

# PRISMA 15 5M

*Horizontal centrifugal multistage pump for water supply.*

PUMP DESCRIPTION

Pumping of clean water for domestic, industrial, agricultural and gardening purposes. Suitable for applications like water transfer, sprinkler or drip irrigation, domestic booster or booster sets. Silent. Self-priming up to 2m.

## PRODUCT INFORMATION

| | |
|---|---|
| Maximum height (m) | 50 |
| Maximum flow (m3/h) | 3.9 |
| Voltage (V) | 230 |
| Frequency (Hz) | 50 |
| Input power P1 (kW) | 0.95 |
| Intensity (A) | 4.1 |
| Capacitor capacity | 12µF-450V |
| Pressure range (m) | 50-10 |
| Motor power P2 (kW) | 0.75 |
| Maximum working pressure (bar) | 6 |
| Number of motor phases | single-phase |
| Number of poles | 2 |
| Number of impellers | 5 |
| On/off switch | No |
| Plug type | without plug |
| Minimum flow (m3/h) | 0.4 |

## FEATURES

### ELECTRICAL FEATURES

| | | | |
|---|---|---|---|
| Electrical isolation | F Class | Protection rating | IPX5 |
| Motor type | Asynchronous | Service factor | S1 |

### LIMITATIONS

| | | | |
|---|---|---|---|
| Maximum suction (m) | 2 | Water temperature (°C) | Max: 40 |

### MATERIALS

| | | | |
|---|---|---|---|
| Mechanical seal | Aluminium-Graphite | Suction body | Cast iron |
| Pump body | Stainless steel AISI 304 | Discharge body | Cast iron |
| Diffuser/s | Technopolymer | Pump shaft | Stainless steel AISI 431 |
| Motor casing | Aluminium | Impeller/s | Stainless steel AISI 304 |
| O-rings | NBR/EPDM | | |

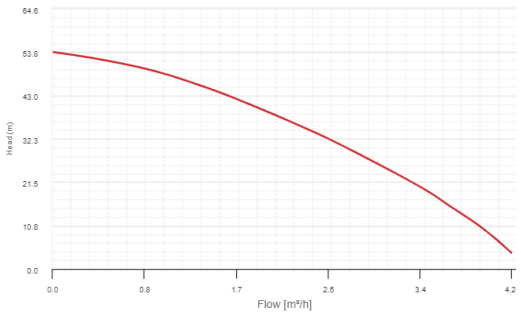
### MANUFACTURING FEATURES

| | | | |
|---|---|---|---|
| Suction diameter | 1" | Discharge diameter | 1" |
| Motor cooling | Fan | Seal type | Mechanical seal |
| Suction connection type | Thread | Discharge connection type | Thread |

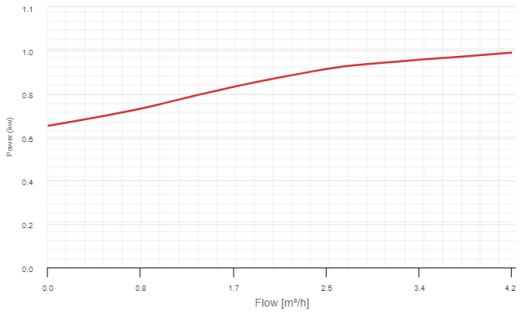
## SPECIFICATIONS

**PERFORMANCE**
Frequency and Units

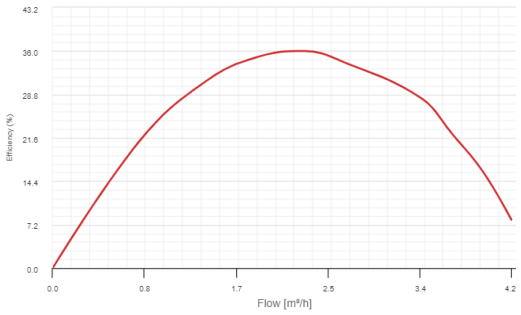
HEAD




POWER




EFFICIENCY




HYDRAULIC DATA — PRISMA 15 5M single-phase Model

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Flow (Q) m3/h | 0.0 | 0.8 | 1.4 | 1.9 | 2.3 | 2.7 | 3.4 | 3.7 | 3.9 | 4.2 |
| Flow (Q) l/min | 0.0 | 13.1 | 23.3 | 31.2 | 38.4 | 44.7 | 56.4 | 61.0 | 65.5 | 69.8 |
| Head (H) m | 53.8 | 50.0 | 45.0 | 40.0 | 35.0 | 30.1 | 20.0 | 15.0 | 10.0 | 4.0 |