BC 42

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Article number 2042093137

Product page https://www.speck-neos.medienreaktor-kunden.de/en/p/bc-42-2042093137



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 non-self-priming. Reliable operation even with varying suction heads is ensured. The seals are available in Viton or EPDM. They are driven by standard three-phase or single-phase motors.

Material short text

BC 42/9-EPDM. 3~. 0.45 kW

Technical data

Hydraulic power

Head (min.)	10.3 mWS

Motor & drive

Speed (max.)	2,814 min-1
Motor phases	3~
Motor protection	nein
Degree of protection	IP 55
Insulation class	F

Electrics

Power input P_1 (max.)	0.6 kW
Power output P_2 (max.)	0.45 kW
Voltage (max.)	3~ 400/230 V
Rated current (230V)	2.1 A
Rated current (400V)	1.2 A
Frequency	50 Hz

Energy efficiency

Energy efficiency class	IE2

Filtration

Lint catcher capacity	0 l

Connections & piping

Connection, inlet / suction side	Rp 1 1/2"
Connection, discharge side	Rp 1 1/2"
Recommended suction line diameter	50 mm
Recommended discharge line diameter	50 mm

Operating conditions & water

Ambient temperature (min.)	40 ° C

Dimensions & logistics

Product width	140 mm
Product height	232 mm
Net weight	7 kg
Customs tariff number	84137051