



VERTICAL OPEN WELL SUBMERSIBLE PUMPS PRIME SERIES

OMI Horizontal Submersible pumps – Eon Series are highly energy-efficient products that are lightweight and easy to install with noiseless operations, they are specially designed to withstand high axial thrust load. Energy-efficient. These pumps are developed and manufactured by the continuous efforts and innovation of our R&D Team with prime experience in manufacturing pumps for the past 50 years.

SALIENT FEATURES

- Easy to Install • Noiseless Operations.
- Wet Type, Water Cooled, Rewindable Motors.
- Suitable for wide Voltage fluctuations • Can be easily dismantled and repaired.
- Long-life due to sturdy construction.
- Can be used as a submersible pump in the open well. • Low maintenance costs.
- High discharge • High head • Dynamically balanced rotating parts.

APPLICATIONS :



PRODUCT SPECIFICATIONS

| | |
|-----------------------|---|
| Power Range | 3 HP – 20 HP |
| Phase / Voltage Range | 380 – 415V, Three Phase, 50 Hz, A.C. Supply |
| Maximum total head | 175 meter |
| Maximum flow rate | 120000 lph |
| Nominal outlet size | 2",2.5",3",4" (50,65,80,100 mm) |
| Rotor | Copper Brazed Rotor |
| Bush | LTB 4 Bush / Carbon |
| Bearing | Carbon Pad with Segment Bearing |
| Impeller | CI |
| Casing | CI |

| Model Description | Motor | | Pump Size Delivery | TOTAL HEAD IN METERS | DISCHARGE IN LPM | | | | | | | | | | |
|-------------------|-------|-----|-----------------------|----------------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| | Hp | Kw | | | 100 | 150 | 200 | 300 | 400 | 600 | 700 | 800 | 900 | 1000 | 1200 |
| SMART SERIES | | | | | | | | | | | | | | | |
| PRIME 5/2-40 | 7.5 | 5.5 | 50 mm (2") | | | | 40 | 39 | 38 | 36 | 31 | 26 | 18 | 10 | |
| PRIME 5/3-60 | 7.5 | 5.5 | 50 mm (2") | | 52 | 51 | 50 | 47 | 41 | 32 | 22 | | | | |
| PRIME 7.5/2-50 | 7.5 | 5.5 | 65 mm (2.5") | | | | 46 | 45 | 44 | 43 | 41 | 37 | 32 | 22 | 15 |
| PRIME 7.5/3-64 | 7.5 | 5.5 | 80 mm (3") | | | | 55 | 54 | 51 | 45 | 40 | 32 | 21 | | |
| PRIME 7.5/4-80 | 7.5 | 5.5 | 100 mm (4") | | 72 | 69 | 66 | 59 | 52 | 45 | 36 | | | | |
| PRIME 10/2-50 | 7.5 | 5.5 | 50 mm (2") | | | | | | 47 | 44 | 42 | 39 | 35 | 28 | 21 |
| PRIME 10/3-64 | 7.5 | 5.5 | 50 mm (2") | | | | | 64 | 62 | 58 | 54 | 49 | 43 | 35 | 24 |
| PRIME 10/4-82 | 7.5 | 5.5 | 65 mm (2.5") | | | | 76 | 73 | 71 | 68 | 61 | 52 | 40 | 27 | |
| PRIME 10/6-110 | 7.5 | 5.5 | 80 mm (3") | | | | | 100 | 86 | 72 | 64 | | | | |
| PRIME 12.5/2-55 | 7.5 | 5.5 | 100 mm (4") | | | | | | | | 47 | 45 | 43 | 25 | 27 |
| PRIME 12.5/3-75 | 7.5 | 5.5 | 50 mm (2") | | | | 71 | 70 | 68 | 64 | 60 | 54 | 47 | 37 | |
| PRIME 12.5/4-100 | 10 | 7.5 | 50 mm (2") | | | | 86 | 84 | 81 | 76 | 70 | 60 | 48 | 36 | |
| PRIME 12.5/6-120 | 10 | 7.5 | 65 mm (2.5") | | | | | 114 | 101 | 84 | | | | | |

