

# MULTI 35 10 N

*Vertical 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.

## PRODUCT INFORMATION

| | |
|---|---|
| Maximum height (m) | 134 |
| Maximum flow (m3/h) | 9.9 |
| Voltage (V) | 230/400 |
| Frequency (Hz) | 50 |
| Input power P1 (kW) | 4.9 |
| Intensity (A) | 15,4/8,9 |
| Pressure range (m) | 134-57 |
| Motor power P2 (kW) | 4.9 |
| Maximum working pressure (bar) | 12 |
| Number of motor phases | three-phase |
| Number of poles | 2 |
| Number of impellers | 10 |
| On/off switch | No |
| Plug type | without plug |
| Minimum flow (m3/h) | 1 |

## FEATURES

### ELECTRICAL FEATURES

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

### 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 420 |
| Motor casing | Aluminium | Impeller/s | Stainless steel AISI 304 |
| O-rings | NBR/EPDM | | |

### EQUIPMENT

| | | | |
|---|---|---|---|
| Counter flanges | Included | | |

### MANUFACTURING FEATURES

| | | | |
|---|---|---|---|
| Suction diameter | 1 1/2" | Discharge diameter | 1 1/4" |
| Motor cooling | Fan | Seal type | Mechanical seal |
| Suction connection type | Thread | Discharge connection type | Thread |

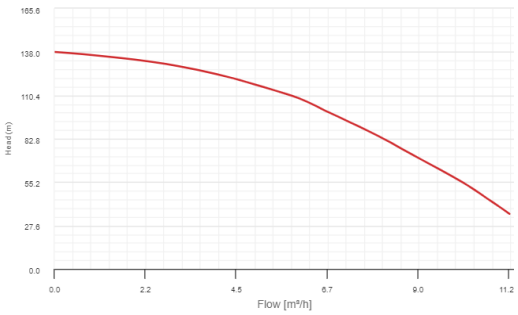
### LIMITATIONS

| | | | |
|---|---|---|---|
| Water temperature (°C) | Max: 40 | | |

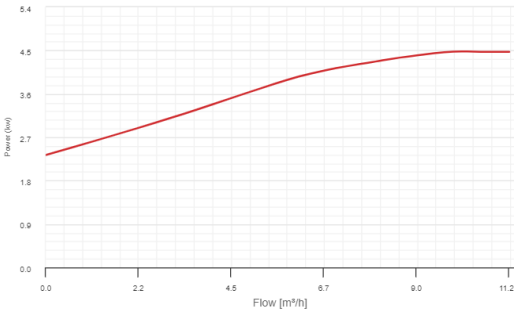
## SPECIFICATIONS

**PERFORMANCE**
Frequency and Units

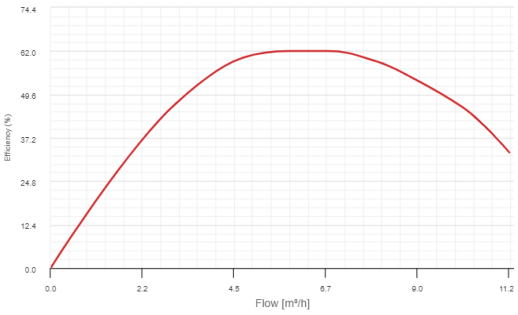
HEAD




POWER




EFFICIENCY




HYDRAULIC DATA — MULTI 35 10 N three-phase Model

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Flow (Q) m3/h | 0.0 | 3.1 | 5.8 | 6.8 | 8.0 | 8.7 | 10.1 | 10.6 | 11.2 |
| Flow (Q) l/min | 0.0 | 51.0 | 97.4 | 112.9 | 132.7 | 145.5 | 167.7 | 177.4 | 186.7 |
| Head (H) m | 138.0 | 128.9 | 110.2 | 99.4 | 84.6 | 73.9 | 55.0 | 45.0 | 35.0 |