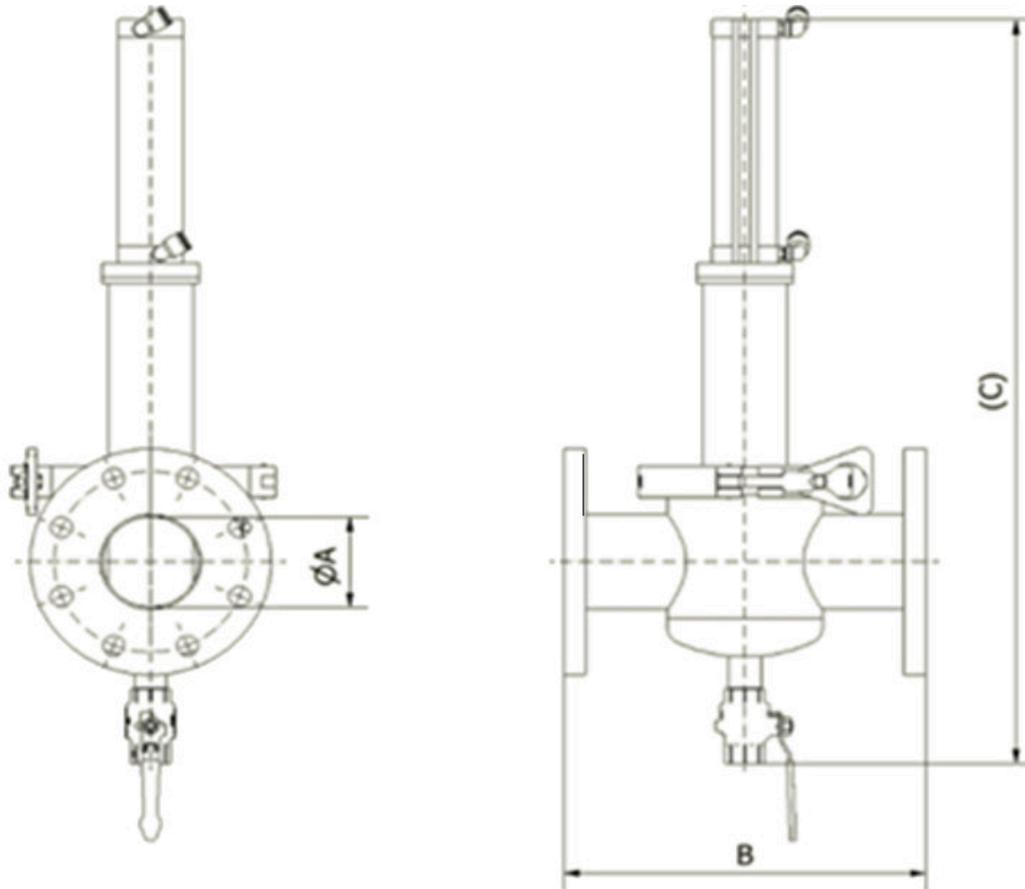


Datasheet MSP-AC EKO 50 V0 BARRACUDA



Model	Dimensions (mm)			Weight (kg)
	øA	B	C	
MSP-AC EKO 20 V0 - BARRACUDA	20	260	490	16
MSP-AC EKO 40 V0 - BARRACUDA	40	260	550	17
MSP-AC EKO 50 V0 - BARRACUDA	50	300	580	18
MSP-AC EKO 80 V0 - BARRACUDA	80	300	670	22
MSP-AC EKO 100 V0 - BARRACUDA	100	300	800	26
MSP-AC EKO 125 V0 - BARRACUDA	125	375	885	30
MSP-AC EKO 150 V0 - BARRACUDA	150	450	970	33

Parameter name	Value
Description:	Self-cleaning pipeline magnetic separator (version without valves)

Separator placement:	inside of a pipeline,
Application (= the material that the application of this separator is suitable for):	liquid material
Material flow direction):	horizontal
Built-in standard magnet type:	neodymium magnet
Max. magnetic induction (G) on the surface of tube (+/- 10 %):	9500
Weight of the separator (kg):	18
Connecting dimension, inlet and outlet diameter of the separator (mm):	50
Standard connection of the separator:	standard flange
Separator is suitable also even for the materials of poor bulk properties:	no
Minimum size of the particles that can be captured by the separator (mm):	0.03
Maximum size of the particles that can be captured by the separator (mm):	2
Max. operating temperature (°C):	60
Min. surrounding ambient temperature (°C):	-25
Max. surrounding ambient temperature (°C):	45
Material of the sealing:	EPDM
Separator is suitable for vacuum or pressure conveying lines:	yes
Separator is suitable for materials transported by:	pipeline
Max. speed at which that the separator can capture ferrous particles (m/s):	25
Separator is able to capture paramagnetic particles:	yes
Separator is suitable for abrasive materials (1 = strongly abrasive, 2 = slightly abrasive, 3 = non-abrasive):	3
Separator is suitable for materials that tend to solidify (the materials must be heated):	no
Separation of non-ferrous metals:	no
Standard requirements for the installation:	compressed air supply (of 6 - 8 bar), water supply (3 bar), electricity supply (220 V, 50 Hz)
Cleaning of the separator:	automatic cleaning, but it is necessary to interrupt the material flow during the cleaning
Diameter of the outer (protective) tube of the magnetic rod (mm):	68

Number of magnetic tubes:	1
System tube in tube:	no
Material of the separator body (that is in contact with the material):	DIN 1.4301
ATEX (paid option):	zone 21, 22
Outer surface treatment of the separator:	sandblasted
Inner surface treatment of the separator:	sandblasted
Magnetic system:	magnetic tube
Degree of motor protection (against dust and water):	IP55
Standard electrical equipment of the separator:	external electric cable with a plug, no frequency convertor, no electric switchboard, pneumatic components FESTO
Other standard parameters:	pressure resistance up to do 6 bars (no official certificate), no inlet and outlet flaps, no automatic valves, neodymium magnets N52
Other additionally paid options:	pressure resistance above 6 bars (with an official pressure certificate), inner polishing, design for ATEX zone 20
Max. operation time (hours/day):	24
Max. production time for a standard version (if not available in stock) (weeks):	8
Standard packing:	wooden box
Other packing modes (surcharged options):	pallet, maritime packing according to clients needs
Warranty (months):	12

Pneumatically cleaned magnetic separator, however delivered without inlet and outlet flaps or valves. It is equipped with one magnetic tube. • Standard version (without an official pressure certificate): resistant up to 6 bars • Above standard version (with an official pressure certificate): resistant above 6 bars • Additional option: official pressure certificate