

Acuaría 07S Submersible



Submersible monoblock centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Suitable for open wells, ponds and tanks.

Materials

Pump body, suction, discharge, filter and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Double mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

Check valve not included.
Model MA: float switch.
Model M: without float switch.
15m of cable without plug.
External capacitor.
Acuaría 07S 2 and 3 220V with internal capacitor.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.
Water cooled motor.

Limitations

Maximum water temperature: 40°C.
Maximum submersion: 12m.



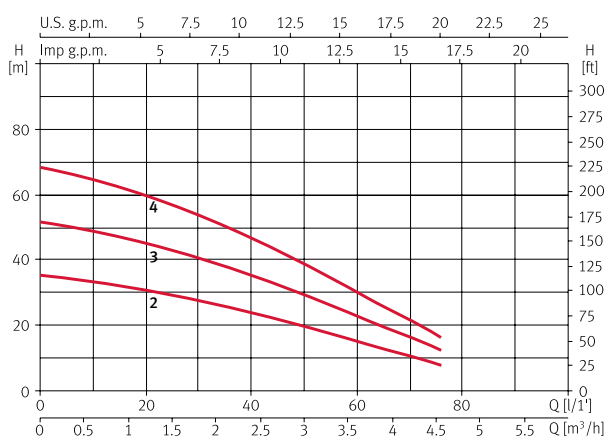
Model MA

Model M

Hydraulic performance table

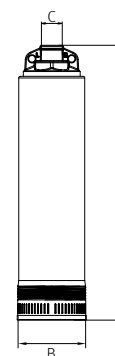
| Model | I [A] | | P1 [kW] | P2 | | c [μF] | l/min | 10 | 20 | 40 | 60 | 70 | Code | | | |
|---------------|--------|--------|---------|------|------|--------|-------|----|----|----|----|----|-----------|--------|--------|--------|
| | 1~115V | 1~220V | 1~ | [kW] | [HP] | | | | | | | | 115V/220V | m³/h | 0,6 | 1,2 |
| Acuaría 07S 2 | 6,8 | 3,7 | 0,75 | 0,37 | 0,5 | 30/12 | mwc | 33 | 30 | 24 | 15 | 10 | 210126 | 210167 | 209427 | 210168 |
| Acuaría 07S 3 | 12 | 5,4 | 1,1 | 0,75 | 1 | 30/12 | | 49 | 45 | 36 | 23 | 16 | 210123 | 210159 | 209426 | 210127 |
| Acuaría 07S 4 | 13,5 | 6,6 | 1,4 | 0,9 | 1,2 | 40/16 | | 65 | 60 | 48 | 30 | 21 | 210124 | 210125 | 209424 | 209418 |

Performance curve at 3450 rpm



Dimension and weight

| Model | A | B | C | Kg |
|---------------|-----|-----|----|------|
| Acuaría 07S 2 | 455 | 125 | 1" | 10 |
| Acuaría 07S 3 | 479 | 125 | 1" | 11,5 |
| Acuaría 07S 4 | 522 | 125 | 1" | 12,4 |



Acuaría 17 Submersible



Submersible monoblock centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Suitable for open wells, ponds and tanks.

Materials

Pump body, suction, discharge, filter and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Double mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

Check valve not included.
Model MA: float switch.
Model M: without float switch.
15m of cable without plug.
External capacitor.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.
Water cooled motor.

Limitations

Maximum water temperature: 40°C.
Maximum submersion: 12m.



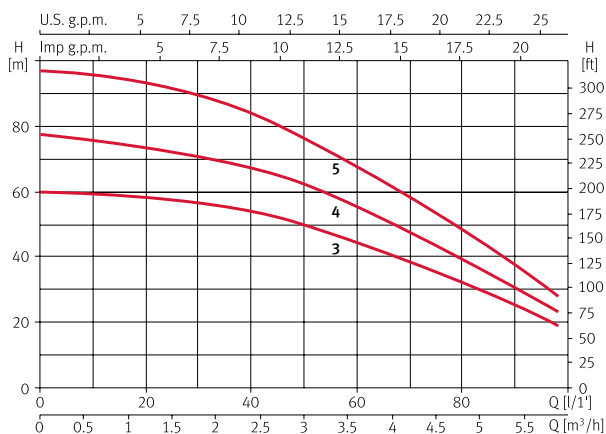
Model MA

Model M

Hydraulic performance table

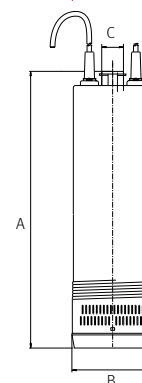
| Model | I [A] | P1 [kW] | P2 | | c [μF] | l/min m³/h | 10 | 20 | 40 | 60 | 90 | Code | |
|--------------|--------|---------|------|------|--------|---------------|----|----|----|----|----|------------------|-------------------|
| | 1~220V | 1~ | [kW] | [HP] | 220V | | | | | | | 1~220V (Model M) | 1~220V (Model MA) |
| Acuaría 17 3 | 7,7 | 1,6 | 0,9 | 1,2 | 16 | mwc | 59 | 58 | 55 | 45 | 25 | 98300 | 98298 |
| Acuaría 17 4 | 10,2 | 2,2 | 1,1 | 1,5 | 25 | | 75 | 72 | 67 | 55 | 30 | 96242 | 98302 |
| Acuaría 17 5 | 13,4 | 2,8 | 1,5 | 2 | 30 | | 96 | 93 | 83 | 68 | 38 | 96264 | - |

Performance curve at 3450 rpm



Dimension and weight

| Model | A | B | C | Kg |
|--------------|-----|-----|----|------|
| Acuaría 17 3 | 511 | 138 | 1" | 18,5 |
| Acuaría 17 4 | 552 | 138 | 1" | 20,3 |
| Acuaría 17 5 | 604 | 138 | 1" | 22,8 |



Submersible monoblock centrifugal multistage pump for water supply

Applications

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Suitable for open wells, ponds and tanks.

Materials

Pump body, suction, discharge, filter and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Double mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

Check valve not included.
Model MA: float switch.
Model M/T: without float switch.
15m of cable without plug.
External capacitor.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.
Water cooled motor.

Limitations

Maximum water temperature: 40°C.
Maximum submersion: 12m.



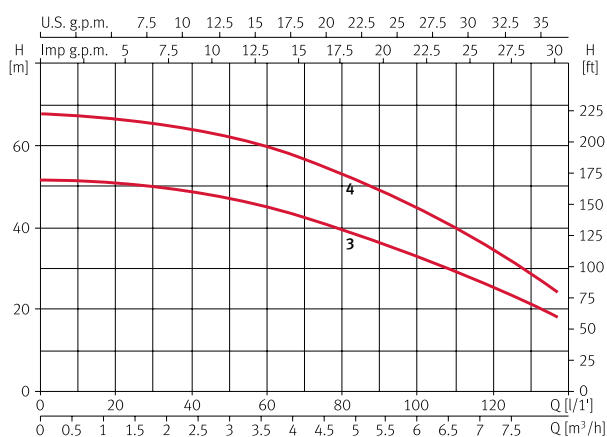
Model MA

Model M/T

Hydraulic performance table

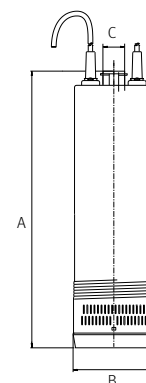
| Model | I [A] | | P1 [kW] | | P2 | | C [μF] 220V | l/min m³/h | 40 | 60 | 80 | 100 | 120 | Code | | |
|--------------|------------|------------|---------|-----|------|------|----------------|---------------|-----|-----|-----|-----|-----|---------------------|----------------------|---------------------|
| | 1~ 220V | 3~ 220V | 1~ | 3~ | [kW] | [HP] | | | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 1~220V (Model M) | 1~220V (Model MA) | 3~220V (Model T) |
| Acuaria 27 3 | 8,7 | 5,1 | 1,8 | 1,8 | 1,1 | 1,5 | 25 | nwc | 49 | 45 | 40 | 33 | 26 | 96319 | 98320 | 96311 |
| Acuaria 27 4 | 13 | 7 | 2,6 | 2,4 | 1,5 | 2 | 30 | | 65 | 60 | 53 | 45 | 35 | 96341 | 98324 | 96325 |

Performance curve at 3450 rpm



Dimension and weight

| Model | A | B | C | Kg |
|--------------|-----|-----|----|------|
| Acuaria 27 3 | 548 | 138 | 1" | 20,2 |
| Acuaria 27 4 | 604 | 138 | 1" | 22,9 |



Acuaría 37 Submersible



Submersible monoblock centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Suitable for open wells, ponds and tanks.

Materials

Pump body, filter and impellers in AISI 304.
Suction and discharge in cast iron.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Double mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

Check valve not included.
15m of cable without plug.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Continuous operation.
Water cooled motor.

Limitations

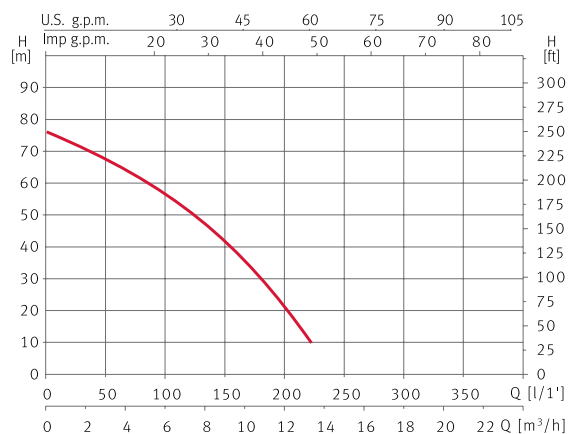
Maximum water temperature: 40°C.
Maximum submersion: 12m.



Hydraulic performance table

| Model | I [A] | P1 [kW] | P2 | | l/min | 25 | 50 | 100 | 150 | 200 | Code |
|--------------|--------|---------|------|------|-------------------|-----|----|-----|-----|-----|--------|
| | 3~220V | 3~ | [kW] | [HP] | m ³ /h | 1,5 | 3 | 6 | 9 | 12 | 3~220V |
| Acuaría 37 4 | 10 | 3,3 | 2,2 | 3 | mwc | 79 | 74 | 63 | 48 | 28 | 144152 |

Performance curve at 3450 rpm



Dimension and weight

| Model | A | B | C | Kg |
|--------------|-----|-----|--------|----|
| Acuaría 37 4 | 609 | 152 | 1 1/2" | 25 |



Acuaría 57 **Submersible**



Submersible monoblock centrifugal multistage pump for water supply

Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Suitable for open wells, ponds and tanks.

Materials

Pump body, filter and impellers in AISI 304.
Suction and discharge in cast iron.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Double mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

Check valve not included.
15m of cable without plug.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Continuous operation.
Water cooled motor.

Limitations

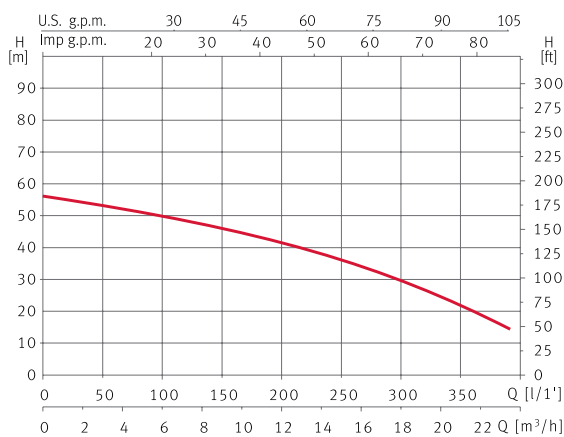
Maximum water temperature: 40°C.
Maximum submersion: 12m.



Hydraulic performance table

| Model | I [A] | | P1 [kW] | P2 | | l/min m³/h | 50 | 100 | 200 | 300 | 350 | Code | |
|--------------|--------|--------|---------|------|------|---------------|----|-----|-----|-----|-----|--------|--------|
| | 3~220V | 3~440V | 3~ | [kW] | [HP] | | | | | | | 3~220V | 3~440V |
| Acuaría 57 3 | 11,2 | 6,4 | 3,7 | 2,2 | 3 | mwc | 54 | 50 | 42 | 30 | 22 | 144154 | 176919 |

Performance curve at 3450 rpm



Dimension and weight

| Model | A | B | C | Kg |
|--------------|-----|-----|--------|----|
| Acuaría 57 3 | 667 | 152 | 1 1/2" | 29 |

