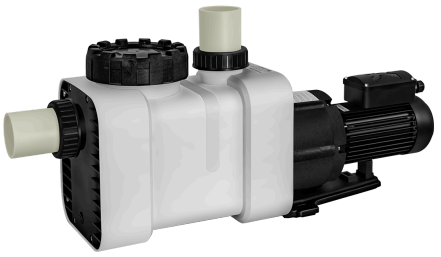
BCM 48-12

Product page https://www.speck-neos.medienreaktor-kunden.de/en/p/bcm-48-12-p53927



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.)	11.5 mWS

Motor & drive

Degree of protection	IP 55
Insulation class	F

Electrics

Frequency	50 Hz

Energy efficiency

Energy efficiency class	IE2

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)
2103120638	BCM 48-12 EPDM, 1~, 0,45 kW	2,820 min-1	1~	71	WSK 150°C	0.64 kW	0.45 kW	0.69 kW	1~ 230 V	2.7 A	0 A
2103120838	BCM 48-12 EPDM, 1~, 0,65 kW-verst.	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
2103120637	BCM 48-12 EPDM, 3~, 0,45 kW	2,814 min-1	3~	80	nein	0.6 kW	0.45 kW	0.68 kW	3~ 400 / 230 V	2.1 A	1.2 A
2103120837	BCM 48-12 EPDM, 3~, 0,65 kW-verst.	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
2103120738	BCM 48-12 Viton, 1~, 0,45 kW	2,820 min-1	1~	71	nein	0.64 kW	0.45 kW	0.69 kW	1~ 230 V	2.7 A	0 A
2103120938	BCM 48-12 Viton, 1~, 0,65 kW-verst.	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
2103120737	BCM 48-12 Viton, 3~, 0,45 kW	2,814 min-1	3~	80	nein	0.6 kW	0.45 kW	0.68 kW	3~ 400/230 V	2.1 A	1.2 A
2103120937	BCM 48-12 Viton, 3~, 0,65 kW-verst.	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