BCM 40/1

BCM 40/1 A-EPDM.3~.0.75kW.stark v.Ausf.



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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.

Material short text

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Technical data

Hydraulic power

Head (min.)	0 mWS

Motor & drive

Speed (max.)	2,840 min-1
Motor frame size	80
Degree of protection	IP 55
Insulation class	F

Electrics

Power input P_1 (max.)	0.93 kW
Power output P_2 (max.)	0.75 kW
Voltage (max.)	3~ 400/230 V

Rated current (230V)	1.06 A
Rated current (400V)	0.9 A
Frequency	50 Hz

Energy efficiency

Energy efficiency class	IE3

Filtration

Lint catcher capacity	3 l
Strainer basket version	-1
Strainer basket mesh size	ca. 3.2 x 2.6 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

Operating conditions & water

Ambient temperature (min.)	40 ° C

Dimensions & logistics

Product length	513 mm
Product width	184 mm
Product height	268 mm
Net weight	15 kg
Customs tariff number	84137051