BC 90/45

Product page https://www.speck-neos.medienreaktor-kunden.de/en/p/bc-90-45-p53917



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 self-priming and feature a suction strainer. Reliable operation even with varying suction heads is ensured. Seals are available in Viton or EPDM. They are driven by standard three-phase or single-phase motors.

Technical data

Motor & drive

Motor protection	Kaltleiterfühler PTC
Degree of protection	IP 55
Insulation class	F

Electrics

Frequency	50 Hz

Energy efficiency

Energy efficiency class	IE3

Filtration

Lint catcher capacity	6 l
Strainer basket version	nein
Strainer basket mesh size	ca. 3.0 x 2.8 mm

Connections & piping

Connection, inlet / suction side	90

Connection, discharge side	90
Recommended suction line diameter	110 mm
Recommended discharge line diameter	110 mm

Operating conditions & water

Ambient temperature (min.)	40 ° C

Hydraulic power

Head (min.)	20.7 mWS

Dimensions & logistics

Customs tariff number	84137051

Variants

Article number	Name	Speed (max.)	Motor frame size	Power input P_1 (max.)	Power output P_2 (max.)	Voltage (max.)	Rated current (230V)
2190454037	BC 90/45	2,890 min-1	90	3.01 kW	2.6 kW	3~ 400/230 V	9 A
2190454337	BC 90/45	2,900 min-1	100	4.54 kW	4 kW	3~ 690/400 V	8 A
2190454637	BC 90/45	2,890 min-1	90	3.01 kW	2.6 kW	3~ 400/230 V	9 A
2190454837	BC 90/45	2,900 min-1	100	4.54 kW	4 kW	3~ 690/400 V	8 A