BC 90/70

# BC 90/70

Article number 2190704037

Product page https://www.speck-pumps.com/en/p/bc-90-70-2190704037



## Description

For reliable pumping of aggressive media

## Areas of use

Pumping neutral and many non-neutral liquids, such as acids and bases, and aqueous solutions without abrasive components, e.g., in: - Surface technology - Environmental technology - Laboratory technology - Plastics industry - Rubber industry - Process engineering - Water treatment

## Version

BC series plastic centrifugal pumps with mechanical seals are suitable for chemically neutral and many chemically non-neutral liquids. Many aqueous acids and bases can be pumped. The pumps are self-priming and feature a suction strainer. Reliable operation even with varying suction heads is ensured. Seals are available in Viton or EPDM. They are driven by standard three-phase or single-phase motors.

## Material short text

BC 90/70 Viton. 3~. 3.00 kW

## Technical data

### Motor & drive

| | |
|---|---|
| Drehzahl | 2,850 min-1 |
| Motor frame size | 90 |
| Motor protection | Kaltleiterfühler PTC |
| Degree of protection | IP 55 |
| Insulation class | F |

### Electrics

| | |
|---|---|
| Power input $P_1$ (max.) | 3.45 kW |
| Power output $P_2$ (max.) | 3 kW |
| Voltage (max.) | 3~ 400/230 V |
| Rated current (230V) | 10.9 A |
| Frequency | 50 Hz |

### Energy efficiency

| | |
|---|---|
| Energy efficiency class | IE3 |

### Filtration

| | |
|---|---|
| Lint catcher capacity | 6 l |
| Strainer basket version | nein |
| Strainer basket mesh size | ca. 3.0 x 2.8 mm |

### Connections & piping

| | |
|---|---|
| Connection, inlet / suction side | 90 mm |
| Connection, discharge side | 90 mm |
| Recommended suction line diameter | 110 mm |
| Recommended discharge line diameter | 110 mm |

### Operating conditions & water

| | |
|---|---|
| Umgebungstemperatur | 40 ° C |

### Hydraulic power

| | |
|---|---|
| Förderhöhe | 14.5 mWS |

## Dimensions & logistics

| | |
|---|---|
| Product width | 270 mm |
| Product height | 434 mm |
| Net weight | 34.5 kg |
| Customs tariff number | 84137051 |