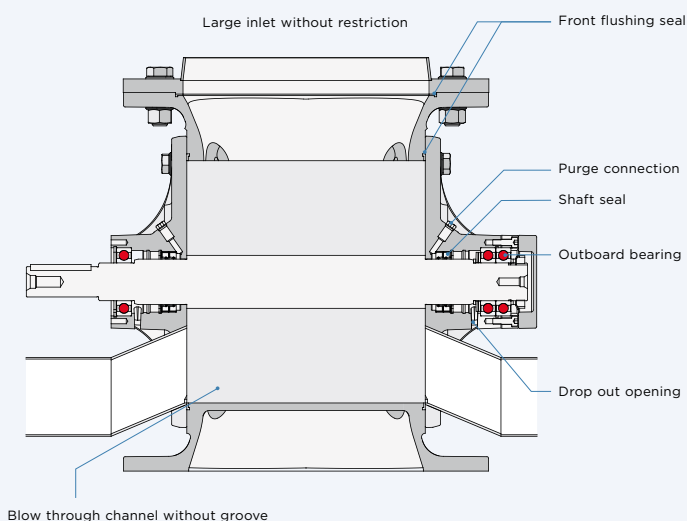
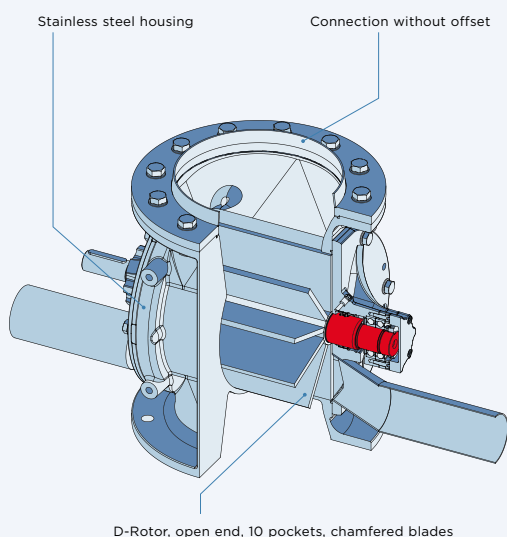


Rotary Valve ZFD



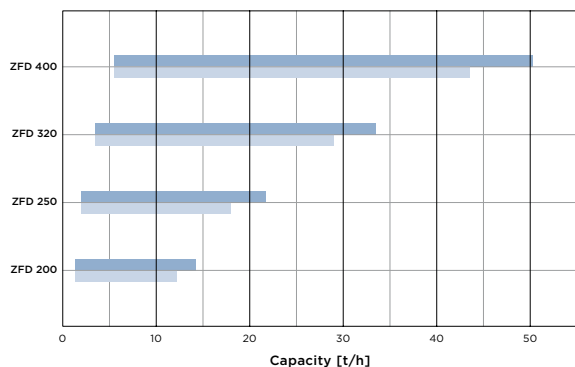
BLOW-THROUGH VALVE IN CIP EXECUTION

- _ EHEDG certified, for automatic wet cleaning without opening the valve (CIP)
- _ Smooth transitions and polished surfaces Ra 0.8 μm to minimize product deposits
- _ Front flushing seals at inlet/outlet and between side cover and housing
(patented gap-free design, FDA conform)



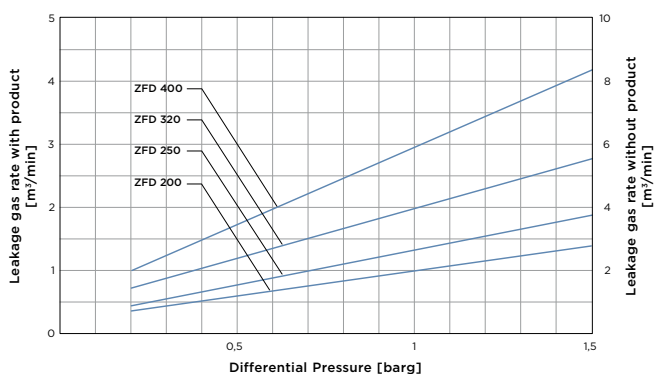
Performance diagram

- Powder with bulk density 1000 kg/m³ and 0.3 mm < d₅₀ < 0.6 mm, $\Delta p = 0.8$ barg
- Powder with bulk density 1000 kg/m³ and 0.075 mm < d₅₀ < 0.15 mm, $\Delta p = 0.8$ barg



Leakage gas diagram

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



ROTARY VALVE FOR POWDERS | ZFD

PRESSURE RANGE **PRESSURE SURGE PROOF** **ATEX (OPTIONAL)**

1.5 barg (21 psi) system and differential pressure
10 barg (145 psi), due to heavy duty design
Usable in Ex-Zones and as protection system
(flameproof for dust ST2)

LARGE INLET

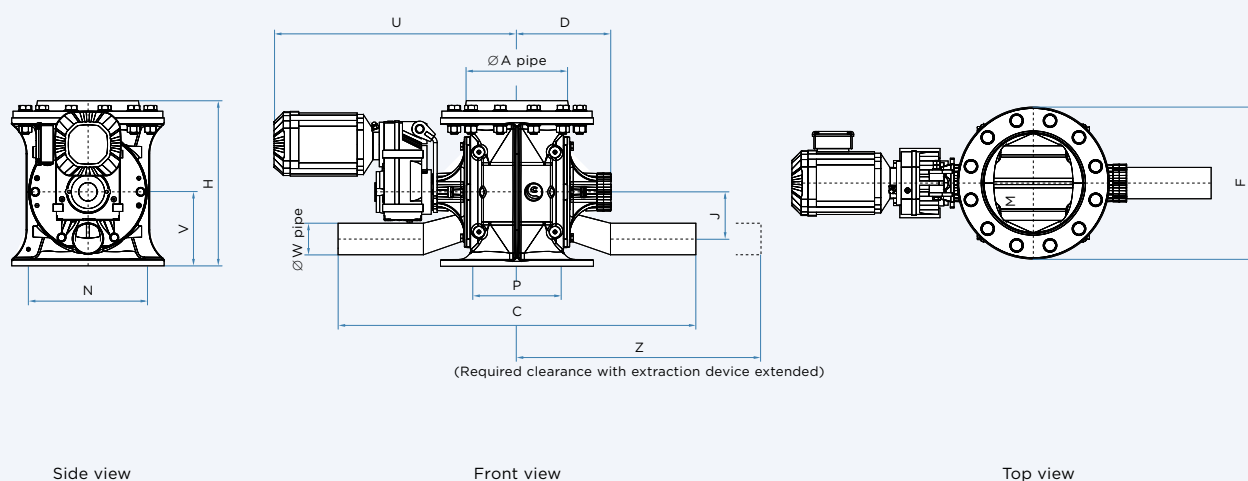
Without restriction of the cross section for
highest capacities

OUTBOARD BEARINGS

Separated from product by purged seal arrangement
and drop out opening

OPTIONS AND ACCESSORIES

- _ Quick cleaning coupling with extraction device
- _ Conveying line adaptors acc. DIN 11864



	Inlet*			Blow-through channel		Mounting pattern			Other dimensions							Weight*** appr. kg
	A (DIN)	A (ANSI)	Ø A pipe	Ø W pipe	J	N	P	Qty. x Ø	H ₁ ^S	C	D	F	U**	V ₁ ³	Z	
ZFD 200	ND 200	8"	225.1 x 3.0	66 x 2.0	118.1	272.5	112.9	4 x Ø 22	386	937	234.5	341	673.5	170	995	73
ZFD 250	ND 250	10"	279.0 x 3.0	81 x 2.0	126.5	247.5	247.5	4 x Ø 22	446	964	253.0	412	715.0	200	1015	129
ZFD 320	ND 300	12"	329.9 x 3.0	100 x 2.0	152.0	243.8	348.1	4 x Ø 22	546	1015	304.5	483	864.0	250	1161	218
ZFD 400	ND 350	14"	361.6 x 3.0	125 x 2.0	168.5	263.9	376.8	4 x Ø 22	653	1320	352.0	533	930.0	300	1581	380

Dimensions in mm

* Drilled according to DIN PN 10

** Dimensions may vary depending on installed drive

*** Without drive