

# HDMF/BSMF FAST CLEAN ROTARY VALVES

The industry standard in extractable valves: often copied, never matched! HDMF Rotary and BSMF Blowing seal fast clean valves provide users with increased productivity, realizing minimal down time for frequent inspection or cleaning of the valve internals.

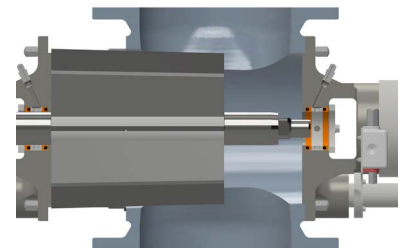


## Your Advantages

- Full access to all parts and surfaces for cleaning and inspection
- Once extracted from the valve housing the rotor can be rotated for cleaning
- Bearings can be replaced whilst the valve remains in situ
- Horizontal rail design with a support tray to assist with rotor removal
- With options, both end covers can be removed for full access to the valve internals
- Valve housings are individually pressure tested for 10 Bar (g) explosion and flame containment requirements

## Tapered Bore

To prevent potential metal contamination our unique tapered bore with matching rotor design and guide rails provide scratch and damage free rotor extraction and insertion.



## Rotor Alignment

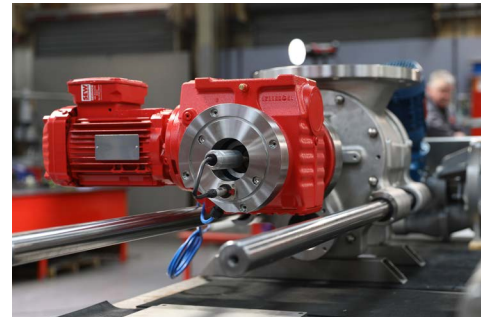
The patented Rota-align locking system provides for repeatable rotor positioning significantly reducing maintenance turnaround times.



## RotaSafe

### Instant Contact Detection to Protect Your Process

The rotor protection system RotaSafe is designed to instantly detect any contact between the rotor and valve housing while at the same time sending a signal to the panel to isolate power to the drive motor. It will primarily be of interest to customers where product contamination due to metal to metal contact is a significant issue.



### A truly sophisticated design

Our rotary valves combine outstanding quality, reliability in operation, easy cleaning and unrivalled accessibility for inspection and service.



### External Wash in Place

This option allows pressure wash cleaning of the exterior surfaces of rotary valves in demanding services and environments, preventing water contamination of interior components.



### Fit for your industry

Our solutions are designed to meet all requirements for use in hazardous areas and hygienic applications.

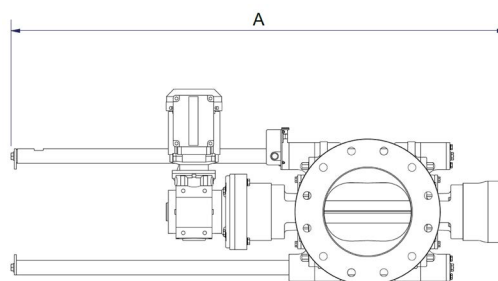
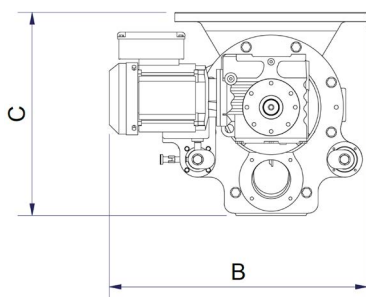


### Technical Data

Sizes	150 – 400 mm
Throughput	Up to 60 m <sup>3</sup> /h
Flanges	Round, others on request
Construction	Cast iron, stainless steel and nickel alloys
Drive	Direct drive as standard with chain drive optional
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

## BSMF - Blowing Seal Rotary Valve

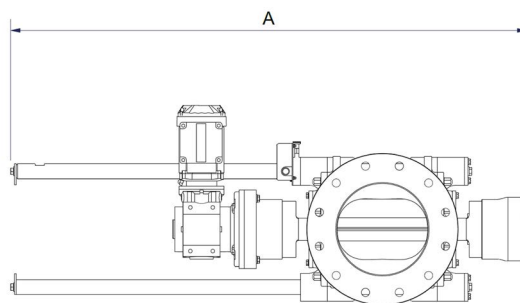
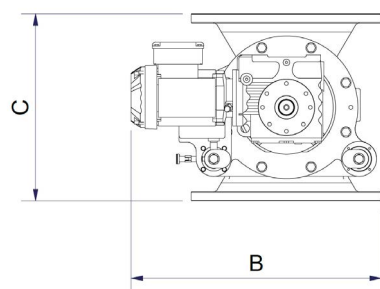
VALVE	A (BSMF-I)	A (BSMF-II)	B	C	CAPACITY m <sup>3</sup> /hr/rpm	WEIGHT (Kg)	PIPE SIZE (mm) Outer Diameter	PIPE SIZE (mm) Inner Diameter
BSMF 150	1081	1231	440	315	0.14	125	63.5	57
BSMF 200	1172	1372	490	365	0.35	165	76.2	69.7
BSMF 250	1382	1532	590	429	0.68	275	88.9	82.4
BSMF 300	1482	1632	650	476	1.21	325	101.6	95.1
BSMF 350	1637	1837	700	557	1.88	520	127	120.5
BSMF 400	1737	1937	760	616	2.85	590	152.4	145.9



## HDMF – Fall Through Rotary Valve

VALVE	A (HDMF-I)	A (HDMF-II)	B	C	CAPACITY m <sup>3</sup> /hr/rpm	WEIGHT (Kg)
HDMF 150	1081	1231	440	280	0.14	115
HDMF 200	1172	1372	490	325	0.35	155
HDMF 250	1382	1532	590	400	0.68	265
HDMF 300	1482	1632	650	460	1.21	320
HDMF 350	1637	1837	700	530	1.88	505
HDMF 400	1737	1937	760	590	2.85	575

(xxxx-I): Single ended opening  
(xxxx-II): Double ended opening



All dimensions in mm.

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