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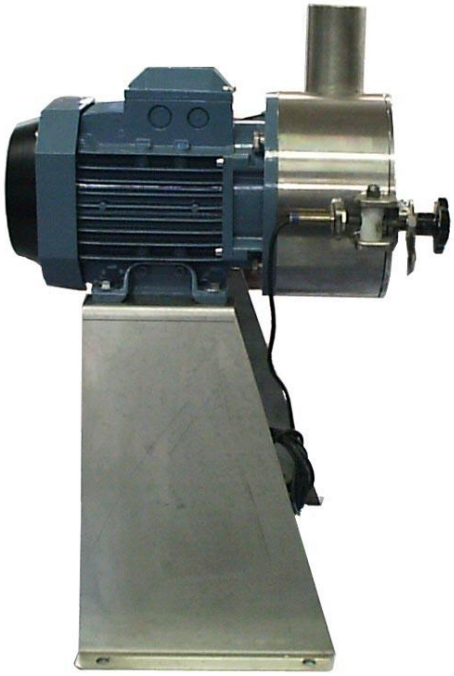
CENTRIFUGAL SIEVE for pneumatic line
DATA SHEET

- It is generally used in pneumatic transports as a safety filter to remove any non ferrous foreign objects from powders.
- It works either in pressure or in vacuum.
- It is equipped with a limit switch connected to the lid, when the lid is open, the rotor stops thus giving a safe access to the operator for inspection and/or cleaning.



- It must be installed indoor or in a covered place, sheltered from weather.
- The unit is normally shipped completely assembled.
- It should be cleaned at least weekly; the safety system should be checked every month.

Model SLX 20		
	Capacity max (Kg/h)	2000
	Mesh (mm)	Q12 x 9,5 x 1 x 1 (6X6) Q6 x 4,5 x 4,5 x 0,8 (3X3)
	Weight (kg)	20
	Overall dimension (mm)	430 x 570 H=455
	Pipe connection Inlet and outlet (mm)	D. 70

Conformity to Directive ATEX 94/9/CE : II3D c p T 135°C X

TECHNICAL FEATURES

- ✓ Power supply : V.230-400/50
- ✓ Installed power : kW.1.5
- ✓ Absorbed current : 3.6 A
- ✓ Limit safety switch for inspection door : 3SE by "SIEMENS" contact 1O-1C
- ✓ Air blowing-in on the seal : 0,2 bar higher pneum. transport.
- ✓ Max working pressure : + 1 Bar
- ✓ Max project pressure : + 5 bar
- ✓ Max working temperature : + 70° C
- ✓ Working ambient temperature : +5° a +40°C
- ✓ Packing list: 0.8x0.6x0.4 mt, weight 20 kg.

MATERIAL OF COSTRUCTION

- ✓ House and cover : Alluminium
- ✓ Rotor : Alluminium
- ✓ Mesh : Stainless steel AISI304 or AISI316
- ✓ Seal for cover : NBR
- ✓ Seal on rotor : VITON

FEATURES OF PROCESSED POWDERS

Centrifugal sieve can contain non-conducting dusts, can be used in potentially explosive atmosphere areas, zone 22.

During normal running, a potentially explosive atmosphere is unlikely to occur; if it occurs it does not last for a long time.

- ✓ Powder with higher electrical resistivity 10^3 ohm x m
- ✓ Powder classification o : ST1
- ✓ Minimum ignition energy (MIE) : ≥ 10 Mj

DIMENSIONAL DRAWING