

HM-VSD Series

Water Supply & Pressure Pumps
Variable Speed Horizontal Multistage Pumps



Made in Italy by Pentax Pumps

Application

The HM Series are variable speed drive Stainless steel multistage horizontal pumps. Designed for pumping clean non-loaded fluids for pressurising systems; irrigation; drinking and glycol water; water treatment; heating and air conditioning; washing systems. The HM Series are at the pinnacle of quality and innovation, driven by the E1 EPIC Variable Speed Drive, efficient to run and all manufactured in Italy.

Construction and Features

- Pump Body: Stainless Steel AISI304
- Impeller: Stainless Steel AISI304
- Mechanical Seal: Ceramic / Graphite
- Max Liquid Temperature: +/- 110°C
- Max Operating Pressure: 8.5 bar
- Motor: 2 Pole Induction with Thermal Protection
- Insulation: Class F
- Protection: IP44

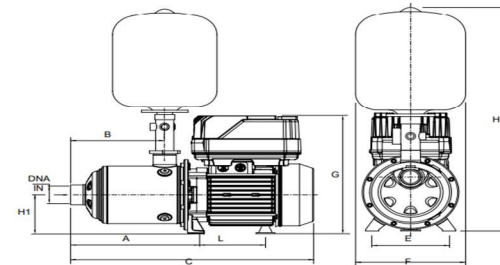
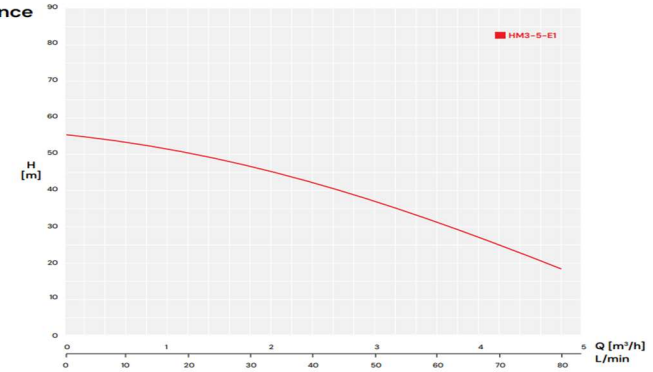
Technical Data

| Type | P2 | P1 (kW) | Amps | Q (m³/h - l/min) | | | | | | |
|----------|------|---------|------|------------------|------|------|------|------|------|------|
| | | | | 0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.6 | 4.8 |
| 1~ | (HP) | (kW) | 1~ | 0 | 10 | 20 | 30 | 40 | 60 | 80 |
| | | | | H (m) | | | | | | |
| HM3-5-E1 | 1 | 0.75 | 4.4 | 55.3 | 53.5 | 50.3 | 46.5 | 42.1 | 31.6 | 17.7 |

HM3-5-E1



Performance



Identification Codes

HM 3-5-E1

- HM: Hyjet Pump Type
- 3: No. of Impellers
- 5: Nominal Flow-rate m³/h
- E1: Variable Speed Drive

Dimensions

| Model | Dimensions (mm) | | | | | | | | | | Kg | DNA | DNM |
|----------|-----------------|-----|-----|-----|-----|-----|-----|-------|-----|-----|------|------|------|
| | A | B | C | D | E | F | G | L | H1 | H2 | | | |
| HM3-5-E1 | 214.8 | 151 | 404 | 164 | 140 | 178 | 205 | 104.7 | 128 | 192 | 10.5 | 25mm | 25mm |
| HM7-5-E1 | 214.8 | 151 | 436 | 164 | 140 | 201 | 211 | 128.2 | 98 | 198 | 16.0 | 32mm | 25mm |
| HM9-5-E1 | 245.8 | 178 | 464 | 164 | 140 | 201 | 211 | 128.2 | 98 | 198 | 16.0 | 1½" | 1"G |

Commercial Plumbing & Fire Supplies

Site Address

6A Kelly Court,
Springvale, VIC 3171

Postal Address

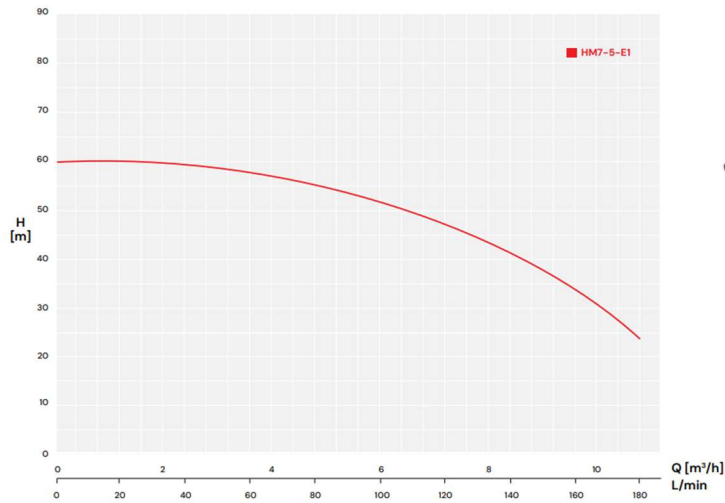
6A Kelly Court,
Springvale, VIC 3171

Contact Details

P: 03 9791 7500
E: sale@cpfs.net.au



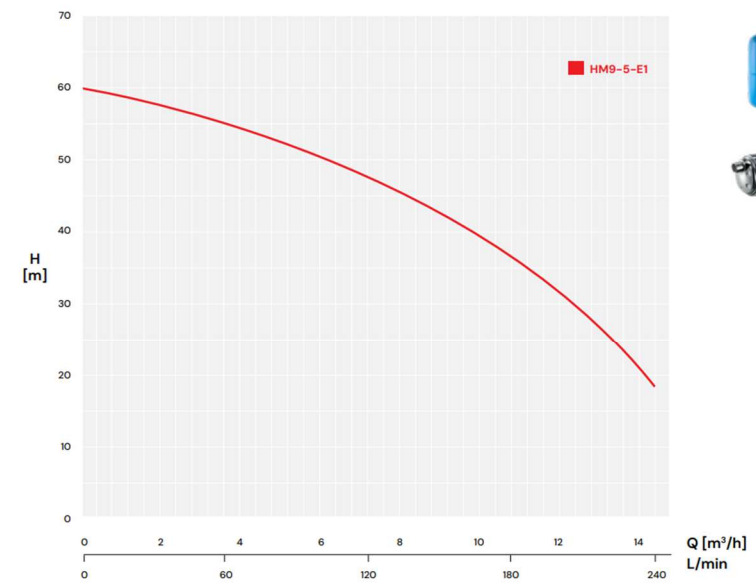
Performance



HM7-5-E1



Performance



HM9-5-E1



Technical Data

| Type | P2 | | Amps | Q (L/min) | | | | | | | | |
|----------|------|------|---------------|-----------|------|------|------|------|------|------|------|------|
| | | | | 0 | 2.4 | 3.6 | 4.8 | 6.0 | 7.2 | 8.4 | 9.6 | 10.2 |
| HM7-5-E1 | (HP) | (kW) | 230V 50 Hz | 0 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 170 |
| | | | | 10.9 | 62.6 | 60.6 | 58.2 | 55.1 | 51.1 | 45.8 | 39.0 | 29.8 |

Technical Data

| Type | P2 | | Amps | Q (L/min) | | | | | | | | | | |
|----------|------|------|---------------|-----------|------|------|------|------|------|------|------|------|------|------|
| | | | | 0 | 3.6 | 4.8 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 12.0 | 13.2 | 14.4 |
| HM9-5-E1 | (HP) | (kW) | 230V 50 Hz | 0 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 |
| | | | | 10.9 | 59.2 | 54.4 | 52.4 | 50.4 | 47.9 | 44.8 | 40.5 | 35.5 | 29.8 | 23.5 |

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