

Centrifugal single stage pump for salt water recirculation

Applications

Clean water recirculation.
Suitable for salt water.

Materials

Pump body, impeller, diffuser, suction and discharge in technopolymer.
Pump shaft in AISI 431.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.
Piscis 1 and 2: hose connection of 32mm or 38mm.
Piscis 3: unions included 50mm.
Piscis 4: unions included 63mm.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Limitations

Maximum water temperature: 40° C.



Piscis 3



Piscis 1



Piscis 2



Piscis 4

Hydraulic performance table

| Model | I [A] | P1 [kW] | P2 | | c [μF] | l/min | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | Code |
|----------|--------|---------|------|------|--------|-------|------|-----|-----|-----|-----|-----|-----|-----|-------|
| | 1~230V | 1~ | [kW] | [HP] | | | m³/h | 0,9 | 1,8 | 2,7 | 3,6 | 4,5 | 5,4 | 6,3 | |
| Piscis 1 | 1 | 0,2 | 0,1 | 0,12 | 6 | mwc | 6,5 | 6 | 5,5 | 5 | 4 | 3,5 | 2,5 | 1,5 | 97118 |
| Piscis 2 | 1 | 0,28 | 0,15 | 0,2 | 6 | | 9 | 8,5 | 8 | 7,5 | 6,5 | 5 | 3,5 | 1,5 | 97119 |

| Model | I [A] | P1 [kW] | P2 | | c [μF] | l/min | 20 | 60 | 100 | 140 | 180 | 210 | 250 | 300 | Code |
|-------------|--------|---------|------|------|--------|-------|------|------|-----|-----|-----|------|------|-----|-------|
| | 1~230V | 1~ | [kW] | [HP] | | | m³/h | 1,2 | 3,6 | 6,0 | 8,4 | 10,8 | 12,6 | 15 | |
| Piscis 3 50 | 2,4 | 0,5 | 0,37 | 0,5 | 10 | mwc | 10,5 | 9,7 | 8,5 | 7,1 | 5,4 | 4 | 2 | - | 97120 |
| Piscis 3 70 | 3,1 | 0,7 | 0,55 | 0,75 | 10 | | 11,5 | 10,8 | 10 | 9,1 | 7,9 | 6,8 | 5 | 2,7 | 97121 |

| Model | I [A] | P1 [kW] | P2 | | c [μF] | l/min | 50 | 100 | 200 | 250 | 300 | 350 | 400 | 450 | Code |
|----------|--------|---------|------|------|--------|-------|------|-----|-----|-----|-----|-----|-----|-----|-------|
| | 1~230V | 1~ | [kW] | [HP] | | | m³/h | 3 | 6 | 12 | 15 | 18 | 21 | 24 | |
| Piscis 4 | 6 | 1,4 | 1,1 | 1,5 | 25 | mwc | 14,5 | 14 | 13 | 12 | 11 | 10 | 8,5 | 7 | 97122 |

Dimension and weight

| Model | A | B | C | Kg |
|----------|-----|-----|-----|----|
| Piscis 1 | 219 | 305 | 124 | 4 |
| Piscis 2 | 257 | 396 | 204 | 6 |
| Piscis 3 | 219 | 337 | 155 | 7 |
| Piscis 4 | 270 | 429 | 191 | 13 |

