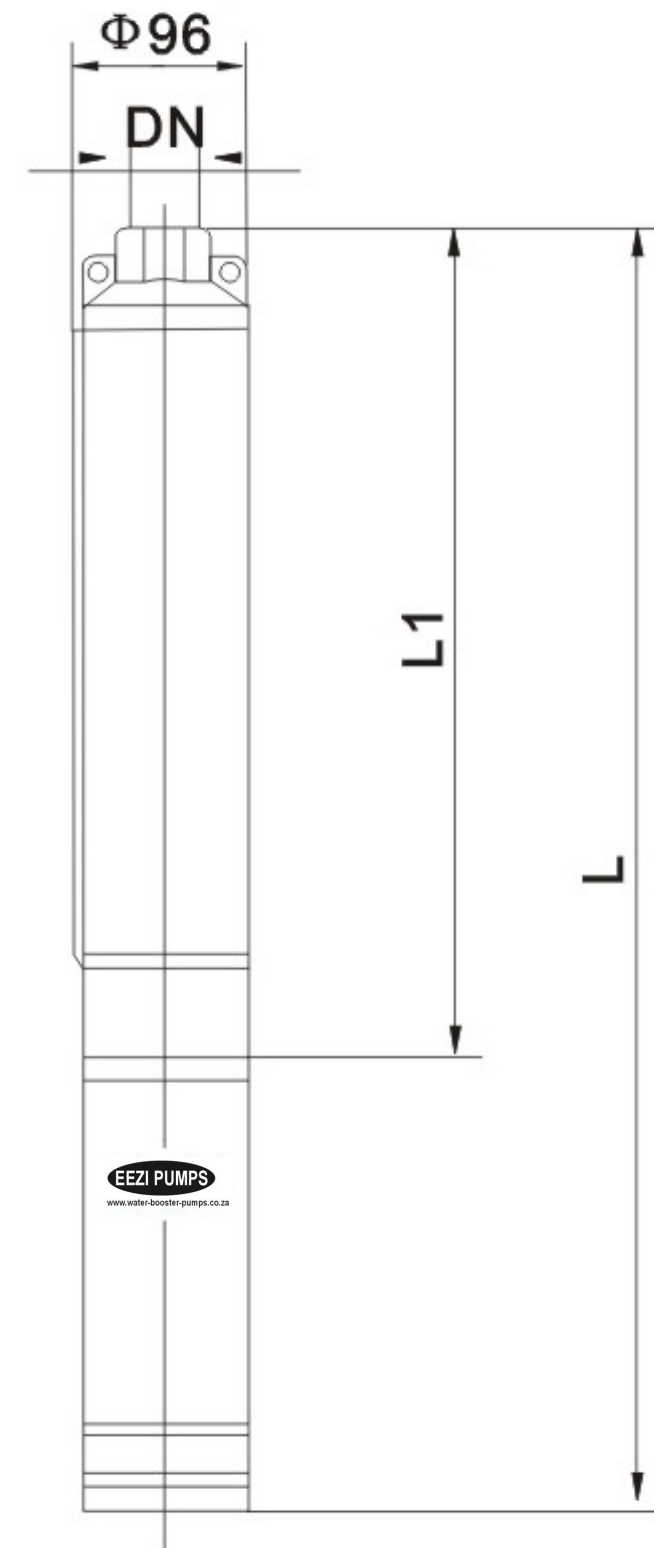


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SINGLE & THREE PHASE  
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MOTOR FILLED WITH OIL



MODEL	DN	DIMENSION(MM)		
		L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>
4ST4-6	1 1/4"	434	729	714
4ST4-8	1 1/4"	497	807	792
4ST4-10	1 1/4"	561	891	871
4ST4-14	1 1/4"	688	1058	1018

**1. IDENTIFICATION CODE:**

4STM4-6  
4: Well diameter: 4"  
ST: Submersible pump model  
M: Single phase motor(three-phase without M)  
4: Capacity(m<sup>3</sup>/h)  
6: Stage

**2. FIELDS OF APPLICATION**

For water supply from wells or reservoirs  
For domestic use, for civil and industrial applications  
For garden use and irrigation

**3. TECHNICAL DATA**

**Suitable fluids:**  
Clean, free from solid or abrasive substances,  
Chemically neutral and close to the characteristics of water

**Performance:**  
Speed range: 2900rpm  
Fluid temperature range: 0°C~40°C  
Max. working pressure: 3.5bar  
Ambient Temperature  
Permissible up to: 50°C  
**Voltage:**  
Single phase: 1~240V/50Hz,60Hz  
Three-phase: 380V~415V/50Hz,60Hz

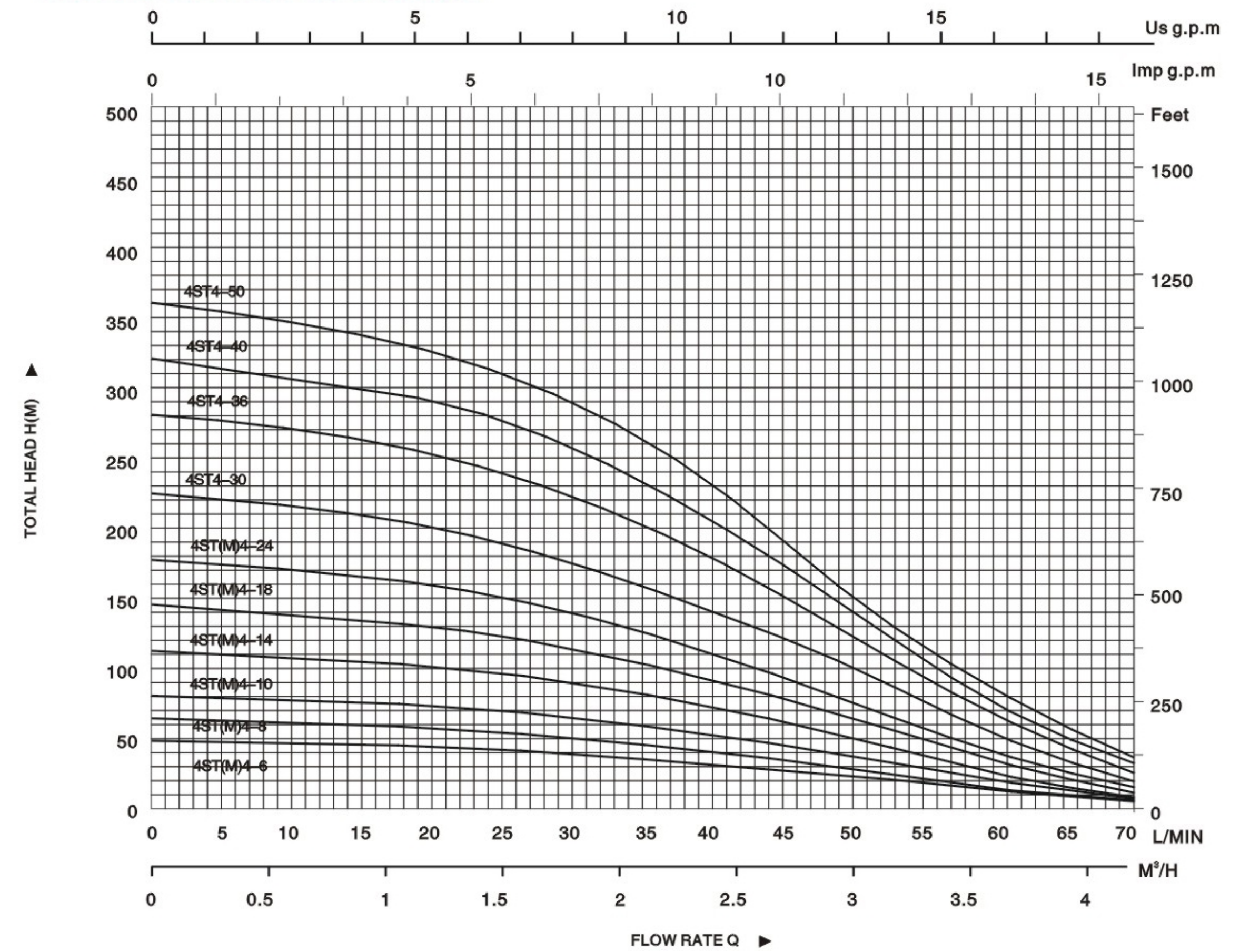
**Motor:**  
Degree of protection: IP68  
Insulation class: B

**Construction materials:**  
Casing both of pump and motor  
Pump shaft: stainless steel AISI304  
Outlet: brass  
Impeller and diffuser, non-return valve: thermoplastic resin PPO

**4. ACCESSORIES**

Control switch; Waterproof tape

**PERFORMANCE CHART AT n=2900rpm**



**MOTOR DATA**

TYPE	POWER	M <sup>3</sup> /H L/MIN	Q-CAPACITY						
			0	0.6	1.2	2.4	3.0	3.6	4
4STM4-6	0.37	0.5	48	46	44	31	23	13	5
4STM4-8	0.55	0.75	64	61	57	40	28	14	6
4STM4-10	0.75	1.0	80	77	73	52	37	20	7
4STM4-14	1.1	1.5	112	107	101	72	50	25	8