

## Centrifugal multistage pump for water supply

### Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.  
Silent.  
Self-priming up to 2m.

### Materials

Pump body and impellers in AISI 304.  
Pump shaft in AISI 431.  
Diffusers in technopolymer.  
Suction and discharge in cast iron with cathaphoresis coating.  
Mechanical seal.  
Motor casing in aluminium.  
O-rings in NBR/EPDM.

### Equipment

No cable.

### Motor

Asynchronous 2 poles.  
IPX5 protection.  
Class F insulation.  
Single phase motor with built-in thermal protection.  
Continuous operation.

### Limitations

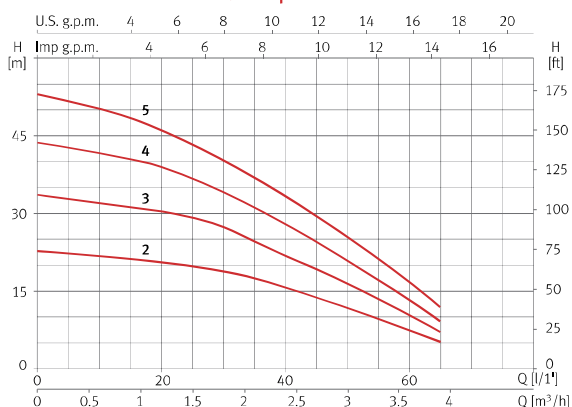
Maximum water temperature 40 °C.



### Features table

| Model       | I [A]  |        |        | P1 [kW] |      | P2   |      | c [μF] | l/min<br>m³/h | 10  | 20  | 30  | 35  | 40  | 50  | 60  | 65  | Code   |             |
|-------------|--------|--------|--------|---------|------|------|------|--------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------------|
|             | 1~230V | 3~230V | 3~400V | 1~      | 3~   | [kW] | [HP] |        |               | 0,6 | 1,2 | 1,8 | 2,1 | 2,4 | 3,0 | 3,6 | 3,9 | 1~230V | 3~230V/400V |
| Prisma 15 2 | 2      | -      | -      | 0,45    | -    | 0,24 | 0,33 | 12     | mwc           | 21  | 20  | 17  | 16  | 14  | 11  | 7   | 5   | 97134  | -           |
| Prisma 15 3 | 2,7    | 2,1    | 1,2    | 0,61    | 0,61 | 0,37 | 0,5  | 12     |               | 32  | 30  | 26  | 24  | 22  | 17  | 11  | 7   | 97141  | 97138       |
| Prisma 15 4 | 3,5    | 2,3    | 1,3    | 0,79    | 0,79 | 0,55 | 0,75 | 12     |               | 43  | 39  | 35  | 32  | 27  | 22  | 14  | 9   | 97150  | 97148       |
| Prisma 15 5 | 4,1    | 3,3    | 1,9    | 0,95    | 0,95 | 0,75 | 1    | 12     |               | 51  | 47  | 42  | 38  | 34  | 25  | 17  | 12  | 97159  | 97157       |

### Performance curve at 2900 rpm



### Dimension and weight

| Model       | A   | B   | C   | D   | E  | F   | G   | H   | I  | J  | Kg  |
|-------------|-----|-----|-----|-----|----|-----|-----|-----|----|----|-----|
| Prisma 15 2 | 163 | 213 | 202 | 110 | 74 | 162 | 121 | 102 | 1" | 1" | 8,3 |
| Prisma 15 3 | 187 | 237 | 202 | 110 | 74 | 162 | 121 | 102 | 1" | 1" | 9,2 |
| Prisma 15 4 | 211 | 261 | 202 | 110 | 74 | 162 | 121 | 102 | 1" | 1" | 10  |
| Prisma 15 5 | 235 | 285 | 202 | 110 | 74 | 162 | 121 | 102 | 1" | 1" | 11  |

