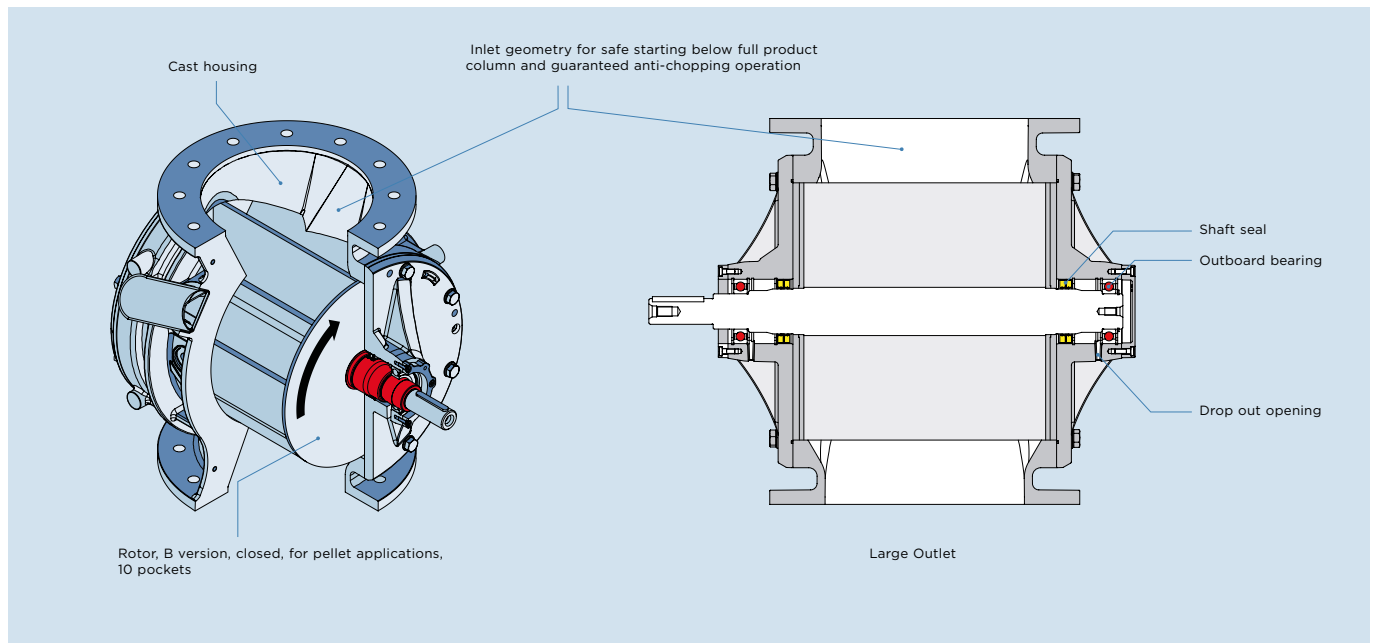


Rotary Valve ZVB



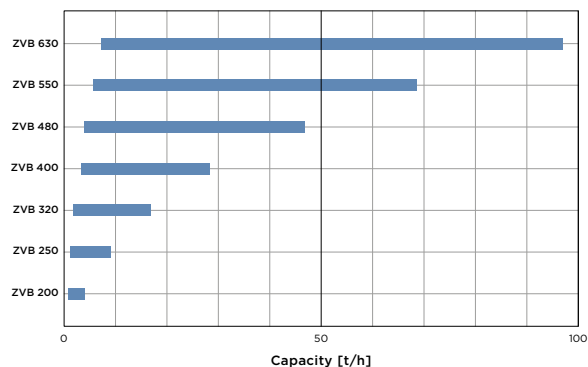
DISCHARGING VALVE FOR GRANULAR PRODUCTS

- Ideal coordination of rotor volume and inlet cross section creates maximum capacity
- With special inlet geometry for gentle product handling
- With feeding shoe also suitable for feeding bulk materials into pneumatic conveying systems at up to 1.5 barg (21 psi)



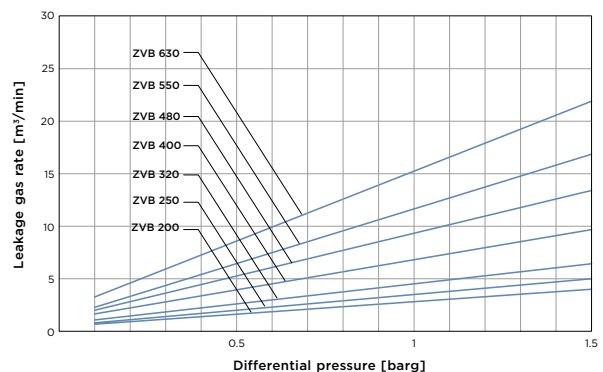
Performance diagram

PE/PP pellets with bulk density 520 kg/m³ and 3.0 mm particle size, $\Delta p = 0.8$ barg



Leakage gas diagram

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

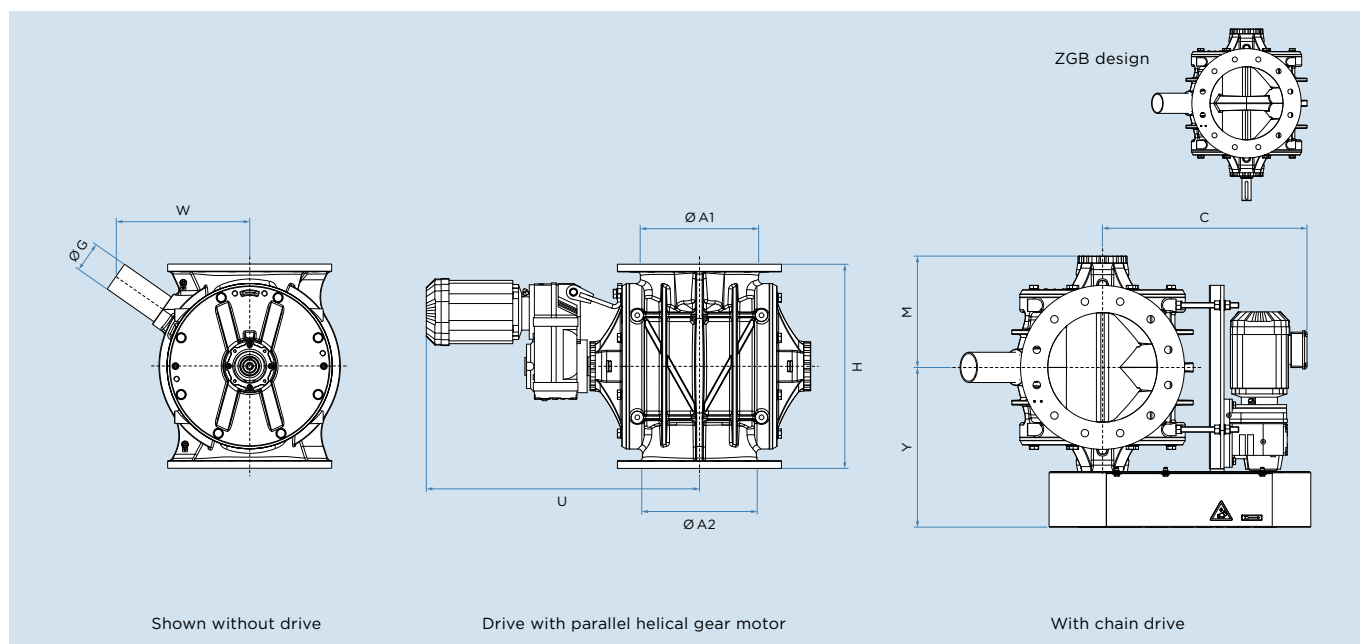


ROTARY VALVE FOR PELLETS | ZVB

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
PELLET INLET	Special inlet geometry for gentle operation at full product column
CAPACITY	High throughputs by venting internal gas leakage prior to filling rotor pockets

OPTIONS AND ACCESSORIES

- _ Rotor with shallow pockets
- _ ZGB version (pellet deflection)
- _ DUROPROTECT* wear protection, page 36
- _ High-temperature design (T) up to 250 °C



	Inlet*/Outlet*				Other dimensions							Weight*** (appr. kg)	
	A1/A2 (DIN)	A1/A2 (ASME)	Ø A1	Ø A2	H ¹⁵ ₋₁	C**	Y**	W	M**	U**	Ø G	AL	SS
ZVB 200	DN 150	6"	166	155	360	409	328	226	234	622	48.3	80	105
ZVB 250	DN 200	8"	213	207	450	442	347	278	253	695	60.3	105	145
ZVB 320	DN 250	10"	272	259	500	562	417	320	305	759	76.1	160	225
ZVB 400	DN 300	12"	322	310	600	590	474	393	352	818	88.9	255	365
ZVB 480	DN 350	14"	360	337	750	686	553	464	416	958	88.9	410	595
ZVB 550	DN 400	16"	410	387	850	780	605	537	466	988	114.3	565	780
ZVB 630	DN 500	20"	511	487	970	922	637	589	505	1075	114.3	780	1220

Dimensions in mm * Drilled according to DIN PN 10 or the corresponding ASME standard. ** Dimensions do not apply to high temperature design; may vary according to drive.
*** With drive.