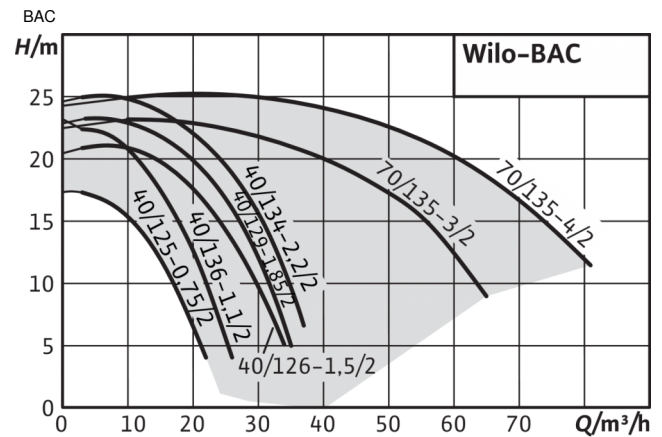


Series description: Wilo-BAC

Wilo-BAC



Similar to figure

Design type

Glanded pump in block design with screwed connection or Victaulic connection.

Application

For pumping of cooling water, cold water, water-glycol mixtures and other fluids without abrasive substances.

Equipment/function

Single-stage low-pressure centrifugal pump in block design, with axial suction port and radially arranged pressure port

Scope of delivery

- Pump
- Installation and operating instructions

Type key

| Example | BAC 40/126-1.5/2-S |
|------------|---|
| BAC | Monobloc pump for cooling and air-conditioning applications |
| 40 | Pipe connection (pressure port) |
| 126 | Impeller diameter |
| 1.5 | Rated motor power P2 in kW |
| 2 | Number of poles |
| S | Screwed connection |
| R | Victaulic connection |

Technical data

- Permissible temperature range -15 °C to +60 °C
- Mains connection 3~400 V, 50 Hz (others on request)
- Protection class IP 54
- Screwed connection: G2/G 1½ (type S) or Victaulic connection 60.3/48.3 mm (type BAC 40...-R) or 76.1/76.1 mm (type BAC 70...-R)
- Max. operating pressure 6.5 bar

Materials

- Pump housing: PA 6.6 50% GF
- Impeller: PA/PPO, fibreglass-reinforced
- Shaft: X30Cr13
- Mechanical seal: BQEGG

Description/construction

Single-stage low-pressure centrifugal pump in block design, with axial suction port and radially arranged pressure port.

Special features/product advantages

- Reduced life-cycle costs through optimised efficiency levels
- Pump housing in plastic design
- Version with Victaulic or threaded connection (BAC 70/135... with Victaulic connection only)

Product list: Wilo-BAC

| Product description | Mains connection | Motor efficiency class | Rated power P_2 | Nominal flange diameter | Gross weight, approx. m | Article number |
|-----------------------------|------------------|------------------------|-------------------|-------------------------|---------------------------|----------------|
| BAC 40/134-2.2/2-DM/S-2 | 3~400 V, 50 Hz | IE3 | 2.20 kW | G 1½ | 21.7 kg | 4213190 |
| BAC 40/126-1.5/2-DM/S-2 | 3~400 V, 50 Hz | IE3 | 1.50 kW | G 1½ | 15.4 kg | 4213188 |
| BAC 40/136-1.1/2-DM/S-2 | 3~400 V, 50 Hz | IE3 | 1.10 kW | G 1½ | 15.3 kg | 4213187 |
| BAC 40/125-0.75/2-DM/S-2 | 3~400 V, 50 Hz | IE3 | 0.75 kW | G 1½ | 13.9 kg | 4213186 |
| BAC 70/135-4/2-DM/R-2 | 3~400 V, 50 Hz | IE3 | 4.00 kW | DN 65 | 39.0 kg | 4213202 |
| BAC 70/135-3/2-DM/R-2 | 3~400 V, 50 Hz | IE3 | 3.00 kW | DN 65 | 32.5 kg | 4213201 |
| BAC 40/134-2.2/2-DM/R-2 | 3~400 V, 50 Hz | IE3 | 2.20 kW | DN 40 | 21.7 kg | 4213185 |
| BAC 40/126-1.5/2-DM/R-2 | 3~400 V, 50 Hz | IE3 | 1.50 kW | DN 40 | 15.4 kg | 4213183 |
| BAC 40/136-1.1/2-DM/R-2 | 3~400 V, 50 Hz | IE3 | 1.10 kW | DN 40 | 15.3 kg | 4213182 |
| BAC 40/125-0.75/2-DM/R-2 | 3~400 V, 50 Hz | IE3 | 0.75 kW | DN 40 | 13.9 kg | 4213181 |