BC 43

Product page https://www.speck-neos.medienreaktor-kunden.de/en/p/bc-43-p53756



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.

Technical data

Motor & drive

Degree of protection	IP 55
Insulation class	F

Electrics

Frequency	50 Hz

Filtration

Lint catcher capacity	0 l

Connections & piping

Connection, inlet / suction side	Rp 2"
Connection, discharge side	Rp 2"

Operating conditions & water

Ambient temperature (min.)	40 ° C

Dimensions & logistics

Customs tariff number	84137051

Variants

Article number	Head (min.)	Speed (max.)	Motor phases	Motor frame size	Motor protection	Power input P_1 (max.)	Power output P_2 (max.)	Voltage (max.)	Rated current (230V)	Rated current (400V)	Energy efficiency class	Recommended suction line diameter	Recommended discharge line diameter
2043103037	0 mWS	2,870 min-1	3~	80	ja	0.9 kW	0.75 kW	3~ 400/230 V	2.8 A	1.6 A	IE3	63 mm	63 mm
2043103038	0 mWS	2,885 min-1	1~	80	WSK 150°C	0.96 kW	0.75 kW	1~ 230 V	4.4 A	–	IE2	63 mm	63 mm
2043103137	0 mWS	2,870 min-1	3~	80	ja	0.9 kW	0.75 kW	3~ 400/230 V	2.8 A	1.6 A	IE3	63 mm	63 mm
2043103138	0 mWS	2,885 min-1	1~	80	WSK 150°C	0.96 kW	0.75 kW	1~ 230 V	4.4 A	–	IE2	63 mm	63 mm
2043103337	0 mWS	2,905 min-1	3~	80	ja	1.2 kW	1 kW	3~ 400/230 V	4 A	2.3 A	IE3	63 mm	63 mm
2043103338	0 mWS	2,890 min-1	1~	80	WSK 150°C	1.25 kW	1 kW	1~ 230 V	5.5 A	–	IE2	63 mm	63 mm
2043103437	0 mWS	2,905 min-1	3~	80	ja	1.2 kW	1 kW	3~ 400/230 V	4 A	2.3 A	IE3	63 mm	63 mm
2043153037	19.3 mWS	2,870 min-1	3~	80	ja	0.9 kW	0.75 kW	3~ 400/230 V	2.8 A	1.6 A	IE3	63 mm	63 mm
2043153038	19.3 mWS	2,885 min-1	1~	80	WSK 150°C	0.96 kW	0.75 kW	1~ 230 V	4.4 A	–	IE2	63 mm	63 mm
2043153137	19.3 mWS	2,870 min-1	3~	80	ja	0.9 kW	0.75 kW	3~ 400/230 V	2.8 A	1.6 A	IE3	63 mm	63 mm
2043153138	19.3 mWS	2,885 min-1	1~	80	WSK 150°C	0.96 kW	0.75 kW	1~ 230 V	4.4 A	–	IE2	63 mm	63 mm
2043153337	19.3 mWS	2,905 min-1	3~	80	ja	1.2 kW	1 kW	3~ 400/230 V	4 A	2.3 A	IE3	63 mm	63 mm
2043153338	19.3 mWS	2,890 min-1	1~	80	WSK 150°C	1.25 kW	1 kW	1~ 230 V	5.5 A	–	IE2	63 mm	63 mm
2043153437	19.3 mWS	2,905 min-1	3~	80	ja	1.2 kW	1 kW	3~ 400/230 V	4 A	2.3 A	IE3	63 mm	63 mm
2043163037	0 mWS	2,905 min-1	3~	80	ja	1.2 kW	1 kW	3~ 400/230 V	4 A	2.3 A	IE3	63 mm	63 mm
2043163038	0 mWS	2,890 min-1	1~	–	WSK 150°C	1.25 kW	1 kW	1~ 230 V	5.5 A	–	IE2	63 mm	63 mm
2043163137	0 mWS	2,905 min-1	3~	80	ja	1.2 kW	1 kW	3~ 400/230 V	4 A	2.3 A	IE3	63 mm	63 mm
2043163138	0 mWS	2,890 min-1	1~	80	WSK 150°C	1.25 kW	1 kW	1~ 230 V	5.5 A	–	IE2	63 mm	63 mm
2043163337	0 mWS	2,910 min-1	3~	90	ja	1.54 kW	1.3 kW	3~ 400/230 V	4.7 A	2.7 A	IE3	63 mm	63 mm
2043223038	0 mWS	2,890 min-1	1~	80	WSK 150°C	1.61 kW	1.3 kW	1~ 230 V	7.1 A	–	IE2	–	–
2043223137	0 mWS	2,910 min-1	3~	90	ja	1.54 kW	1.3 kW	3~ 400/230 V	4.7 A	2.7 A	IE3	–	–
2043223138	0 mWS	2,890 min-1	1~	80	WSK 150°C	1.61 kW	1.3 kW	1~ 230 V	7.1 A	–	IE2	–	–

Article number	Head (min.)	Speed (max.)	Motor phases	Motor frame size	Motor protection	Power input P_1 (max.)	Power output P_2 (max.)	Voltage (max.)	Rated current (230V)	Rated current (400V)	Energy efficiency class	Recommended suction line diameter	Recommended discharge line diameter
2043223337	0 mWS	2,900 min-1	3~	90	–	1.76 kW	1.5 kW	3~ 400/230 V	5.1 A	3 A	IE3	–	–
2043223338	0 mWS	2,850 min-1	1~	80	WSK 160°C	1.84 kW	1.5 kW	1~ 230 V	8.6 A	–	IE2	–	–
2043223437	0 mWS	2,900 min-1	3~	90	–	1.76 kW	1.5 kW	3~ 400/230 V	5.1 A	3 A	IE3	–	–
2043233038	21 mWS	2,890 min-1	1~	80	WSK 150°C	1.61 kW	1.3 kW	1~ 230 V	7.1 A	–	IE2	75 mm	63 mm
2043233137	21 mWS	2,910 min-1	3~	90	ja	1.54 kW	1.3 kW	3~ 400/230 V	4.7 A	2.7 A	IE3	75 mm	63 mm
2043233138	21 mWS	2,890 min-1	1~	80	WSK 150°C	1.61 kW	1.3 kW	1~ 230 V	7.1 A	–	IE2	75 mm	63 mm
2043233337	21 mWS	2,900 min-1	3~	90	–	1.76 kW	1.5 kW	3~ 400/230 V	5.1 A	3 A	IE3	75 mm	63 mm
2043233338	21 mWS	2,850 min-1	1~	80	WSK 160°C	1.84 kW	1.5 kW	1~ 230 V	8.6 A	–	IE2	75 mm	63 mm
2043233437	21 mWS	2,900 min-1	3~	90	–	1.76 kW	1.5 kW	3~ 400/230 V	5.1 A	3 A	IE3	75 mm	63 mm
2043263038	22.7 mWS	2,850 min-1	1~	80	WSK 160°C	1.84 kW	1.5 kW	1~ 230 V	8.6 A	–	IE2	75 mm	75 mm
2043263137	22.7 mWS	2,900 min-1	3~	90	–	1.76 kW	1.5 kW	3~ 400/230 V	5.1 A	3 A	IE3	75 mm	75 mm
2043263138	22.7 mWS	2,850 min-1	1~	80	WSK 160°C	1.84 kW	1.5 kW	1~ 230 V	8.6 A	–	IE2	75 mm	75 mm
2043263337	22.7 mWS	2,915 min-1	3~	90	ja	2.54 kW	2.2 kW	3~ 400/230 V	7.8 A	4.5 A	IE3	75 mm	75 mm
2043263338	22.7 mWS	–	1~	90	Motorschutzschalter 14A	2.66 kW	2.2 kW	1~ 230 V	12.8 A	–	IE2	75 mm	75 mm
2043263437	22.7 mWS	2,915 min-1	3~	90	ja	2.54 kW	2.2 kW	3~ 400/230 V	7.8 A	4.5 A	IE3	75 mm	75 mm
2043323038	17.5 mWS	2,850 min-1	1~	80	WSK 160°C	1.84 kW	1.5 kW	1~ 230 V	8.6 A	–	IE2	75 mm	75 mm
2043323137	17.5 mWS	2,900 min-1	3~	90	–	1.76 kW	1.5 kW	3~ 400/230 V	5.1 A	3 A	IE3	75 mm	75 mm
2043323138	17.5 mWS	2,850 min-1	1~	80	WSK 160°C	1.84 kW	1.5 kW	1~ 230 V	8.6 A	–	IE2	75 mm	75 mm
2043323337	17.5 mWS	2,915 min-1	3~	90	ja	2.54 kW	2.2 kW	3~ 400/230 V	7.8 A	4.5 A	IE3	75 mm	75 mm
2043323338	17.5 mWS	2,906 min-1	1~	90	Motorschutzschalter 14A	2.66 kW	2.2 kW	1~ 230 V	12.8 A	–	IE2	75 mm	75 mm
2043323437	17.5 mWS	2,915 min-1	3~	90	ja	2.54 kW	2.2 kW	3~ 400/230 V	7.8 A	4.5 A	IE3	75 mm	75 mm
2043323438	17.5 mWS	2,906 min-1	1~	90	Motorschutzschalter 14A	2.66 kW	2.2 kW	1~ 230 V	12.8 A	–	IE2	75 mm	75 mm