



Cleanflows automatic discontinuously  
cleaning - Dust-proof - Rotating

SRCD-4040-12Q-N-F1H-V-L-B-B

Article number: SRCD400018

## Product Features

<b>Description</b>	Cleanflow magnet - dust proof - automatic discontinuously cleaning - rotating
<b>Article number</b>	SRCD400018
<b>Product key</b>	SRCD-4040-12Q-N-F1H-V-L-B-B
<b>Max. particle size</b>	10 mm
<b>Min. Fe-particle size that can be caught</b>	30 µm
<b>Magnetic separating efficiency indication</b>	Fe: 100 %,AISI304: 80 %,AISI316: 45 %
<b>Cleaning/Fe-particles disposal</b>	Automatic (production suspension required),Fe parts disposal: via disposal channel by way of a valve box
<b>Build-in length</b>	1275 mm
<b>Product inlet/outlet size</b>	#400 mm
<b>Fe-parts outlet size</b>	#320 mm
<b>Interface/connection dim's</b>	Flange #480x#400 mm - 16xM8 (product in-/outlet),Flange #400x#320 mm (Fe-parts outlet)
<b>Connections</b>	Pneumatic: for 6 mm hose,Electrical: to control unit
<b>Max. capacity</b>	60 m³/h
<b>Materials - in contact with product</b>	AISI304 (SS 1.4301),AISI316L (SS 1.4404)
<b>Material housing</b>	AISI304 (SS 1.4301),AISI316L (SS 1.4404)
<b>Material gaskets/seals</b>	NBR, 70° Shore A,Silicone VMQ, 60° Shore, transparent, 'Food safe' acc. EC 1935/2004 and FDA
<b>Surface treatment/finishing</b>	S1: Grit blasted, Ra 3 µm (interior/exterior)
<b>Welds</b>	WH: product chute: completely welded - outside the product chute: welded shut
<b>Max. operating / product temperature</b>	60 °C (40 °C in ATEX environment)
<b>Min./max. ambient temperature</b>	-5 to 40 °C
<b>ATEX</b>	1 Suitable for ATEX II 3 D (zone 22)
<b>Magnetic system</b>	Magnetic bar in tube
<b>Magnetic bar size</b>	Tube Ø34 mm

<b>No of bars</b>	12
<b>Magnet quality</b>	Neodymium GSN-42, Br 13,300 gauss (at 20 °C), Tmax. 80 °C
<b>Field strength (flux density) on tube (±10%)</b>	9400 gauss
<b>Control unit power supply</b>	3x400 V AC + N + PE; 50 Hz
<b>Pneumatic supply</b>	4 - 6 bar
<b>Motor power supply</b>	219-241 (delta)/380-420 (star) V AC; 50 Hz; 0.37 kW (Rated current 1.82/1.05 A)
<b>Motor drive</b>	Electro motor with gear box: SEW FA67/G/II2GD EDRS71M4/2GD/KCC/TF/AL
<b>Motor mounting position</b>	M1-Terminal box position=0 (R) / X (normal)
<b>Motor rotational speed</b>	In/out: 1375/6.0 rpm
<b>Motor electrical thermal insulation class</b>	ISO-F (155 °C)
<b>Motor dust/water protection class</b>	IP65
<b>Control</b>	PLC Siemens LOGO! logic Module (included)
<b>Integrated valve box</b>	yes
<b>Length</b>	1565 mm
<b>Width</b>	610 mm
<b>Height</b>	1275 mm