



## GREEN MAGNETIK DOO.

May the magnetic force be with you!

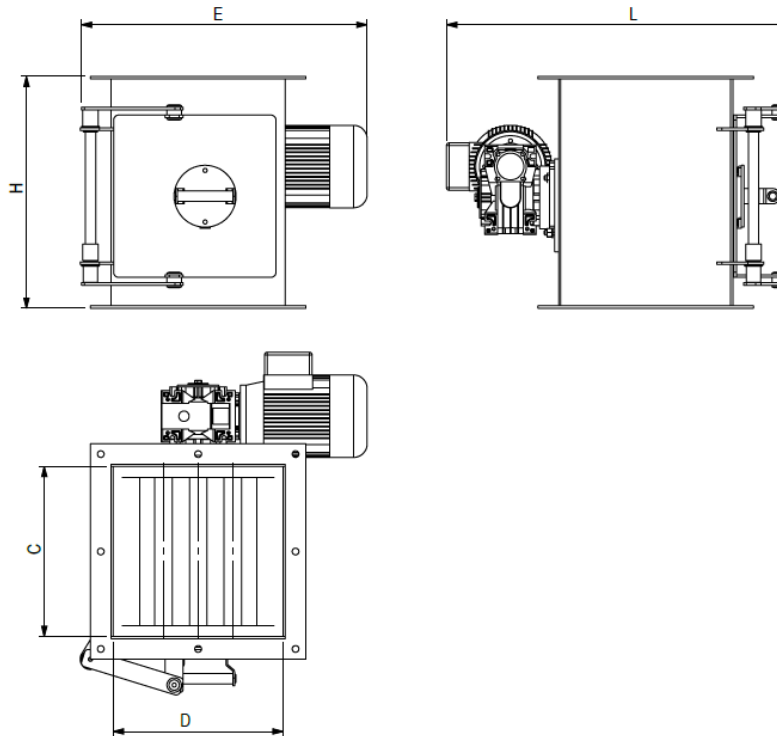
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### Data sheet PAKR - Rotating magnetic separator



Name	Max material capacity (m <sup>3</sup> /h)	Weight (kg)	Dimensions (mm)					Number of magnetic rods
			E	L	C	D	H	
PAKR-150-N52	6	22	320	330	150	150	220	3
PAKR-200-N52	9	34	370	380	200	200	270	6
PAKR-250-N52	15	47	420	430	250	250	320	7
PAKR-300-N52	24	63	470	480	300	300	370	8
PAKR-350-M52	39	79	520	530	350	350	420	9

The separator is available in FIX or RAZ versions. FIX - the magnetic rods cannot be pulled apart, this has to be cleaned with hands, but it is much more durable and has a higher magnetic force than the RAZ version. RAZ - the rods can be pulled apart at the same time, which makes it easier to clean, the L size is smaller, but improper handling of the magnets during cleaning can damage the magnets, and the measurable magnetic force on the rods is lower.

Parameters	Value
Description of the metal separator:	Separates metal contaminants from fine powder materials. The movement of the rotator prevents the material from sticking together and facilitates its flow.
Area of use:	solid, powder material
Material flow direction:	vertical, gravitational flow
Built-in magnet type:	Neodymium N52 magnet
Maximum magnetic induction (Gaus) on the magnetic rods (+/- 10%):	10000 Gaus
Magnetic force on the magnetic core (+/- 10%):	14800 Gaus
The standard connection:	squair, circle connection
The smallest metal contaminant that the metal separator can catch:	0,03 mm
The largest metal contaminant that the metal separator can catch:	10 mm
Maximum operating temperature:	60 (°C)
Suitable for vacuum or pressure transport:	no
Suitable for the selection of non-metallic materials:	no
Standard installation requirements:	power supply (400V, 50Hz)
Cleaning of the metal separator:	manually, after switching off the machine and stopping the material flow
The magnetic rod diamension:	fi 34 mm or fi 25 mm
The metal separator is mad out of:	AISI304
Exterior surface treatment:	matt, polished
Internal surface treatment:	matt
Maximum operating time:	24 h/day
Operation parameters:	START / STOP swich
Warrantee:	12 months

**In addition to the above, the metal separators are also available in other sizes with higher temperature resistant magnets, several magnetic rods and fi25 magnetic rods. Material capacity is a relative value, it depends on the type of material.**

