



MAGNETIC SEPARATORS

SBK



SKANDINAVISKA
BÅNDKOMPAGNI / S



SBK A/S markets two types of separation systems, both manufactured by the French company, STIF:

VIGIFLUX automated magnetic separators (serially connected) and VIGIFLUX permanent tube magnets. These systems reduce wear and spillage, and improve safety and manufacturing quality.

VIGIFLUX automated magnets are available at 100-300 m³/h capacity and with automatic cleaning – controlled by a pneumatic or electrical actuator.

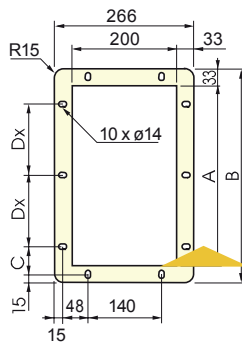
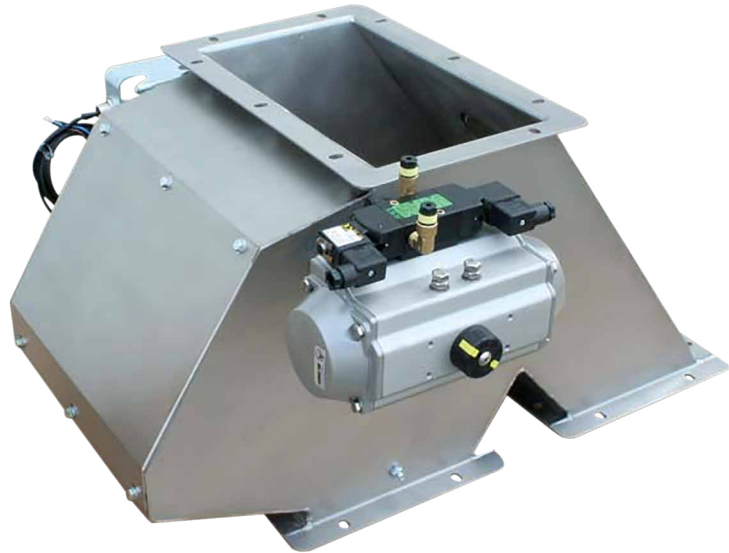
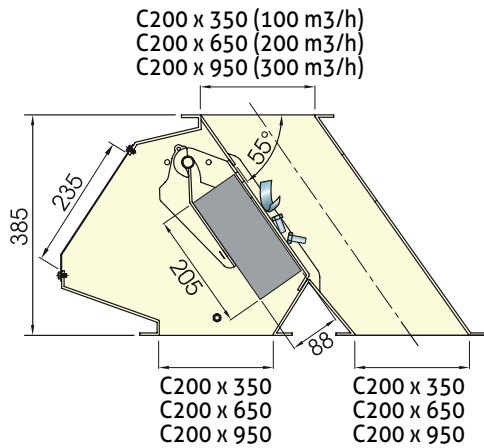
VIGIFLUX permanent tube magnets are available at 10-500 m³/h capacity and with manual cleaning.

VIGIFLUX magnets are widely used in the food, animal feed and plastics industries.

If you cannot find the type of magnet you want, please contact us so that we can work together to find the perfect solution to meet your needs.

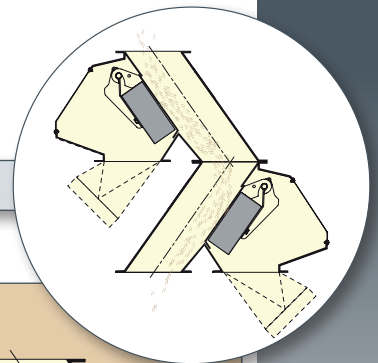


MAGNETIC SEPARATORS

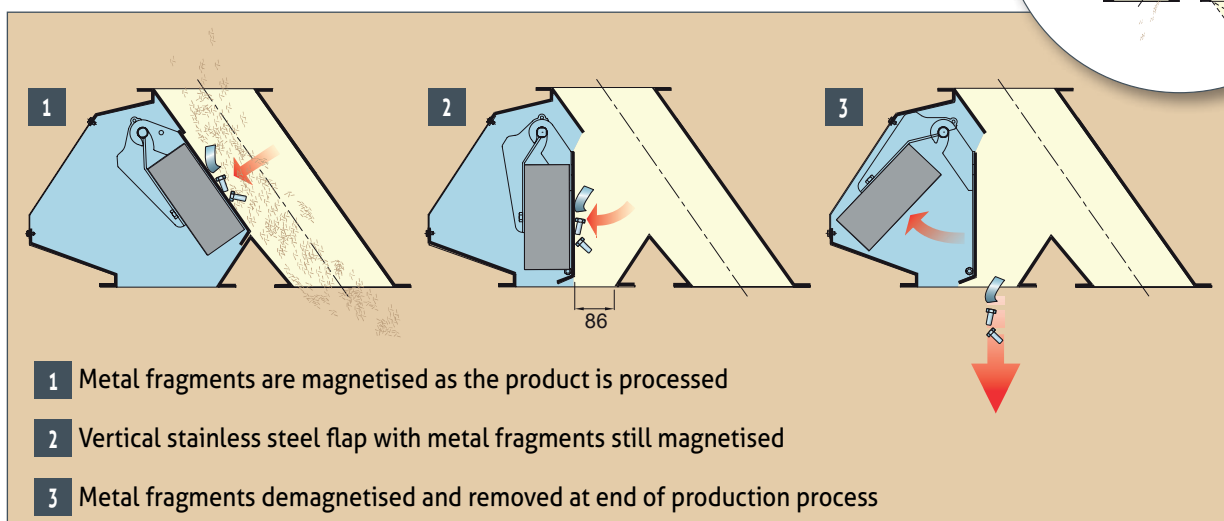


Ø	A mm	B mm	C mm	D mm	Ep
200x350	350	416	53	2x140	3
200x650	650	716	58	3x190	3
200x950	950	1.016	68	5x170	3

Seriemonteret



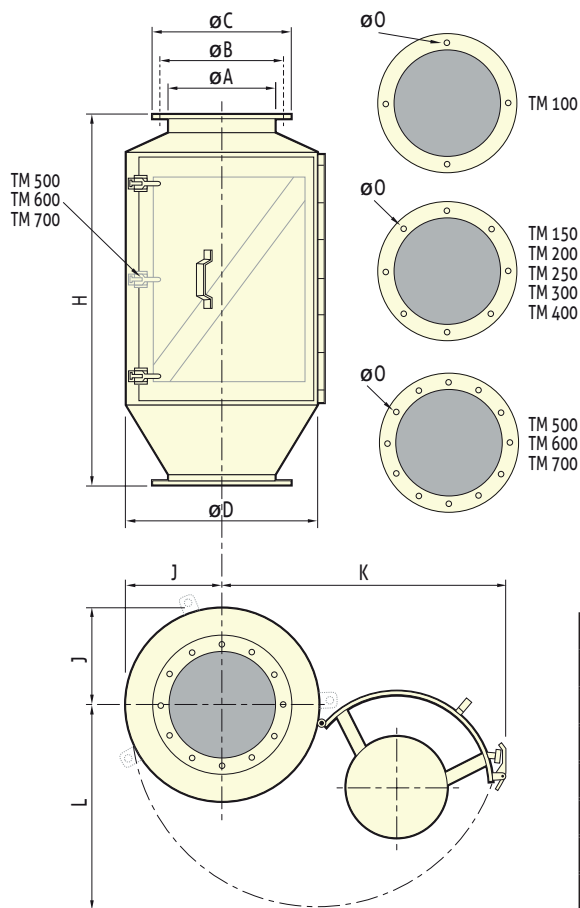
HOW IT WORKS



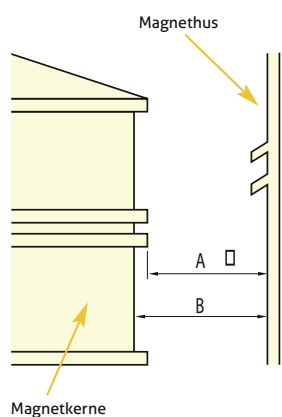
Permanent magnet: automatic cleaning, made of stainless steel, controlled by pneumatic or electrical actuator

Subject to alterations

PIPEMAGNETS



TM	øA	øB	øC	øD	H	J	K	L	øO	Ox
100	100	139	165	220	580	110	435	320	9,5	х4
150	150	200	225	275	655	139,5	515	380	11,5	х8
200	198	241	275	345	760	175,5	625	455	11,5	х8
250	548	292	325	430	850	218	750	550	11,5	х8
300	298	366	395	485	880	245,5	840	630	11,5	х8
400	395	448	484	600	1100	304	1025	710	11,5	х12
500	500	551	584	780	1200	390	1138	822	11,5	х12
600	600	665	700	935	1450	468	1338	962	14	х12
700	700	750	800	1000	1650	500	1432	1035	14	х12



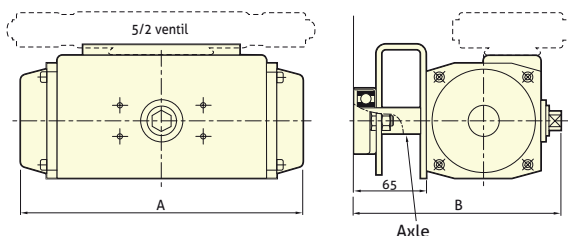
TM	Kapacitet	Vægt	Gauss	A	B
100	10 m ³ /h	23 kg	2300	37,5 mm	42 mm
150	35 m ³ /h	38 kg	2500	42,5 mm	50 mm
200	85 m ³ /h	70 kg	3600	40 mm	52,5 mm
250	130 m ³ /h	115 kg	4500	65 mm	77,5 mm
300	200 m ³ /h	145 kg	5100	62,5 mm	74,5 mm
400	260 m ³ /h	275 kg	5700	75 mm	90 mm
500	310 m ³ /h	460 kg	6200	114 mm	129 mm
600	400 m ³ /h	610 kg	7000	142 mm	157 mm
700	500 m ³ /h	750 kg	8000	179 mm	194 mm

Permanet magnet: manual emptying, made of stainless steel

Subject to alterations

CONTROLS

PNEUMATIC CONTROL 90°



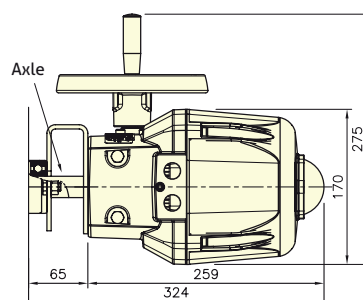
NAMUR 5/2 SOLENOID VALVE
 installation drawing — standard voltage 48V 50/60 Hz.
 Other voltages available on request.
 Standard for D. 6/8 mm hose 5.5 bar



	Type	A mm	B mm	Nm (5,5 bar)
200x350	250 DA	247,5	200	101
200x650	300 DA	268,5	212	146
200x950	350 DA	315	240	236

Electronic actuator

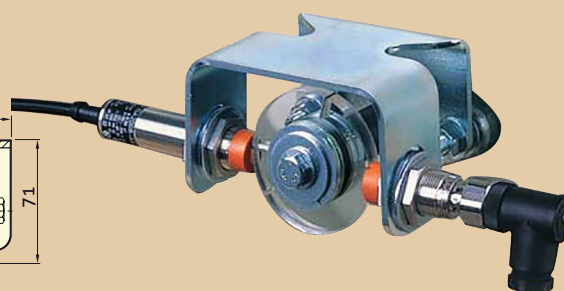
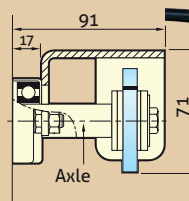
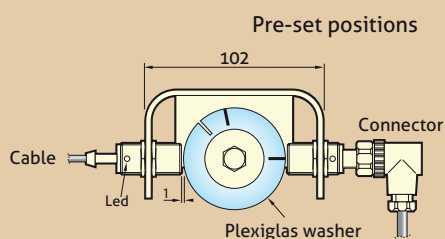
Type	≤ 300	≥ 350
	VSK 150	VSK 300
Moment Nm	150	300
Run time - 90°	20"	35"
Effect W	135 W	
3 phase voltage	400 V - 50/60 Hz	
Protection	IP 67	



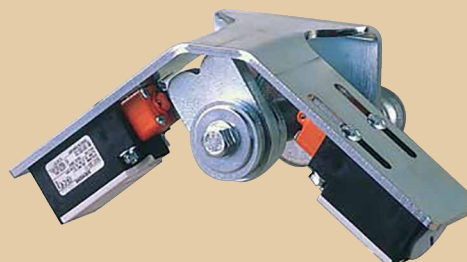
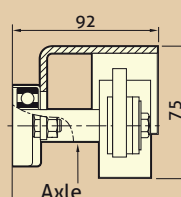
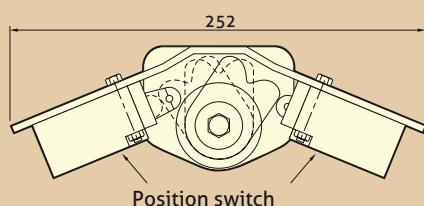
ENDSTOPS SWITCHES

Mounted in the opposite end of steering. ATEX zone 22 & 21

Inductive sensor - supplied with cable or plinth



Mechanical endstop



Subject to alterations



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