

Cleanflow magnet rotating – Manual / semi-automatic cleaning

SECR – B – 3030 – 08E – HT – NA – F5M – B – B – M1 – SW – B

Product

SECR	Rotating Cleanflow magnet, manual cleaning
SECRZ	Special rotating Cleanflow magnet, manual cleaning

Model

B	Basic version
H	Hygienic version (Hydro formed housing)
Z	Special version

Connection size

2020	Square in/outlet 200 x 200mm	D150	Round in/outlet diameter 150mm
3030	Square in/outlet 300 x 300mm	D250	Round in/outlet diameter 250mm
5230	Rectangular in/outlet 520 x 300mm		

Magnetic bars / cleaning method

08 ...	Number of magnetic bars
... B	Magnetic bars d23mm (manual cleaning)
... E	Magnetic bars d23mm with Extractor d25mm (manual cleaning)
... C	Magnetic bars d30mm with Extractor d32mm (manual cleaning)
... P	Magnetic bars Pneumatically operated d25mm (semi-autom. cleaning)
... Z	Magnetic bars special

Magnet quality

N	N42, Br 13.300 gauss, Tmax 80°C
HT	N42SH, Br 13.300 gauss / N45SH, Br 13.600 gauss, Tmax 150°C
ES	N52, Br 14.800 gauss, Tmax 80°C

Atex explosion safety

NA	Not explosion safe (no Atex)	X4	Ex II 1/3 D
Ex	Ex II 1/2 D c T140°C	ZZ	Special

Finishing: Surface treatment & Welds

See info chart 'Finishing Surface treatment & Welds'

Extractor type

B	Basic (no coating)	H	Hardened extractor by Hard-inchromizing
C	Closed extractor (backside) (no coating)	W	Wear resistant extractor by Tungsten carbide coating
		Z	Special coating

Detection / sensors / control

B	Basic: Door safety switch Steute Ex-AZ 16 (2D) + Terminal box	W	Door safety switch Steute 295 (3D) (no terminal box)
L	Door safety switch Schmersal Ex-AZ 16 (3D) + Terminal box	T	Door safety switch Steute 295 (3D) + Terminal box
P	Door safety switch Pilz PSEN CS 2.13p (3D) + Terminal box	Z	Special

Motor type

	(Voltage)	(Frequency)	(Standard)	(Eff. Class)
M1	230/400 V	50 Hz	Ex II2D	IE3
M2	230/400 V --- 266/460 V	50 Hz / 60 Hz	-	IE3
M3	230/400 V	60 Hz	Ex II2D	IE3
M4	230/400 V --- 266/460 V	50 Hz / 60 Hz	UL	IE3
MZ	Special motor			

Door seal

SW	Silicone (EC1935/2004) White	SR	Silicone (EC1935/2004) Red	EW	EPDM (FDA) White
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Flange gasket

B	Basic (no gasket)	E	EPDM (EC1935/2004)	S	Silicone 4mm gasket set (EC1935/2004)	Z	Special
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Cleanflow magnet rotating – Manual / semi-automatic cleaning – Module configuration

SECR	Cleanflow magnet rotating – Manual / semi-automatic cleaning
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SECR... - EXTRACTOR	Extractor
SECR... - MAG INSERT	Magnet insert
SECR... - SHAFT	Motor shaft
SECR... - DOOR SEAL	Door seal
SECR... - FL GASKET	Flange gasket
SECR... - CONTROL	Control
SECR... - HOUSING	Housing + door

Cleanflow magnet rotating – Manual / semi-automatic cleaning – Extractor

SECR – S – 3030 – 08E – F3M – B – EXTRACTOR

Module	
SECR...- EXTRACTOR	Rotating Cleanflow magnet, manual cleaning Extractor
SECRZ...- EXTRACTOR	Special rotating Cleanflow magnet, manual cleaning Extractor

S	Spare part

Connection size	
2020	Square in/outlet 200 x 200 mm
3030	Square in/outlet 300 x 300 mm
5230	Rectangular in/outlet 520 x 300 mm
D150	Round in/outlet diameter 150 mm
D250	Round in/outlet diameter 250 mm

Magnetic bars / cleaning method	
08 ...	Number of magnetic bars
... E	Magnetic bars d23mm with Extractor d25mm (manual cleaning)
... C	Magnetic bars d30mm with Extractor d32mm (manual cleaning)
... Z	Magnetic bars special

Finishing: Surface treatment & Welds	
F1M	Grit blasted / Continuously welded
F3M	Pickled and passivated / Continuously welded
F8M	Hygienic wet blasted / Continuously welded
See info chart 'Finishing Surface treatment & Welds'	

Extractor type	
B	Basic (no coating)
C	Closed extractor (backside) (no coating)
H	Hardened extractor by Hard-inchromizing
W	Wear resistant extractor by Tungsten carbide coating
Z	Special coating

DESCRIPTION	
EXTRACTOR	Extractor

Cleanflow magnet rotating – Manual / semi-automatic cleaning – Magnet insert

SECR – S – 3030 – 08E – HT – MAG INSERT

Module	
SECR...- MAG INSERT	Rotating Cleanflow magnet, manual cleaning Magnet insert
SECRZ...- MAG INSERT	Special rotating Cleanflow magnet, manual cleaning Magnet insert

S	Spare part

Connection size	
2020	Square in/outlet 200 x 200 mm
3030	Square in/outlet 300 x 300 mm
5230	Rectangular in/outlet 520 x 300 mm
D150	Round in/outlet diameter 150 mm
D250	Round in/outlet diameter 250 mm

Magnetic bars / cleaning method	
08 ...	Number of magnetic bars
... E	Magnetic bars d23mm
... C	Magnetic bars d30 mm
... Z	Magnetic bars special

Magnet quality	
N	N42, Br 13.300 gauss, Tmax 80°C
HT	N42SH, Br 13.300 gauss / N45SH, Br 13.600 gauss, Tmax 150°C
ES	N52, Br 14.800 gauss, Tmax 80°C

DESCRIPTION	
MAG INSERT	Magnet insert

Cleanflow magnet rotating – Manual / semi-automatic cleaning – Motor shaft

SECR – S – 3030 – SHAFT

Module	
SECR...- SHAFT	Rotating Cleanflow magnet, manual cleaning Motor shaft
SECRZ...- SHAFT	Special rotating Cleanflow magnet, manual cleaning Motor shaft

S	Spare part

Connection size	
2020	Square in/outlet 200 x 200 mm
3030	Square in/outlet 300 x 300 mm
5230	Rectangular in/outlet 520 x 300 mm
D150	Round in/outlet diameter 150 mm
D250	Round in/outlet diameter 250 mm

DESCRIPTION	
SHAFT	Motor shaft

Cleanflow magnet rotating – Manual / semi-automatic cleaning – Door seal

SECR – S – 3030 – SW – DOOR SEAL

Module	
SECR...- DOOR SEAL	Rotating Cleanflow magnet, manual cleaning Door seal
SECRZ...- DOOR SEAL	Special rotating Cleanflow magnet, manual cleaning Door seal

S	Spare part

Connection size	
2020	Square in/outlet 200 x 200 mm
3030	Square in/outlet 300 x 300 mm
5230	Rectangular in/outlet 520 x 300 mm
D150	Round in/outlet diameter 150 mm
D250	Round in/outlet diameter 250 mm

Material	
SW	Silicone (EC1935/2004) White
SR	Silicone (EC1935/2004) Red
EW	EPDM (FDA) White

DESCRIPTION	
DOOR SEAL	Door seal

Cleanflow magnet rotating – Manual / semi-automatic cleaning – Flange gasket

SECR – S – 3030 – E_EC1935 – FL GASKET

Module	
SECR...- FL GASKET	Rotating Cleanflow magnet, manual cleaning Flange gasket
SECRZ...- FL GASKET	Special rotating Cleanflow magnet, manual cleaning Flange gasket

S	Spare part

Connection size	
2020	Square in/outlet 200 x 200 mm
3030	Square in/outlet 300 x 300 mm
5230	Rectangular in/outlet 520 x 300 mm
D150	Round in/outlet diameter 150 mm
D250	Round in/outlet diameter 250 mm

Material	
E_EC1935	EPDM, thickness 4 mm (EC1935/2004)
S_EC1935	Silicone, thickness 4 mm (EC1935/2004)
Z	Special

DESCRIPTION	
FL GASKET	Flange gasket

Cleanflow magnet rotating – Manual / semi-automatic cleaning – Control

SECR – 3030 – E – CONTROL

Module	
SECR...- CONTROL	Rotating Cleanflow magnet, manual cleaning Control
SECRZ...- CONTROL	Special rotating Cleanflow magnet, manual cleaning Control

Connection size	
2020	Square in/outlet 200 x 200 mm
3030	Square in/outlet 300 x 300 mm
5230	Rectangular in/outlet 520 x 300 mm
D150	Round in/outlet diameter 150 mm
D250	Round in/outlet diameter 250 mm

Detection / control type	
STEU_AZ16+B	Basic: Door safety switch Steute Ex-AZ 16 (2D) + Terminal box
SCHM_AZ16+B	Door safety switch Schmersal Ex-AZ 16 (3D) + Terminal box
PILZ_PSEN+B	Door safety switch Pilz PSEN CS 2.13p (3D) + Terminal box
STEU_295	Door safety switch Steute 295 (3D) (no terminal box)
STEU_295+B	Door safety switch Steute 295 (3D) + Terminal box
Z	Special

DESCRIPTION	
CONTROL	Control

Cleanflow magnet rotating – Manual / semi-automatic cleaning – Housing

SECR – B – 3030 – HOUSING

Module	
SECR...- HOUSING	Rotating Cleanflow magnet, manual cleaning Housing
SECRZ...- HOUSING	Special rotating Cleanflow magnet, manual cleaning Housing

Model	
B	Basic version
H	Hygienic version (Hydro formed housing)
Z	Special version

Connection size	
2020	Square in/outlet 200 x 200 mm
3030	Square in/outlet 300 x 300 mm
5230	Rectangular in/outlet 520 x 300 mm
D150	Round in/outlet diameter 150 mm
D250	Round in/outlet diameter 250 mm

DESCRIPTION	
HOUSING	Housing (+ door)

Product key



Magnetic palletizer

Change history

Date	Initiator	Description
19-11-2024	DK/AvD	Atex: code ZZ added, Detection/sensors/control: codes C and E removed, W and T added Module sheets added