BC 40/7

# BC 40/7

Article number 2040074837

Product page https://www.speck-neos.medienreaktor-kunden.de/en/p/bc-40-7-2040074837



## 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 40/7 A-EPDM.3~.0.55kW.stark v. Ausf.

## Technical data

### Motor & drive

| | |
|---|---|
| Speed (max.) | 2,850 min-1 |
| Motor frame size | 80 |
| Motor protection | nein |
| Degree of protection | IP 55 |
| Insulation class | F |

### Electrics

| | |
|---|---|
| Power input $P_1$ (max.) | 0.69 kW |
| Power output $P_2$ (max.) | 0.55 kW |

| | |
|---|---|
| Voltage (max.) | 3~ 400/230 V |
| Rated current (230V) | 2.3 A |
| Rated current (400V) | 1.3 A |
| Frequency | 50 Hz |

**Operating conditions & water**

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

**Hydraulic power**

| | |
|---|---|
| Head (min.) | 11.8 mWS |

**Energy efficiency**

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

**Filtration**

| | |
|---|---|
| Lint catcher capacity | 0.5 l |
| Strainer basket version | Ja |
| Strainer basket mesh size | ca. 2.8 mm x 2. 8 mm |

**Connections & piping**

| | |
|---|---|
| Connection, inlet / suction side | G 2 1/4" |
| Connection, discharge side | G 2 1/4" |
| Recommended suction line diameter | 50 mm |
| Recommended discharge line diameter | 50 mm |

## Dimensions & logistics

| | |
|---|---|
| Product width | 184 mm |
| Product height | 268 mm |
| Net weight | 9.8 kg |
| Customs tariff number | 84137051 |