# BCM 40/2

Product page https://www.speck-neos.medienreaktor-kunden.de/en/p/bcm-40-2-p53924



## 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

Sealless plastic centrifugal pumps of the BCM series with magnetic coupling for leak-free operation (no shaft seal) 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. The elastomers are available in Viton or EPDM. Driven by standard motors with three-phase or single-phase current.

## Technical data

### Hydraulic power

| | |
|---|---|
| Head (min.) | 0 mWS |

### Motor & drive

| | |
|---|---|
| Speed (max.) | 2,840 min-1 |
| Degree of protection | IP 55 |
| Insulation class | F |

### Electrics

| | |
|---|---|
| Frequency | 50 Hz |

### Filtration

| | |
|---|---|
| Lint catcher capacity | 0 l |
| Strainer basket version | -1 |

### 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 |

### Operating conditions & water

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

## Dimensions & logistics

| | |
|---|---|
| Customs tariff number | 84137051 |

## Variants

| Article number | Name | Motor frame size | Power input $P_1$ (max.) | Power output $P_2$ (max.) | Rated current (230V) | Rated current (400V) | Energy efficiency class |
|---|---|---|---|---|---|---|---|
| 2040024037 | BCM 40/2 A-Viton. 3~. 0.55 kW | 71 | 0.72 kW | 0.55 kW | 2.3 A | 1.3 A | IE2 |
| 2040024137 | BCM 40/2 A-Viton.3~. 0.75kW.verst. Ausf. | 71 | 0.93 kW | 0.75 kW | 2.75 A | 1.6 A | IE3 |
| 2040024337 | BCM 40/2 A-EPDM. 3~. 0.55 kW | 71 | 0.72 kW | 0.55 kW | 2.3 A | 1.3 A | IE2 |
| 2040024437 | BCM 40/2 A-EPDM.3~. 0.75kW.verst. Ausf. | 80 | 0.93 kW | 0.75 kW | 2.75 A | 1.6 A | IE3 |