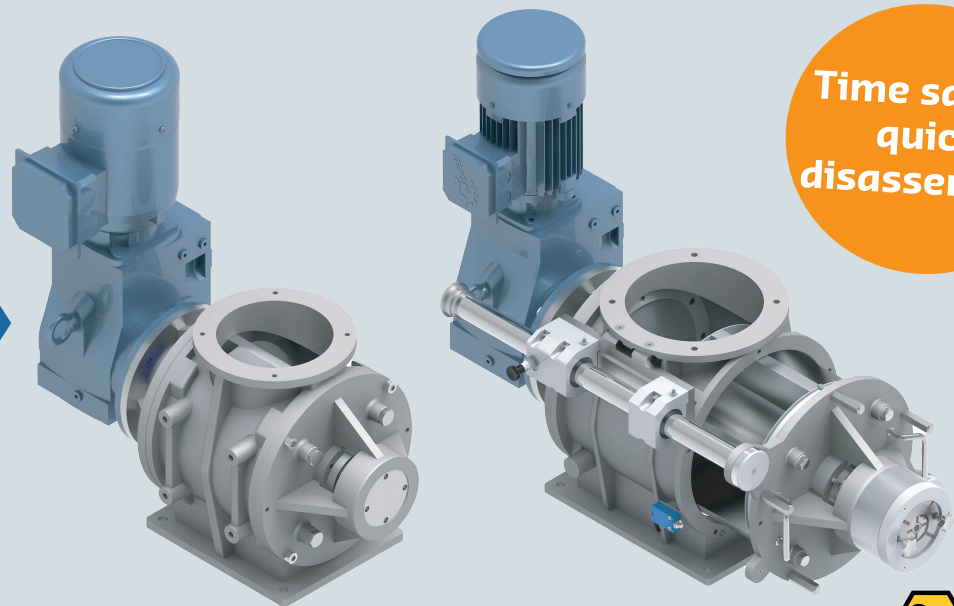




Time saving
quick
disassembly



VPR-BH ROTARY VALVES



The drop-through rotary valve "VPR-BH" is a capsulism designed for dosing powdered products under vacuum conditions, especially in pasta production plants. The body is made of nickel-plated cast iron, while the rotor is made of stainless steel, either polished or with Teflon treatment. The valve is available in a standard version or with an easy-clean system that uses side guides to allow the rotor to be removed and the internal parts to be thoroughly cleaned.

PROPERTIES

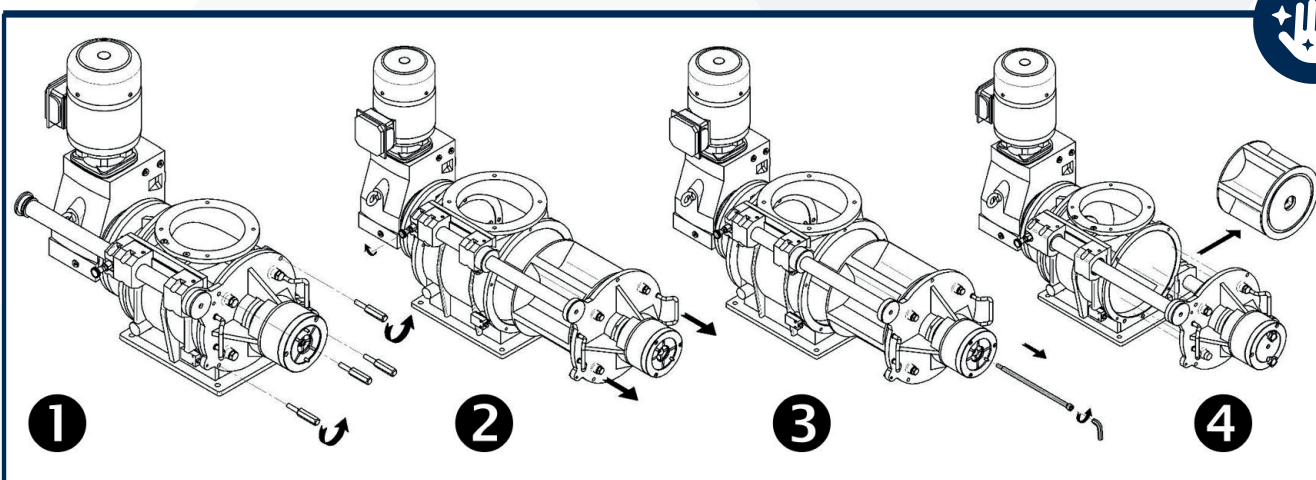
- External maintenance-free ball bearings
- Gland packings
- Can be used with negative differential pressures up to approx. -0,8 bar
- Minimal air leakage
- The valve is equipped with high-torque direct drive gearmotor.
- Body and covers in nickel-plated cast iron
- Polished stainless steel rotor
- Optional non-stick rotor coating
- High filling ratio
- Easy Clean version with side guides, captive screws, and complete removal of the rotor

- 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	180	230	270	300	350
Volume capacity (litres per revolution at a fill of 100%)	2	4,5	7,5	11,5	21
Number of rotor blades (standard configuration)	5	5	5	6	7
Max. differential pressure	- 0,8 bar				
Operating temperature	-15 up to 220 °C				

QUICK-RELEASE SYSTEM

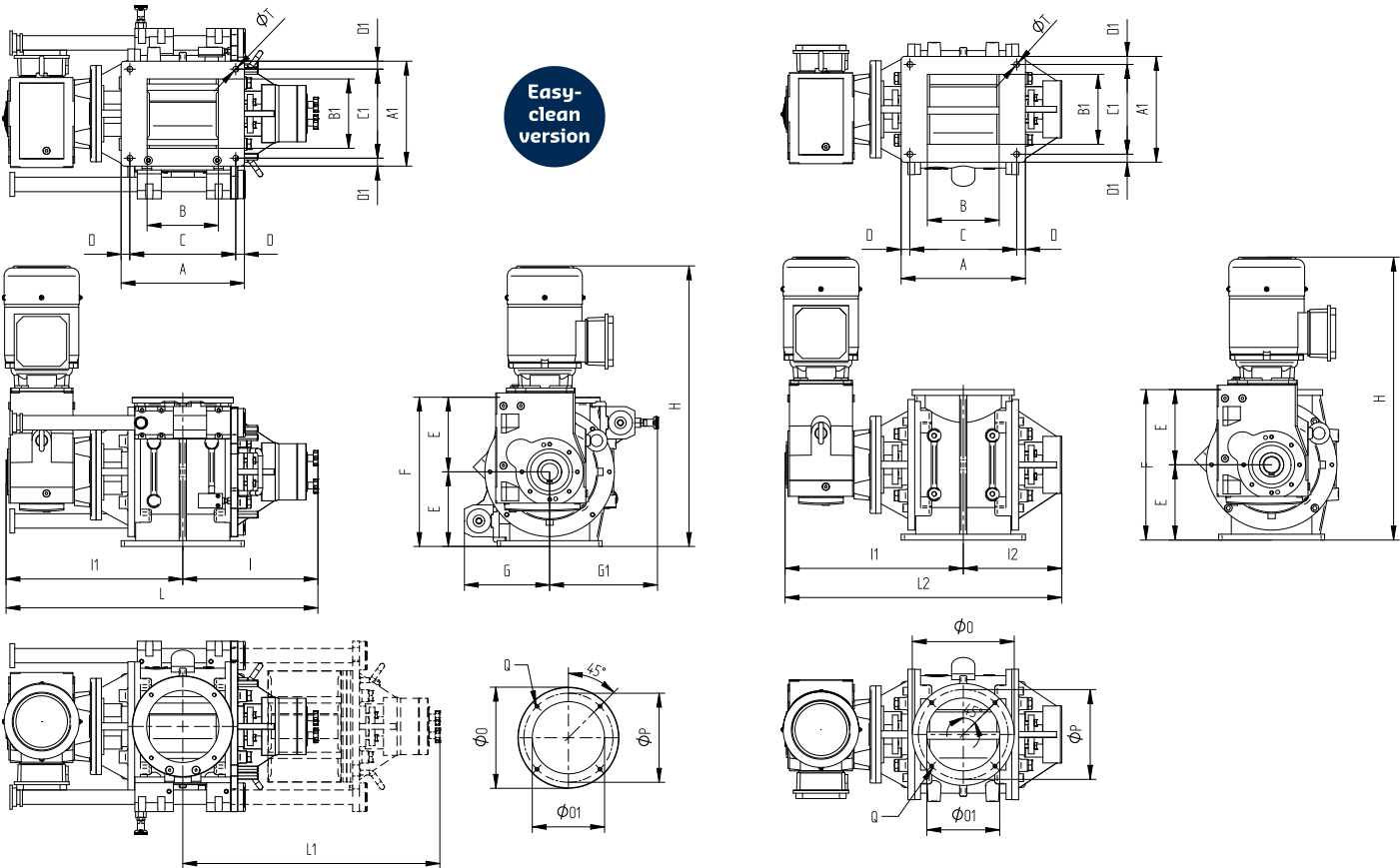


DIMENSIONS

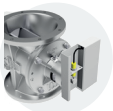
Measurements (mm)													
Type	A	A1	B	B1	C	C1	D	D1	E	F	G	G1	H*
VPR180-BH	210	188	118	120	180	160	15	14	122,5	245	168	217	554
VPR230-BH	256	218	148	144	220	185	18	16,5	155	310	177	224	585
VPR270-BH	340	258	196	180	290	220	25	19	170	340	217	266	661
VPR300-BH	372	310	244	218	330	270	21	20	191	382	245	290	682
VPR350-BH	470	360	306	250	210	320	25	20	235	470	275	324	770

Measurements (mm)													
Type	I	I1*	I2	L*	L1	L2*	ØO	ØO1	ØP	Q	holes nr.	ØT	holes nr.
VPR180-BH	270	355	188	625	485	543	180	120	150	M8	4	10	4
VPR230-BH	280	370	203	650	535	570	210	150	185	M8	4	12	4
VPR270-BH	355	453	257	808	660	710	250	180	220	M10	4	13	4
VPR300-BH	372	498	269	870	720	767	300	220	260	M12	4	14	4
VPR350-BH	417	661	314	1078	873	975	385	300	350	M12	6	14	6

* These dimensions may vary depending on gearmotor type and the mounting position



OPTIONS AND ACCESSORIES



Speed monitoring