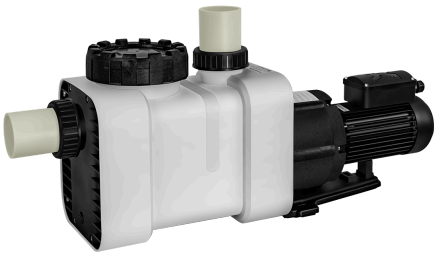
# BCM 48-16

Product page https://www.speck-neos.medienreaktor-kunden.de/en/p/bcm-48-16-p53928



## Description

For reliable pumping of aggressive media

## Areas of use

Pumping of neutral and many non-neutral liquids such as acids and alkalis, aqueous solutions without abrasive components, e.g. in surface technology, environmental engineering, 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), suitable for chemically neutral and many non neutral liquids. Many aqueous acids and alkalis can be pumped. The pumps are self priming with suction strainer. Reliable operation even with varying suction lift. Elastomers available in Viton or EPDM. Driven by standard motors in three phase or single phase.

## Technical data

### Hydraulic power

| | |
|---|---|
| Head (min.) | 12.8 mWS |

### Motor & drive

| | |
|---|---|
| Degree of protection | IP 55 |
| Insulation class | F |

### Electrics

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

### Filtration

| | |
|---|---|
| Lint catcher capacity | 4 l |
| Strainer basket version | teilbar |
| Strainer basket mesh size | ca. 2.2 x 2.2 mm |

### Connections & piping

| | |
|---|---|
| Connection, inlet / suction side | Sa 63 mm |
| Connection, discharge side | Da 63 mm |

| | |
|---|---|
| Recommended suction line diameter | 63 mm |
| Recommended discharge line diameter | 63 mm |

### Operating conditions & water

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

## Dimensions & logistics

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

## Variants

| Article number | Name | Speed (max.) | Motor phases | Motor frame size | Motor protection | Power input $P_1$ (max.) | Power output $P_2$ (max.) | Power input max. | Voltage (max.) | Rated current (230V) | Rated current (400V) | Energy efficiency class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2103160638 | BCM 48-16 EPDM, 1~, 0,65 kW | 2,810 min-1 | 1~ | 71 | WSK 150 °C | 0.84 kW | 0.65 kW | 0.88 kW | 1~ 230 V | 3.7 A | 0 A | IE2 |
| 2103160838 | BCM 48-16 EPDM, 1~, 0,75 kW-verst. | 2,885 min-1 | 1~ | 80 | WSK 150 °C | 0.96 kW | 0.75 kW | – | 1~ 230 V | 4.4 A | 0 A | IE2 |
| 2103160637 | BCM 48-16 EPDM, 3~, 0,65 kW | 2,872 min-1 | 3~ | 80 | nein | 0.85 kW | 0.65 kW | 0.95 kW | 3~ 400/230 V | 3 A | 1.75 A | IE2 |
| 2103160837 | BCM 48-16 EPDM, 3~, 0,75 kW-verst. | 2,870 min-1 | 3~ | 80 | PTC | 0.9 kW | 0.75 kW | – | 3~ 400/230 V | 2.8 A | 1.6 A | IE3 |
| 2103160737 | BCM 48-16 Viton, 3~, 0,65 kW | 2,872 min-1 | 3~ | 80 | nein | 0.85 kW | 0.65 kW | 0.95 kW | 3~ 400/230 V | 3 A | 1.75 A | IE2 |
| 2103160937 | BCM 48-16 Viton, 3~, 0,75 kW-verst. | 2,870 min-1 | 3~ | 80 | PTC | 0.9 kW | 0.75 kW | – | 3~ 400/230 V | 2.8 A | 1.6 A | IE3 |