BC 42

# BC 42

Article number 2042093138

Product page https://www.speck-neos.medienreaktor-kunden.de/en/p/bc-42-2042093138



## 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 non-self-priming. Reliable operation even with varying suction heads is ensured. The seals are available in Viton or EPDM. They are driven by standard three-phase or single-phase motors.

## Material short text

BC 42/9-EPDM. 1~. 0.45 kW

## Technical data

### Hydraulic power

| | |
|---|---|
| Head (min.) | 10.3 mWS |

### Motor & drive

| | |
|---|---|
| Speed (max.) | 2,820 min-1 |
| Motor phases | 1~ |
| Degree of protection | IP 55 |
| Insulation class | F |

### Electrics

| | |
|---|---|
| Power input $P_1$ (max.) | 0.64 kW |
| Power output $P_2$ (max.) | 0.45 kW |
| Voltage (max.) | 1~ 230 V |
| Rated current (230V) | 0 A |
| Frequency | 50 Hz |

### Energy efficiency

| | |
|---|---|
| Energy efficiency class | IE2 |

### Filtration

| | |
|---|---|
| Lint catcher capacity | 0 l |

### Connections & piping

| | |
|---|---|
| Connection, inlet / suction side | Rp 1 1/2" |
| Connection, discharge side | Rp 1 1/2" |
| Recommended suction line diameter | 50 mm |
| Recommended discharge line diameter | 50 mm |

### Operating conditions & water

| | |
|---|---|
| Ambient temperature (min.) | 40 ° C |

## Dimensions & logistics

| | |
|---|---|
| Product width | 140 mm |
| Product height | 232 mm |
| Customs tariff number | 84137051 |