



The innovative Rotary Valve by GIMAT®



GIMAT's innovative line of **rotary valves** for material handling applications offers a comprehensive solution to regulate the flow of dust, powder and granular products with utmost precision.

Building on our expertise in the field of **powder handling**, we have introduced a range of rotary airlock feeder valves that can be seamlessly integrated into existing installations or purchased separately.

Available in the sizes DN 100, 150, 200, 250, 300 and 350 mm.



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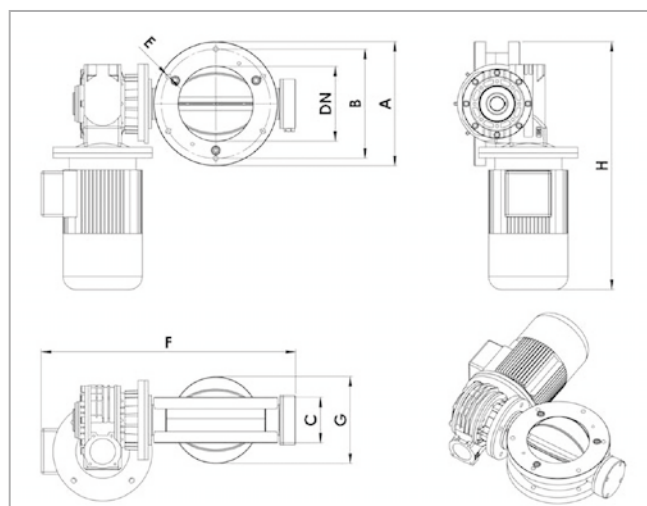
Unique features:

- Spherical housing & protruding rotor blades
- 6 sizes - useful flow rate up to 30 m³/h
- 316L Contact Parts
- ATEX compliant up to zone 1-21
- EU Regulation 1935/2004 compliant
- Clean and compact design
- Complete emptying
- Eliminates powder bridging
- Perfect gravity dosing
- Airlock rotary feeder for vacuum or pressure applications
- Reduces downtime
- Can be retrofitted to existing applications

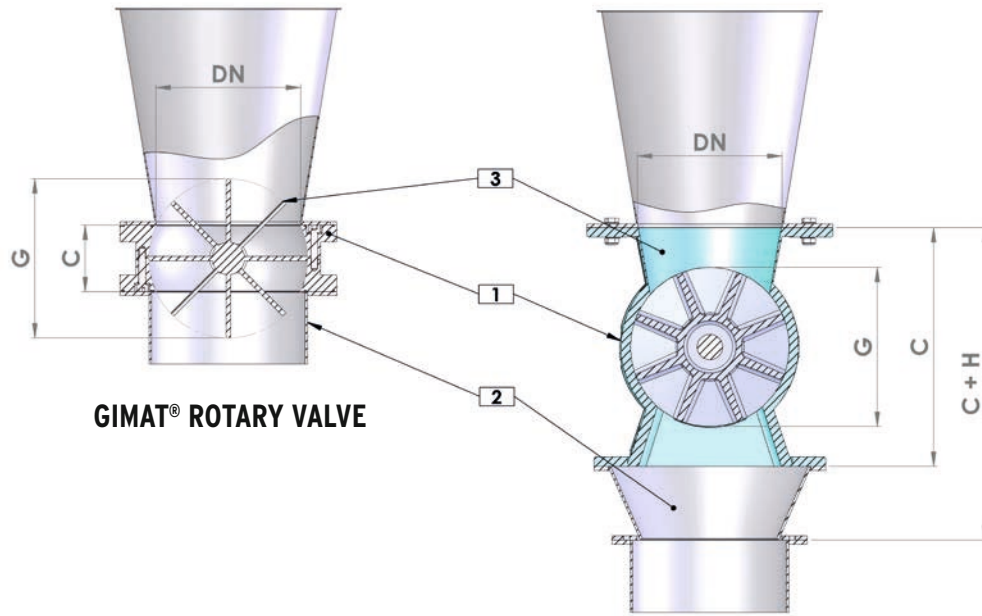


Models and Dimension:

MODEL	DN*	ØA	ØB	C	E	F	G	H	N° SECTOR	GEOMETRIC SECTOR VOLUME	USEFULL CAPACITY**
RV 100	100	200	170	72	6*M10	401	123	389	8	0.104 L	635 L/h
RV 150	150	250	220	92	6*M12	514	175	456	8	0.35 L	2100 L/h
RV 200	200	300	270	92	6*M12	564	220	485	8	0.64 L	3840 L/h
RV 250	250	350	320	112	6*M12	618	273	591	8	1.3 L	7800 L/h
RV 300	300	430	400	130	6*M16	724	326	610	8	2.1 L	12.800 L/h
RV 350	350	480	450	150	6*M16	750	380	673	8	3.45 L	21.000 L/h
Temperature range: -20°C to +100°C, optional +150°C						** Filling rate 60% - 21 rpm					
Operating pressure: -0,8 barg to +0,8 barg						* PN 10 EN 1092-1 flange fittings available on request					



GIMAT® Rotary Valve - Standard Rotary Valve



STANDARD ROTARY VALVE

FEAUTURE	GIMAT® ROTARY VALVE	STANDARD ROTARY VALVE
DIMENSIONS	• Compact and lightweight	• Large size
CONNECTION	• Simple upstream and downstream connection with round flange	• A manifold is required to adapt from square to round flange
BRIDGE-BREAKER	• Protruding rotor blades that enter any hopper discharge area. The rotors act as bridge breaker function to facilitate efficient material discharge	• The rotary valve does not act as a bridge breaker





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