



Cleanflows automatic continuously
cleaning - Rotating

SRCC-3232-09S-N-NA-F1H-L-B-B

Article number: SRCC320101

Product Features

Description	Cleanflow magnet - automatic cleaning - rotating
Article number	SRCC320101
Product key	SRCC-3232-09S-N-NA-F1H-L-B-B
Max. particle size	10 mm
Min. Fe-particle size that can be caught	30 µm
Magnetic separating efficiency indication	Fe: 100 %,AISI304: 80 %,AISI316: 45 %
Cleaning/Fe-particles disposal	Fully automatic with continuous production process
Build-in length	500 mm
Product inlet/outlet size	#320 mm
Fe-parts outlet size	#100 mm
Interface/connection dim's	Lifting eye Ø22 mm (4x),Flange #400x#320 mm - 16xM8 (product in-/outlet),Flange #140x#100 mm - 8xM5 (Fe-parts outlet)
Connections	Pneumatic: for 6 mm hose,Electrical: to control unit
Max. capacity	40 m³/h
Materials - in contact with product	AISI304 (SS 1.4301),AISI316L (SS 1.4404)
Material housing	AISI304 (SS 1.4301),AISI316L (SS 1.4404),PC (Polycarbonate) (hatch)
Material gaskets/seals	NBR (hydraulic seal),Nylon (Polyamide, PA6) (brush),Silicone VMQ, 60° Shore, transparent, 'Food safe' acc. EC 1935/2004 and FDA (inspection hatch)
Surface treatment/finishing	S1: Grit blasted, Ra 3 µm (interior/exterior)
Welds	WH: product chute: completely welded - outside the product chute: welded shut
Max. operating / product temperature	60 °C
Min./max. ambient temperature	-5 to 40 °C
Magnetic system	Magnetic bar in tube
Magnetic bar size	Tube Ø34 mm
No of bars	9
Magnet quality	Neodymium GSN-42, Br 13,300 gauss (at 20 °C), Tmax. 80 °C

Field strength (flux density) on tube ($\pm 10\%$)	9400 gauss
Control unit power supply	3x400 V AC + N + PE; 50 Hz
Pneumatic supply	4 - 6 bar
Motor power supply	230 (delta)/400 (star) V AC; 50 Hz; 0.12 kW (Rated current 0.68/0.39 A)
Motor drive	Electro motor with gear box: SEW FA37/G R17/II2GD DR63S4/II3D
Motor mounting position	M1-Terminal box position=0 (R) / X (normal)
Motor rotational speed	In/out: 1380/5.0 rpm
Motor electrical thermal insulation class	ISO-F (155 °C)
Motor dust/water protection class	IP65
Control	PLC Siemens LOGO! logic Module (included)
Length	1960 mm
Width	561 mm
Height	615 mm
Weight	345 kg