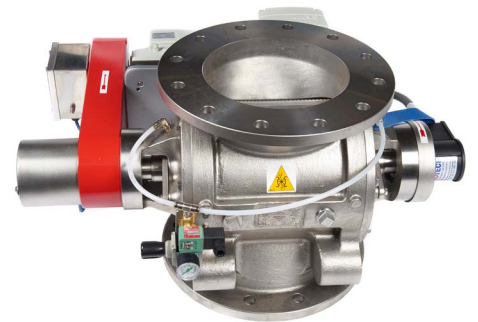


HDM/BSM HEAVY DUTY ROTARY VALVES

Rotary valves are a common product in many powder handling applications. Gericke RotaVal products combine the expertise from a dedicated valve manufacturer with the global experience from many successful installations.

+ Your Advantages

- Available in fall-through (HDM) or blowing seal (BSM) execution
- Robust construction
- Valve housings are individually pressure tested for 10 Barg explosion and flame containment requirements



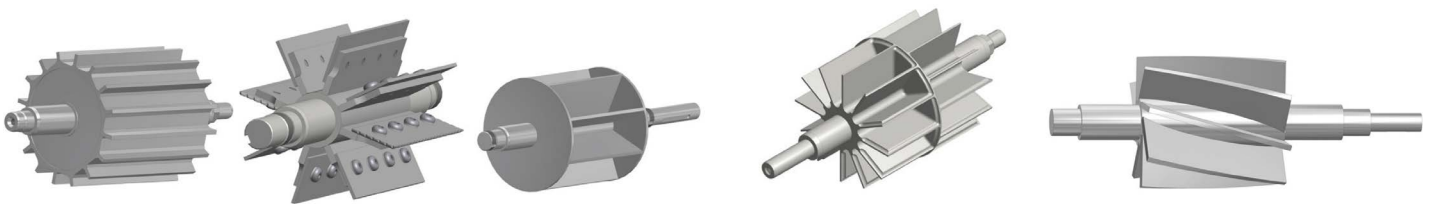
Coatings

In addition to standard stainless steel and cast iron construction special product contact surface coatings are available such as Chrome, Tungsten Carbide, Xylan and Plasma Nitride.



Rotor Designs

Difficult products to handle? Benefit from our experience in special rotor designs to give you the best solution.



Technical Data

Sizes	150 – 400 mm
Throughput	Up to 50 m ³ /h
Flanges	Round, others on request
Construction	Cast iron, stainless steel and nickel alloys
Drive	Chain or direct drive
Finishes	Polished, wear-resistant hard chrome or tungsten carbide, non stick PTFE
ATEX	Full range of dust and gas zones – 10 bar(g) fully autonomous versions



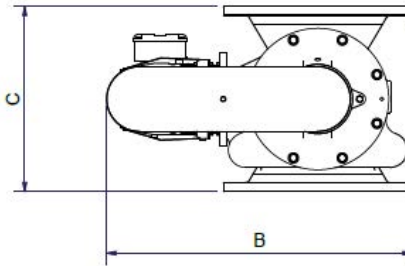
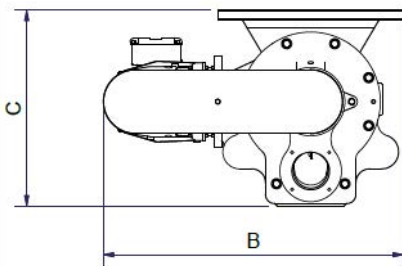
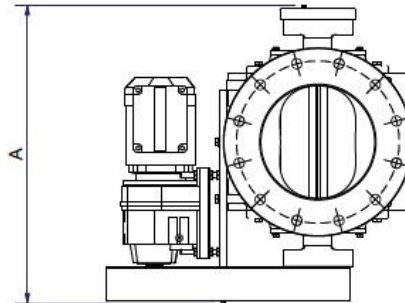
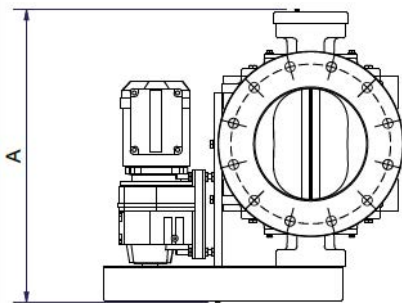
Dimensions and Weights

BSM - Dimensions / mm (Approximate)

Valve	A	B	C	Capacity m ³ /hr/rpm	Weight (Kg)	Pipe Size (mm) Outer Diameter	Pipe Size (mm) Inner Diameter
BSM 150	504	517	315	0.14	105	63.5	57
BSM 200	559	586	365	0.35	135	76.2	69.7
BSM 250	642	657	429	0.68	210	88.9	82.4
BSM 300	702	751	476	1.21	255	101.6	95.1
BSM 350	798	839	557	1.88	400	127	120.5
BSM 400	848	871	616	2.85	465	152.4	145.9

HDM - Dimensions / mm (Approximate)

Valve	A	B	C	Capacity m ³ /hr/rpm	Weight (Kg)
HDM 150	504	517	280	0.14	100
HDM 200	559	586	325	0.35	130
HDM 250	642	657	400	0.68	205
HDM 300	702	751	460	1.21	250
HDM 350	798	839	530	1.88	390



BSM CHAIN DRIVE

HDM CHAIN DRIVE

Other drive arrangements are available – contact Gericke RotaVal for details.