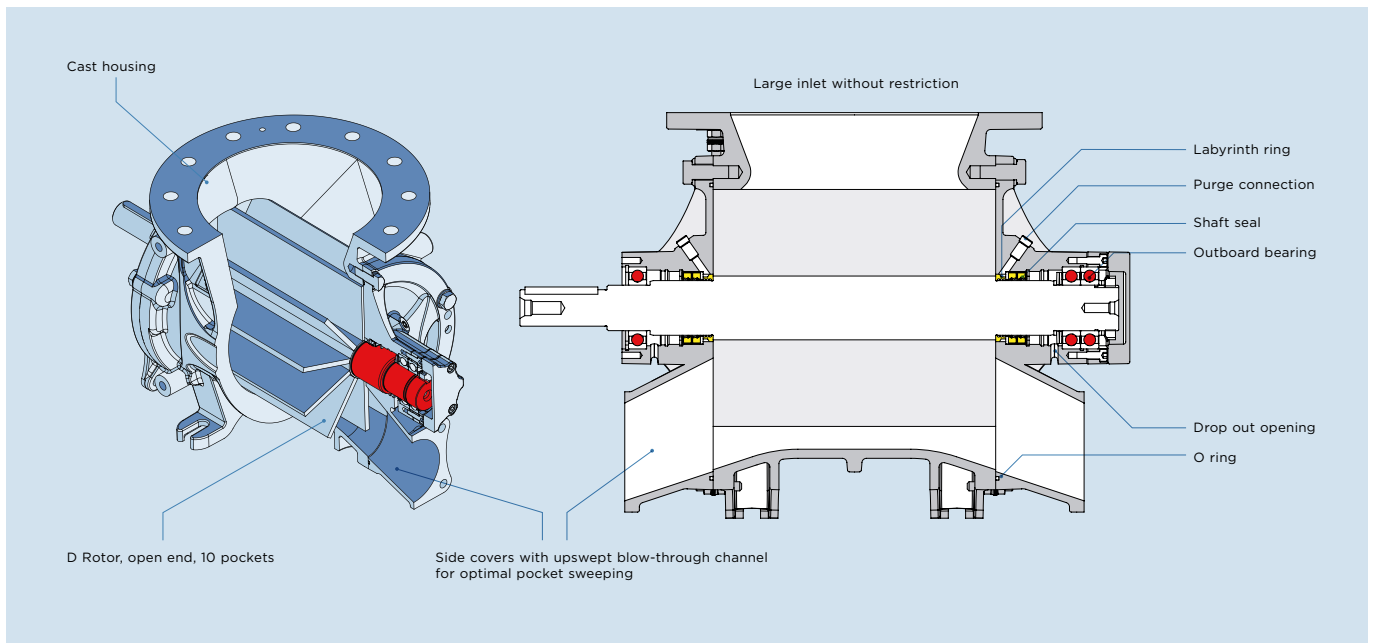


# Rotary Valve ZXD



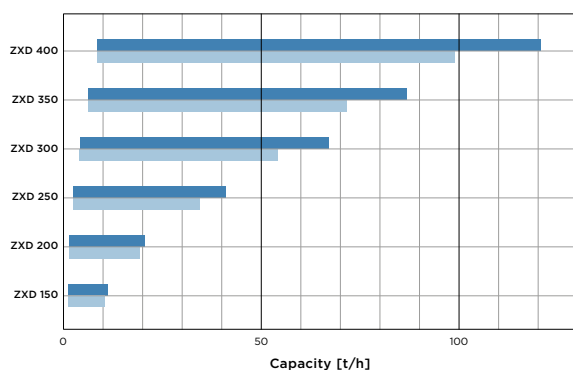
## BLOW-THROUGH VALVE FOR POWDERS

- \_ Large inlet for high capacities
- \_ For feeding bulk materials into pneumatic conveying systems at up to 1.5 barg (21 psi)
- \_ Operation possible without leakage gas venting



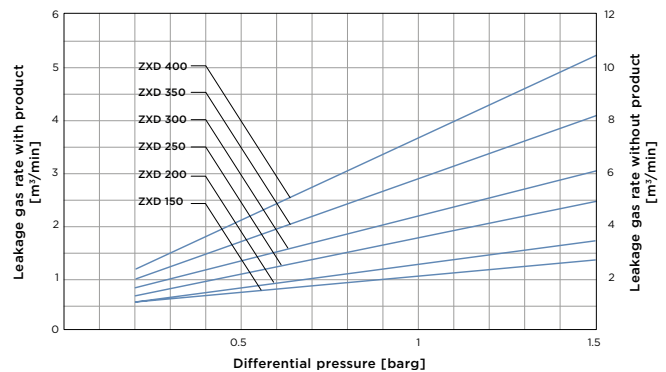
### Performance diagram

- Powder with bulk density 1000 kg/m<sup>3</sup> and 0.3 mm < d<sub>50</sub> < 0.6 mm, Δp = 0,8 barg
- Powder with bulk density 1000 kg/m<sup>3</sup> and 0.075 mm < d<sub>50</sub> < 0.15 mm, Δp = 0,8 barg



### Leakage gas diagram

(New, standard clearance 60 °C, max. speed)

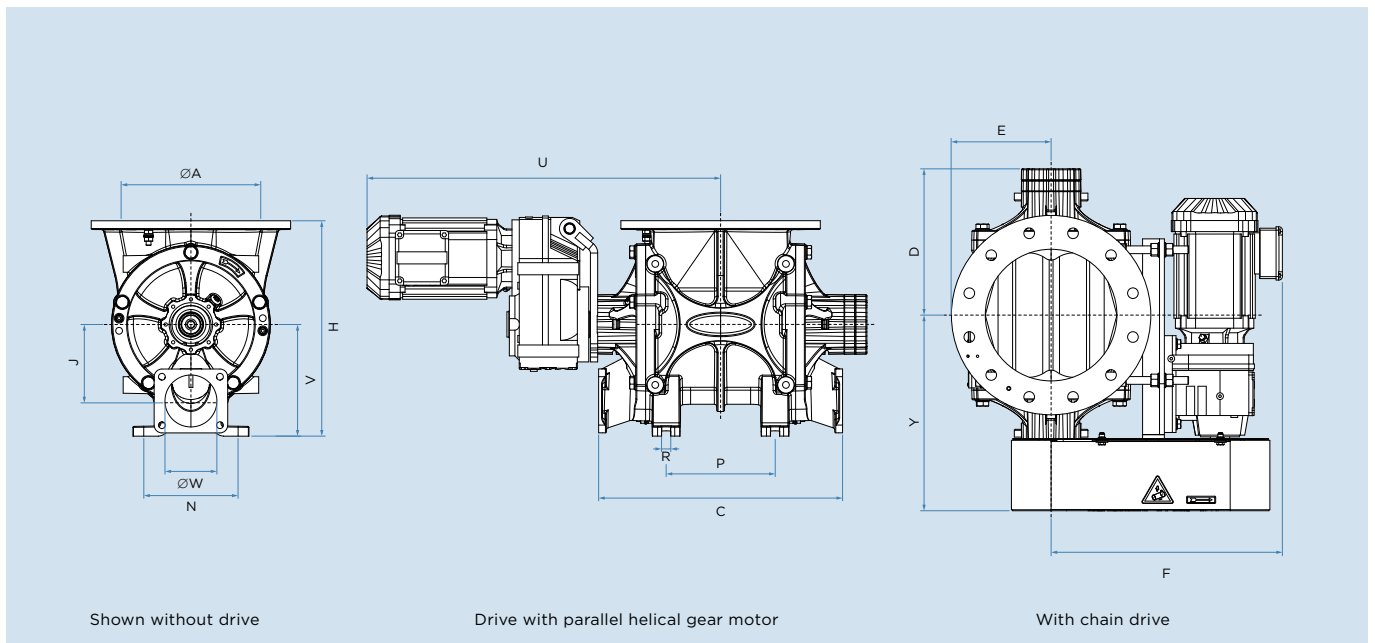


ROTARY VALVE FOR POWDERS | ZXD

**MAX. PRESSURE** 1.5 barg (21 psi) system and differential pressure  
**PRESSURE SURGE PROOF** 10 barg (145 psi), due to heavy duty design  
**ATEX (OPTIONAL)** Usable in ex-zones and as protection system (Flameproof for dust ST2)  
**LARGE INLET** Without restriction of the cross section for highest capacities  
**OUTBOARD BEARINGS** Separated from product by purged seal arrangement and drop out opening  
**BLOW-THROUGH CHANNEL** Optimal pocket sweeping at low pressure drop

**OPTIONS AND ACCESSORIES**

- \_ Quick cleaning coupling with extraction device
- \_ Chamfered blades
- \_ Knife at the product inlet
- \_ Scraper blades
- \_ DUROPROTECT® wear protection, page 36
- \_ Sanitary version



	Inlet*			Blow-through channel			Mounting pattern			Other dimensions						Weight*** (appr. kg)		
	A (DIN)	A (ASME)	Ø A	Ø W	J <sub>-1</sub> <sup>1</sup>	N	P	R	H <sub>-1</sub> <sup>5</sup>	C <sub>-2</sub> <sup>2</sup>	D	E	F**	Y	V <sub>-1</sub> <sup>5</sup>	U**	AL	SS/GG
ZXD 150	DN 150	6"	168	69	128	112	130	14	350	366	229	142	362	271	181.0	616	70	90
ZXD 200	DN 200	8"	217	82	134	154	180	14	405	420	254	171	426	306	194.0	695	100	135
ZXD 250	DN 250	10"	272	107	158	168	225	18	445	504	302	206	478	367	230.7	756	135	195
ZXD 300	DN 300	12"	322	132	193	220	275	18	560	580	337	241	541	380	287.5	803	210	315
ZXD 350	DN 350	14"	360	160	205	240	330	23	620	660	373	267	593	437	313.0	845	305	485
ZXD 400	DN 400	16"	410	184	212	310	372	23	715	600	403	299	724	485	375.0	875	405	675

Dimensions in mm

\* Drilled according to DIN PN 10 or the corresponding ASME standard.

\*\* Dimensions may vary according to drive.

\*\*\* With drive.