

Magnetic Products, Inc.

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Round Spout Drawer Magnets (RSDM Series)

Application:

MPI's Round Spout Drawer Magnets (RSDM series) are designed to remove medium and small size ferrous tramp metal contaminants from dry, granular, free-flowing product streams in round gravity-fed vertical chutes and spouts. The RSDM series offers an easy and economical solution for protecting processing equipment and providing greater product purity. It is an ideal product for sifter and screener discharge spouts, eliminating the need for mounting transitions or flanges.

Operation:

The product stream flows through one or two tiers (depending on model selection) of 1" diameter magnetic tubes designed to create an extremely effective magnetic circuit. The two-row units have magnetic tubes staggered to prevent bridging or choking of the product stream and to maximize magnetic filtration as product flows through the housing. Tramp metal contaminants move to the underside of the magnetic tubes eliminating tramp metal "wash off." The front door panel with magnetic tubes attached can be quickly unlatched, removed and cleaned outside the product flow area.

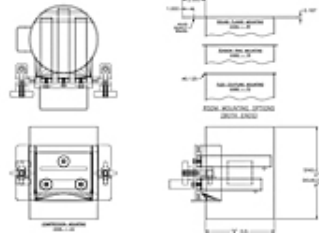
Standard Features:

- Stainless steel construction
- Powerful Rare Earth magnet material
- One or two rows of seam-welded 1" dia. magnet tubes
- Integral support mount
- Available with four (4) different flange options

Options:

- Ceramic 8 magnet material
- Non-standard housing flange connections
- Non-standard alloy stainless steel construction
- Non-standard magnetic tube spacing

Caution: Product bridging and eventual choking can occur if flow characteristics are not considered.



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Item #	Type	Product Flow Area	No. of Tubes	Dimension A	Flange Options	List Price
RSDM-04-REN-FC	1 Tier	8.3 in ² 53 cm ²	1	4 in	Flex Coupling	QUOTE
RSDM-04-REN-RE	1 Tier	8.3 in ² 53 cm ²	1	4 in	Round Flange	QUOTE
RSDM-04-REN-TR	1 Tier	8.3 in ² 53 cm ²	1	4 in	Tension Ring	QUOTE
RSDM-04-REN-CC	1 Tier	8.3 in ² 53 cm ²	1	4 in	Compression	QUOTE
RSDM-05-REN-FC	1 Tier	11.2 in ² 72.2 cm ²	2	5 in	Flex Coupling	QUOTE
RSDM-05-REN-RE	1 Tier	11.2 in ² 72.2 cm ²	2	5 in	Round Flange	QUOTE
RSDM-05-REN-TR	1 Tier	11.2 in ² 72.2 cm ²	2	5 in	Tension Ring	QUOTE
RSDM-05-REN-CC	1 Tier	11.2 in ² 72.2 cm ²	2	5 in	Compression	QUOTE

RSDM-06-REN-FC	1 Tier	17.8 in ² 114 cm ²	2	6 in	Flex Coupling	QUOTE
RSDM-06-REN-RE	1 Tier	17.8 in ² 114 cm ²	2	6 in	Round Flange	QUOTE
RSDM-06-REN-TR	1 Tier	17.8 in ² 114 cm ²	2	6 in	Tension Ring	QUOTE
RSDM-06-REN-CC	1 Tier	17.8 in ² 114 cm ²	2	6 in	Compression	QUOTE
RSDM-07-REN-FC	1 Tier	19 in ² 122 cm ²	3	7 in	Flex Coupling	QUOTE
RSDM-07-REN-RE	1 Tier	19 in ² 122 cm ²	3	7 in	Round Flange	QUOTE
RSDM-07-REN-TR	1 Tier	19 in ² 122 cm ²	3	7 in	Tension Ring	QUOTE
RSDM-07-REN-CC	1 Tier	19 in ² 122 cm ²	3	7 in	Compression	QUOTE
RSDM-08-REN-FC	1 Tier	29 in ² 187 cm ²	3	8 in	Flex Coupling	QUOTE
RSDM-08-REN-RE	1 Tier	29 in ² 187 cm ²	3	8 in	Round Flange	QUOTE
RSDM-08-REN-TR	1 Tier	29 in ² 187 cm ²	3	8 in	Tension Ring	QUOTE
RSDM-08-REN-CC	1 Tier	29 in ² 187 cm ²	3	8 in	Compression	QUOTE
RSDM-10-REN-FC	1 Tier	46 in ² 296 cm ²	4	10 in	Flex Coupling	QUOTE
RSDM-10-REN-RE	1 Tier	46 in ² 296 cm ²	4	10 in	Round Flange	QUOTE
RSDM-10-REN-TR	1 Tier	46 in ² 296 cm ²	4	10 in	Tension Ring	QUOTE
RSDM-10-REN-CC	1 Tier	46 in ² 296 cm ²	4	10 in	Compression	QUOTE
RSDM-12-REN-FC	1 Tier	64 in ² 414 cm ²	5	12 in	Flex Coupling	QUOTE

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