

Quiet-running single-stage centrifugal pumps for water recirculation

Applications

Water recirculation in spas and private pools.
With central suction and adjustable discharge outlet.

Materials

Suction cover, impeller, pump foot and discharge body in technopolymer.
Mechanical seal in graphite and steatite.

Shaft in stainless steel AISI 431.

Motor housing in aluminium.
O-rings in NBR.

Motor

Asynchronous, two poles.
IP 55 protection.
Class F insulation.
Continuous operation.
Built-in thermal protection.
Single-phase two-speed options:
2P = 2900 rpm. / 4P = 1450 rpm.
10.000 hours P2 capacitor with aluminium casing.

Equipment

Wiper 0: 2^{1/4} inlet and outlet ports.
Complete with suction and discharge unions (metric 50 mm).

Wiper 3: 2^{3/4} inlet and outlet ports.
Complete with suction and discharge unions (metric 63 mm).



Wiper 0



Wiper 3

Hydraulic performance table

| Model | I [A] | | P1 [kW] | | P2 | | c | l/min | 25 | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 1~230 V (model M) | |
|-----------|---------|---------|---------|------|------|------|------|-------|------|-----|-----|-----|-----|-----|-----|-----|-------------------|--------|
| | 1~230 V | 1~230 V | [kW] | [HP] | [μF] | m³/h | | | | | | | | | | | | 1,5 |
| Wiper0 50 | 2,3 | 0,5 | 0,24 | 0,33 | 12 | mwc | 10 | 9,4 | 7,9 | 6,0 | 3,6 | 1 | | | | | 203170 | |
| Wiper0 70 | 2,9 | 0,64 | 0,37 | 0,5 | 12 | | 11 | 10,6 | 9,7 | 8,5 | 6,6 | 4,5 | 2,2 | | | | | 203171 |
| Wiper0 90 | 3,74 | 0,85 | 0,74 | 1,0 | 12 | | 11,7 | 11,3 | 10,5 | 9,6 | 8,4 | 6,7 | 4,6 | 2,2 | | | | 203172 |

1 x 230 V monophasic

| Model | I [A] | | P1 [kW] | | P2 | | c | l/min | 50 | 100 | 200 | 300 | 400 | 500 | 600 | 900 | 1~230 V (model M) | |
|------------|---------|---------|---------|------|------|------|------|-------|------|------|------|------|------|-----|-----|-----|-------------------|--------|
| | 1~230 V | 1~230 V | [kW] | [HP] | [μF] | m³/h | | | | | | | | | | | | 3,0 |
| Wiper3 150 | 6,4 | 1,4 | 1,1 | 1,5 | 25 | mwc | 13,3 | 13 | 12,1 | 10,8 | 8,2 | 5 | | | | | 203173 | |
| Wiper3 200 | 8,8 | 2 | 1,5 | 2 | 40 | | 14,8 | 14,5 | 13,9 | 12,9 | 11,1 | 9,1 | 6,8 | | | | | 203174 |
| Wiper3 300 | 11 | 2,5 | 2 | 3 | 60 | | 14,8 | 14,5 | 14,1 | 13,5 | 12,8 | 11,9 | 10,7 | 4,7 | | | | 203175 |

| Model | | I [A] | | P1 [kW] | | P2 | | c | l/min | 50 | 100 | 200 | 300 | 400 | 500 | 600 | 900 | 1~230 V (model M) | | | | | | | | | | | | | | | | | | | |
|------------------|----|---------|---------|---------|------|------|------|------|-------|------|------|------|-----|-----|-----|-----|-----|-------------------|------|------|------|------|------|------|-----|-----|------|--|--|--------|-----|-----|-----|-----|-----|--|--|
| | | 1~230 V | 1~230 V | [kW] | [HP] | [μF] | m³/h | | | | | | | | | | | | 3,0 | 6,0 | 12 | 18 | 24 | 30 | 36 | 54 | Code | | | | | | | | | | |
| Wiper3 150M 2P4P | 2P | 6,4 | 1,4 | 1,1 | 1,5 | 25 | mwc | 14,0 | 13,3 | 13,0 | 12,1 | 10,8 | 8,2 | 5,0 | | | | 97854 | | | | | | | | | | | | | | | | | | | |
| | 4P | 1,4 | 0,35 | 0,18 | 0,25 | 16 | | | | | | | | | | | | | 3,0 | 2,9 | 2,8 | 2,0 | | | | | | | | | | | | | | | |
| Wiper3 200M 2P4P | 2P | 8,8 | 2,0 | 1,5 | 2 | 40 | | | | | | | | | | | | | 15,0 | 14,8 | 14,5 | 13,9 | 12,9 | 11,1 | 9,1 | 6,8 | | | | 129317 | | | | | | | |
| | 4P | 1,7 | 0,4 | 0,18 | 0,25 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | 3,0 | 2,9 | 2,8 | 2,6 | 1,5 | | |

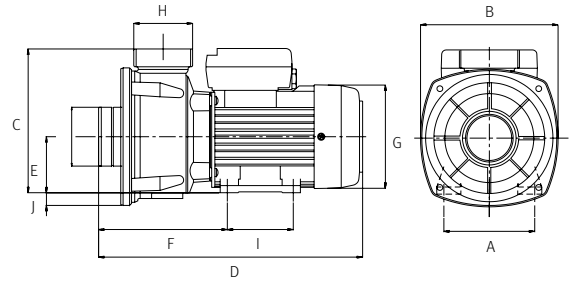
3 x 230/400 V triphasic

| Model | I [A] | | P1 [kW] | P2 | | l/min | 50 | 100 | 200 | 300 | 400 | 500 | 600 | 900 | 3~400 V (model T) | | |
|------------|---------|---------|---------|-----|------|-------|------|------|------|------|------|------|------|-----|-------------------|--------|--------|
| | 3~230 V | 3~400 V | | 3~ | [kW] | | | | | | | | | | | [HP] | m³/h |
| Wiper3 150 | 5 | 2,9 | 1,1 | 1,1 | 1,5 | mwc | 13,3 | 13 | 12,1 | 10,8 | 8,2 | 5 | | | | 203176 | |
| Wiper3 200 | 6,6 | 3,8 | 1,8 | 1,5 | 2 | | 14,8 | 14,5 | 13,9 | 12,9 | 11,1 | 9,1 | 6,8 | | | | 203177 |
| Wiper3 300 | 7,1 | 4,1 | 2,4 | 2 | 3 | | 14,8 | 14,5 | 14,1 | 13,5 | 12,8 | 11,9 | 10,7 | 4,7 | | | 203178 |

Dimensions and weights

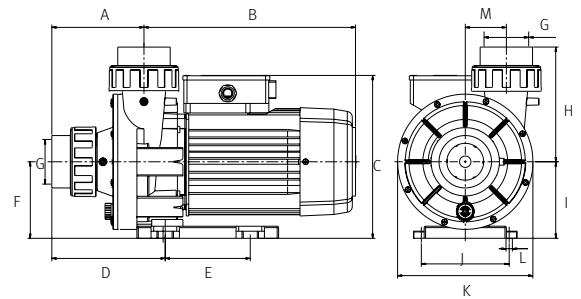
Wiper0

| Model | A | B | C | D | E | F | G | H | I | J | Kg |
|-----------|-----|-------|-----|-------|----|-------|-----|--------|----|----|-----|
| Wiper0 50 | 102 | 154,5 | 162 | 295,5 | 63 | 144,5 | 116 | 2 1/4" | 74 | 15 | 5,7 |
| Wiper0 70 | 102 | 154,5 | 162 | 295,5 | 63 | 144,5 | 116 | 2 1/4" | 74 | 15 | 6 |
| Wiper0 90 | 102 | 154,5 | 162 | 295,5 | 63 | 144,5 | 116 | 2 1/4" | 74 | 15 | 6,8 |



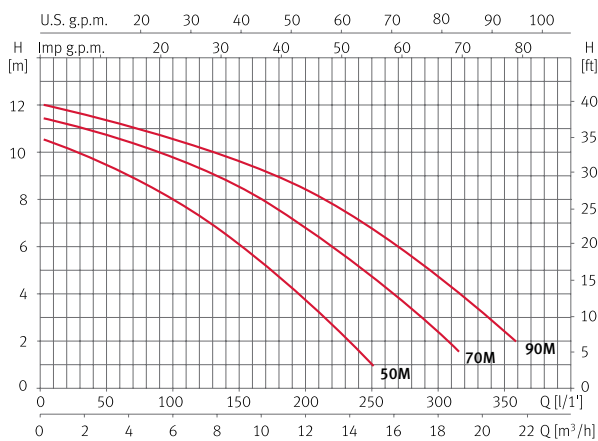
Wiper3

| Model | A | B | C | D | E | F | G | H | I | J | K | L | M | Kg |
|------------|-----|-------|-----|-----|-----|-----|----|-----|-----|-----|-----|---|----|------|
| Wiper3 150 | 130 | 298,7 | 230 | 160 | 120 | 108 | 63 | 162 | 108 | 124 | 191 | 9 | 29 | 14,3 |
| Wiper3 200 | 130 | 298,7 | 230 | 160 | 120 | 108 | 63 | 162 | 108 | 124 | 191 | 9 | 29 | 17 |
| Wiper3 300 | 130 | 298,7 | 230 | 160 | 120 | 108 | 63 | 162 | 108 | 124 | 191 | 9 | 29 | 18,8 |



Performance curves at 2900 rpm

Wiper0



Wiper3

