



DAVEY
SpaPOWER[®]

QB3002



QB035



QUIET POWERFUL BOOSTER

APPLICATION

Ideal for above and inground spas and swim spas.



residential

POWERFUL AND HIGH PERFORMING BOOSTER AND CIRCULATING PUMPS

- > **Double insulated to water circuit** – provided with an Equipotential Bonding Point for AS/NZ 3000 wiring standards
- > **Powerful Pump Performance** – Robust pump design combined with powerful motor options delivers high performance, for a satisfying spa experience
- > **Stainless Steel Pump Shaft** – Corrosion resistant 316SS pump shaft to ensure years of trouble-free use, even in salt water spa pool applications, for an extended pump life
- > **Energy Efficient** – Single and two speed models available to help conserve energy during filtration cycles
- > **Flexible Installation** – Pump housing can be turned 180° for easy installation of pipework, horizontal or vertical
- > **Quiet** – Large suction and discharge outlets allow for higher performance but at lower noise levels, ensuring a powerful yet relaxing spa experience
- > **Enhanced Pump Design** – Shielded yoke design helps protect the motor from any adverse leaking from the wet end whilst still meeting all industry safety standards



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QB Series

SpaPower Spa Pool Pump



- Metal jacket capacitor** installed for greater dependability and long service life
- Horizontal or vertical discharge** options for flexibility in installation with optional mounting pads to raise the pump height and to further reduce vibration and pump noise
- Option of single or two speed** models offers lower running costs during filtration cycles
- High quality and heavy duty construction** for long service life
- Corrosion resistant 316SS pump shaft**, a great performer even in salt water applications for an extended pump life
- Double insulated to water circuit** with Equipotential Bonding Point
- Powerful pump performance and robust design.** Shielded yoke offers protection from adverse leaking from the wet end.
- Three drainage points** enable easy drainage and clearing of air locks
- Large suction and discharge outlets** offer high performance at lower noise levels

ELECTRICAL DATA

| Type | QB035 | QB1501 | QB2001 | QB2002 | QB2501 | QB2502 | QB3001 | QB3002 |
|--------------------|------------|--------|--------|-----------|--------|-----------|--------|-----------|
| Speed | Single | Single | Single | Two | Single | Two | Single | Two |
| Voltage | 220 - 240V | | | | | | | |
| Phase | Single | | | | | | | |
| Supply frequency | 50Hz | | | | | | | |
| Start current | 5A | 20A | 24A | 14/22A | 34A | 19/34A | 42A | 19/38A |
| Run current | 1.6A | 5.8A | 7A | 2.4/7A | 8.6A | 2.8/8.6A | 10A | 3.2/10A |
| Motor input power | 250W | 1100W | 1500W | 350/1500W | 1850W | 400/1850W | 2200W | 450/2200W |
| Motor output power | 180W | 750W | 1100W | 180/1100W | 1500W | 220/1500W | 1700W | 250/1700W |
| RPM | 2900 | 2900 | 2900 | 1450/2900 | 2900 | 1450/2900 | 2900 | 1450/2900 |
| Enclosure class | IP55 | | | | | | | |
| Insulation class | F | | | | | | | |
| Approval no. | A/10EA | | | | | | | |
| Lead length | 3 metres | | | | | | | |

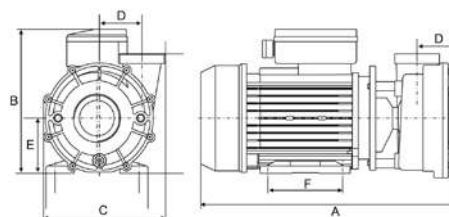
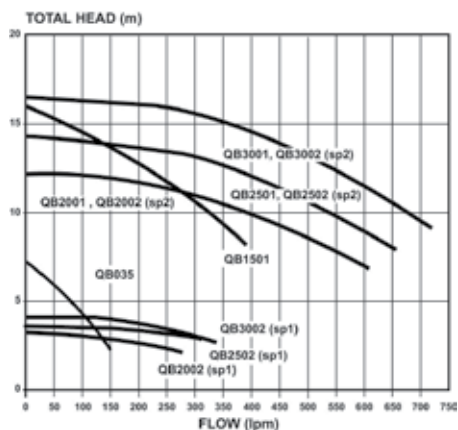
AVAILABLE THREAD PLUG TYPE

| Type | Thread Type (Available) | Plug Type (Available) |
|--|-------------------------------|-----------------------|
| QB035 | 40mm FBT (Pitch 3.175mm) | Amp (only) |
| QB1501 | 50mm FBT (Pitch 3.175mm) | Amp + C38 |
| QB2001AUS, QB2501AUS, QB3001AUS, QB2002AUS, QB2502AUS, QB3002AUS | 50mm FBT (Pitch 3.175mm) | Amp + C38 |
| QB2001, QB2501, QB3001, QB2002, QB2502, QB3002 | 50mm Davey FBT (Pitch 4.23mm) | Amp + C38 |
| QB25013AUS | 50mm FBT (Pitch 3.175mm) | Hard Wired |
| QB25013S | 50mm Davey FBT (Pitch 4.23mm) | Hard Wired |

DIMENSIONS (mm)

| Model | A | B | C | D | E | F | Mounting Holes Dia. | Inlet PVC | Outlet PVC | Net Weight (kg) |
|--------|------|-----|-----|-----|------|-----|---------------------|-----------|------------|-----------------|
| QB035 | 317 | 183 | 153 | 89 | 32.5 | 80 | 8 | 40 | 40 | 5.1 |
| QB1501 | 402 | 220 | 186 | 120 | 38 | 90 | | | | 11.5 |
| QB2001 | 414 | 235 | 202 | 71 | 90 | 125 | 10 | 50 | 50 | 13.5 |
| QB2501 | | | | | | | | | | 14.6 |
| QB3001 | 15.7 | | | | | | | | | |
| QB2002 | 14.7 | | | | | | | | | |
| QB2502 | 431 | 235 | 202 | 71 | 90 | 125 | 15.9 | | | |
| QB3002 | | | | | | | | | | 17 |

HYDRAULIC PERFORMANCE



OPERATING LIMITS

| Type | QB035 | QB1501 | QB2001 | QB2002 | QB2501 | QB2502 | QB3001 | QB3002 |
|-------------------|-------|--------|--------|--------|--------|--------|--------|--------|
| Max. water temp | 50°C | | | | | | | |
| Max. ambient temp | 50°C | | | | | | | |
| Noise level (dBa) | 56 | 65 | 72 | 55/72 | 72 | 55/72 | 72 | 55/72 |

davey.com.au | daveynz.co.nz | daveyeurope.eu | daveyusa.com

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