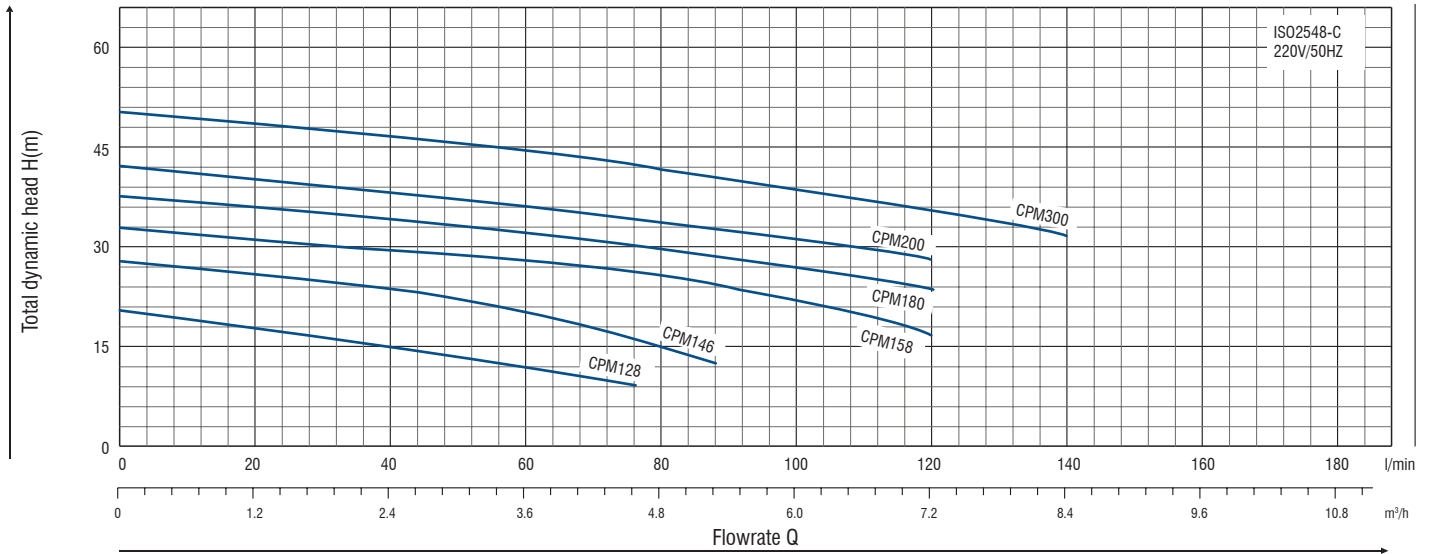


CPM Series

Centrifugal Pumps

Performance Chart



Performance Table

| Type | Power | | μF | Ampere I max. | Q (l/min) (m³/h) | 0 | 20 | 40 | 60 | 80 | 100 | 120 | 140 | DNA | DNM | N.W (kg) |
|--------|-------|------|----|---------------|---------------------|------|------|------|------|-----|------|-----|-----|-----|-----|----------|
| | HP | kW | | | | 0 | 1.2 | 2.4 | 3.6 | 4.8 | 6.0 | 7.2 | 8.4 | | | |
| CPM128 | 0.45 | 0.33 | 12 | 2.1 | Head (m) | 20 | 18 | 15 | 11.9 | 7 | - | - | - | 1" | 1" | 9 |
| CPM146 | 0.75 | 0.55 | 16 | 4.0 | | 28 | 25 | 24 | 21 | 13 | - | - | - | 1" | 1" | 12 |
| CPM158 | 1 | 0.75 | 20 | 5.0 | | 30 | 29 | 27.5 | 26 | 23 | 17 | - | - | 1" | 1" | 13.5 |
| CPM180 | 1.5 | 1.1 | 30 | 7.0 | | 37 | 35 | 33 | 31 | 29 | 26.5 | 24 | - | 1" | 1" | 21 |
| CPM200 | 2 | 1.5 | 30 | 8.2 | | 40.5 | 39 | 37 | 35.5 | 34 | 31 | 28 | - | 1" | 1" | 25.5 |
| CPM300 | 3 | 2.2 | 45 | 10.5 | | 46 | 44.5 | 43 | 41 | 38 | 35 | 33 | 31 | 1½" | 1" | 27 |

Operating Limits

- Suction lift up to 6-8m with foot valve.
- Maximum operating pressure: 8 bar.
- Maximum ambient temperature: +40°C.
- Liquid temperature up to +90°C.
- Maximum altitude +1000m.

Design Features

- Pump body: cast iron.
- Impeller: Brass or PPO or "General Electric".
- Internal thermal protector.
- Motor shaft: AISI1045.
- Mechanical seal: NBR/Graphite/Ceramic.

Production Standard

- IEC 60034-1
- IEC 335-1
- IEC 34-1
- ISO 2548

Motor

- Single phase power supply with capacitor permanently activated.
- Insulation class: B
- Protection: IP44
- Speed of rotation: 2850rpm
- Continuous duty: S1

