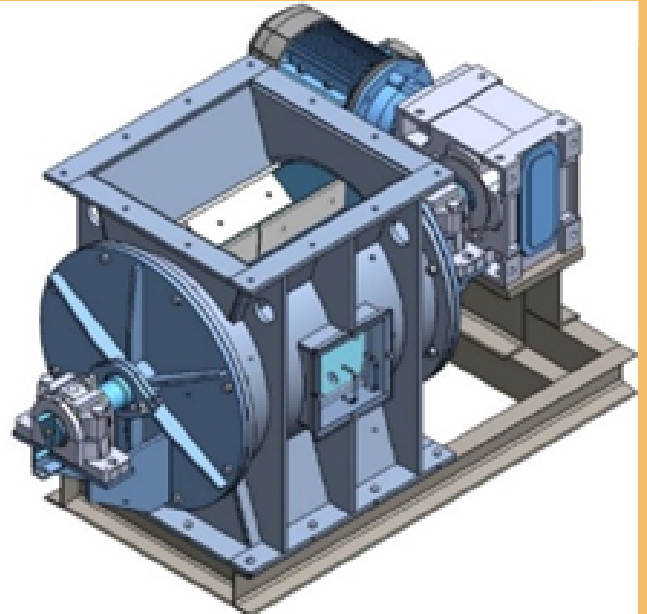
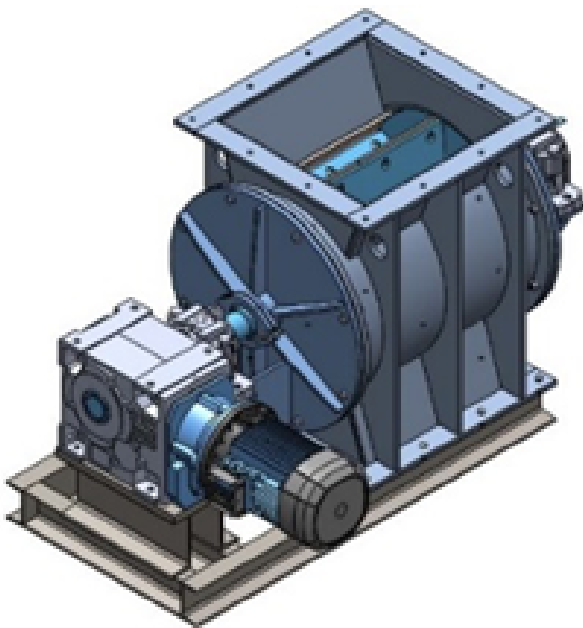


SAAGMO Rotary Air Lock/Valve



- Maximum number of blades in contact with body at one time without affecting throughput. Good throat opening at valve entry allowing high pocket filling efficiency.
- Minimum clearance at rotor tips and sides with body.
- Robust body adequately stiffened to prevent distortion.
- Heavy shaft diameters minimising deflection.
- Outboard bearings for non-contamination.
- Labyrinth/Packing gland type seals.
- Maximizing valve speed to 25 rpm -prolonging life, ensuring good throughput.
- Precision machining of components

Saagmo Technologies

Head Office: G4, Aakansha chs, Prashant Nagar, Behind Naupada police station, Newar Teen Hath Naka, Thane(W)- 400 602, Maharashtra, India.

Contact No.: +91-9969894448/+91-9820239466 **Email id:** info@saagmo.com

www.saagmo.com

Technical Specifications

CONSTRUCTION / TECHNICAL SPECIFICATION			
Body	: Fabricated-MS/SS	Bearing	: Cartridge Type
Rotor	: Fabricated Closed and Open, MS/SS	Bearing Make	: SKF/NTN/ZKL eqvt.
Side Plates	: Fabricated MS/SS	Shaft	: CS1030
Gear Box	: Heliworm / Helibevel / Helical Gear	Opening Size	: 200 to 750
Drive Type	: Direct/Chain	Temperature	: UP to 400 Degree C
Drive	: Bonfiglioli Standard	Differential Pressure	: 15 Bar
Rotor Type	: Fabricated Closed or open	Capacity Range	: Up to 350 Cu M
Rotor Tips	: Flexible Tips/Wear Tips	Surface Treatment	: Grit Blasting
Sensor	: Proximity Sensor		
Seals	: Labyrinth Seal	Painting Standard	: 50 μ m Epoxy Grey : Primer and 50 μ m PU : Blue paint RAL 5015

Model	OPENING(MM)	POWER	CAPACITY CHART IN CU M PER HR considering 100%filling					
			RPM	26	24	22	20	18
SH750	750x750	7.5	-	-	-	420	360	300
SH600	600x600	5.5	-	-	-	280	240	200
SH500	500x500	4	-	-	120	105	90	75
SH400	400x400	3.0	-	-	80	70	60	50
SH300	300x300	1.5	50	45	40	35	30	25
SH200	200x200	0.75	20	18	16	14	12	10

Note: The Capacity is relative to physical characteristics and type of feeding, feeding sizes (shive analysis), composition and Linear velocity of Rotor. We have considered bulk density 1.6 Ton/ Cu M and medium hard rock for initial calculation purpose. Guaranteed capacity will be confirmed on the basis physical property of material on the basis of Laboratory test report.



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