

VBM ROTARY VALVES



VBM rotary valves are designed for gravity-fed dosing applications under filters or cyclones. The closed rotor ensures gentle handling of the medium. They can be installed in series on a frame with drive shaft couplings and equipped with a special inspection pipe featuring a quick-release system of the glass. Maximum differential pressure: 0.25 bar.

CHARACTERISTICS

- Standard color RAL 9001
- Many closed rotor varieties
- Indirect or direct drive
- Standard with cast iron housing and covers
- Possibility to align different sizes on a frame using drive shaft couplings.*
- Available with inspection pipe (galvanized or stainless steel) featuring a quick-release inspection glass system, captive screws and upper connection interface (see figure 1).
- Material compatibility for food contact in compliance with EC Regulation n° 1935/2004 available on request

- ATEX version CAT II 1/**D Ex h IIIC T135°C possible (**2 of 3) for use in ATEX zone 21 or 22

TECHNICAL INFORMATION

Type	230	270	300*
Volume capacity (liters/rev. at 100% filling ratio)	5	8	15
Rotorblades	8	8	8
Max. differential pressure	0,25 bar		
Standard working temperature (heat resistant types till 220 °C)	-15 up to 60 °C		

ROTOR VARIETIES

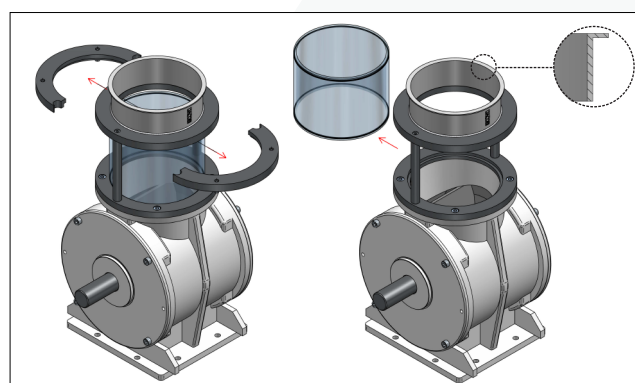


figure 1

Rotor types closed on sides		
A	B	D**
Straight blades standard	Straight blades, with chamfered tips on top	Straight blades with exchangeable rotortips

* The size 300 can be installed in-line with other sizes by lowering the frame structure

** Exchangeable blades in hardened c72 steel, stainless steel or Vulkollan



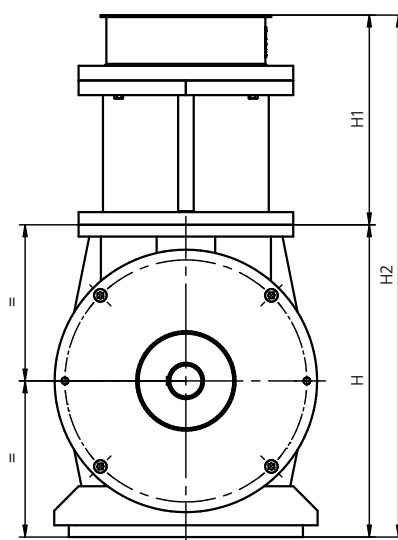
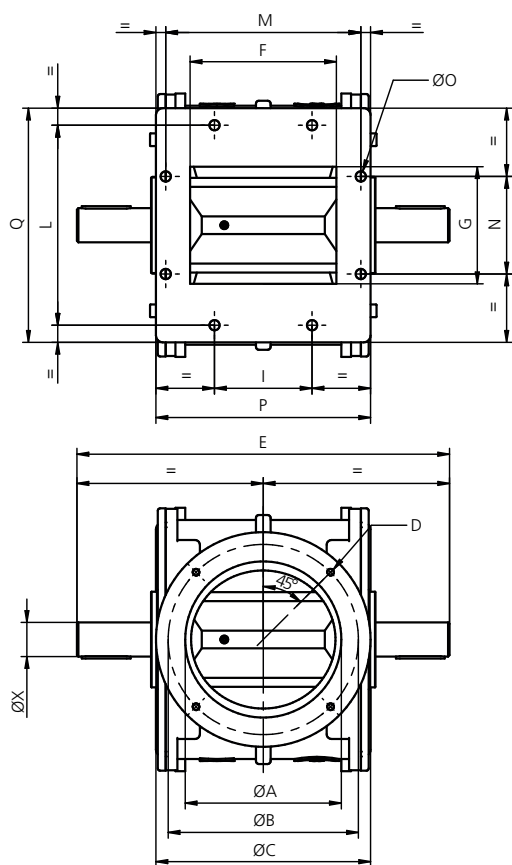
This valve is not available as flameproof version. Please note our RS, ExR, HT and HT-S rotary valves for flameproof versions.

MEASUREMENTS, RPM AND WEIGHT

Measurements (mm)										
Type	ØA	ØB	ØC	D	E*	H	H1*	H2	F	G
VBM230	160	195	220	4xM8	382	320	215	535	150	120
VBM270	160	195	220	4xM8	428	320	215	535	195	150
VBM300	220	260	300	4xM12	600	382	215	597	266	218

Measurements (mm)									RPM	Weight (kg)*
Type	I	L	M	N	ØO	P	Q	ØX		
VBM230	100	205	220	100	8x11	245	240	35	max 32	50
VBM270	120	210	290	175	8x11	315	240	35	max 32	72
VBM300	330	270	===	===	4x14	372	310	35	max 32	95

* This dimensions can be customized according to specific requirements.



More information on
our other valves can be
found in our
catalogue
Rotary valves

OPTIONS AND ACCESSORIES



Housing treatments



Rotor treatments



Revolution control

Others:

- Nickel plating
- Teflon coating
- Polishing (SS only)

Productsheets **VBM rotary valve:**

Check **vdlocco.com**
Mail **info@vdlocco.com**