



**50 Hz**

**60 Hz**



**Stellar Pump**

**DTM Motor Series**

**4 inches diameter**



**Submersible Electric Motor for Deep Well Pump**

**Product Brochure**

\* Deep Well Water \*



# DTM Series

Submersible Electric Motor for  
Deep Well Pump

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## Product Features

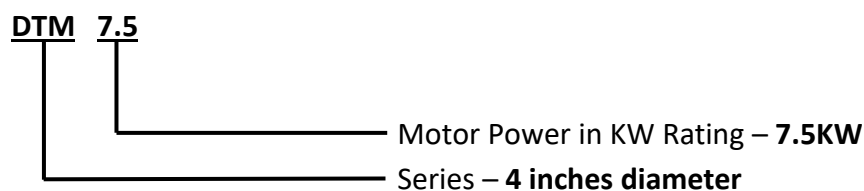
STELLAR DTM Series 4 inches diameter submersible electric motor is designed for submersible borehole deep well stainless-steel pumps. The said series is made in all stainless-steel 304 casing with built-in 3 meters submersible cables. Cost economical, space saving, high motor efficiency & Class F insulation.

## Advantages & Benefits

- NEMA dimension standard
- Suitable for 50hz & 60hz
- Oil-cooled, rewindable submersible motors
- Motor shell is made in **stainless steel 304** for maximum corrosion resistance.
- **Class F Insulation**, 100% copper wires
- Drive Shaft is made in **stainless steel 304**, spline type
- Standard **3 meters length** submersible cables, completely sealed

## Type Identification

Example: DTM7.5





## DTM Series

Submersible Electric Motor for  
Deep Well Pump

### General Specifications

<b>Design Parameters</b>	NEMA Standard Dimensions
<b>Motor Type</b>	Submersible type, oil-cooled, rewindable
<b>Standard Protection</b>	IP 68
<b>Class Insulation</b>	Class F
<b>Standard Single-Phase Motors</b>	0.37 kw to 3.7 kw
<b>Standard Three Phase Motors</b>	0.37 kw to 7.5 kw
<b>50Hz Standard Voltages</b>	1ph – 220V to 230V 3ph – 220V to 240V 3ph – 380V to 415V 3ph – 440V to 460V
<b>60Hz Standard Voltages</b>	1ph – 220V to 230V 3ph – 220V to 240V 3ph – 380V to 415V 3ph – 440V to 460V
<b>Service Factor</b>	50Hz - 1.0 60Hz - 1.15
<b>Submersible Cable Length</b>	3 meters length


### Operating Information


<b>Max Voltage Tolerance</b>	+ 10% / - 10%
<b>Max no. of Starts / Hour</b>	30 starts per hour
<b>Max water temperature</b>	40 Degrees Celsius
<b>Water Flow Rate</b>	0.60 ft/sec
<b>Axial Thrust</b>	0.37 kw to 2.2 kw – 1500N 3 kw to 4 kw – 2300N 5.5 kw to 7.5 kw – 4000N

### Motor Data Information labeled with Laser Technology in 50 Hz

NW8M0203

Stellar Pump Australia


Submersible motor						MOTOR 3~ 	
						CODE 4H1000T B10	
						TYPE DTM7.5	
Hz	HP	KW	V	A	COS $\phi$	RPM	IEC 60031-1
50	10	7.5	380	17.5	0.81	2830	CL F IP 68
50	10	7.5	400	16.8	0.80	2840	SF 1.0
50	10	7.5	415	16.4	0.79	2850	W.T 30.6KG


 Australia new technology

### Motor Data Information labeled with Laser Technology in 60 Hz

NW8M0203

Stellar Pump Australia

Submersible motor						MOTOR 3~ 	
						CODE 4H1000T A10	
						TYPE DTM7.5	
Hz	HP	KW	V	A	COS $\phi$	RPM	IEC 60031-1
60	10	7.5	220	31.4	0.80	3430	CL F IP 68
60	10	7.5	230	30.0	0.79	3440	SF 1.15
60	10	7.5	240	28.7	0.78	3450	W.T 32.4KG

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