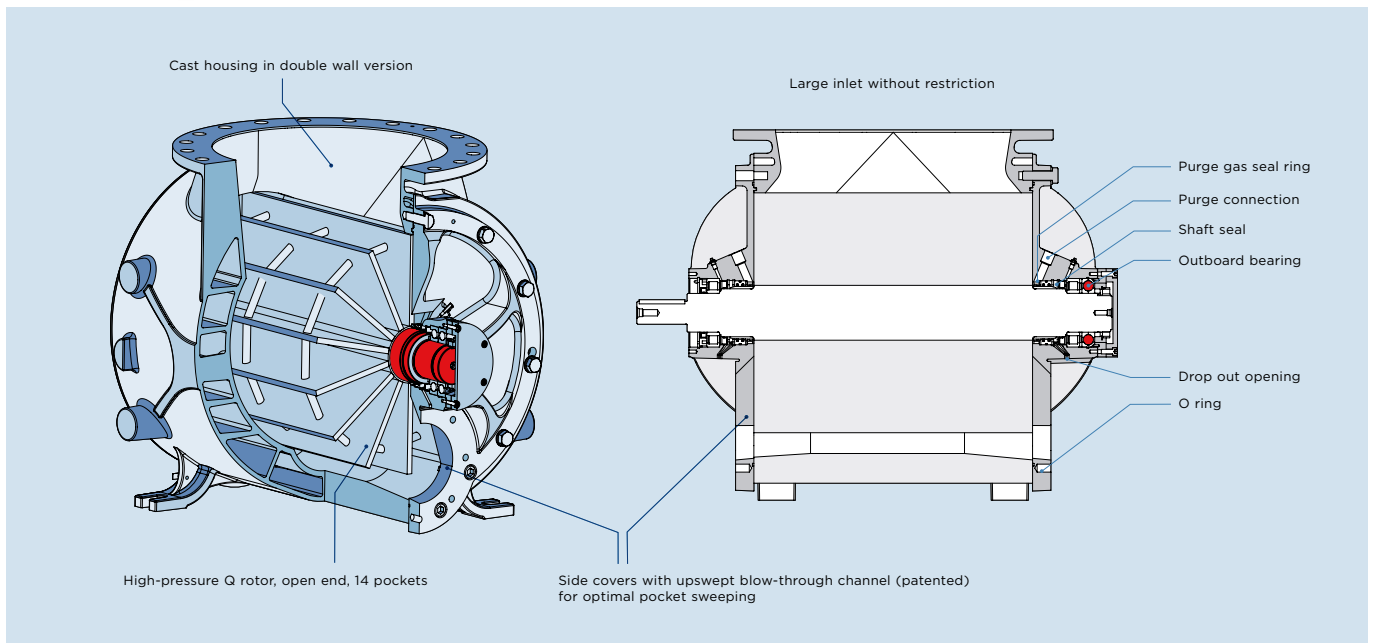


Rotary Valve ZXQ



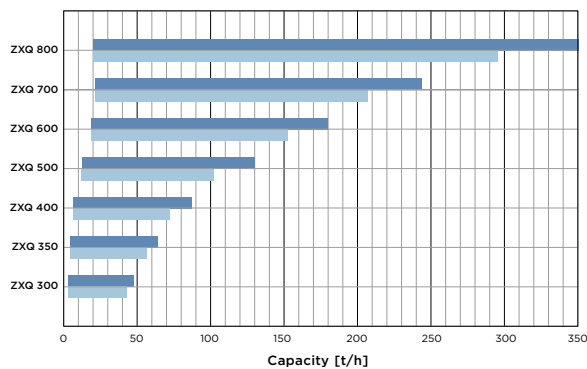
HIGH-PRESSURE BLOW-THROUGH VALVE FOR POWDERS

- _ Highest product capacities due to low leakage gas rates
- _ Specially developed for feeding bulk materials into pneumatic conveying systems at up to 3.5 barg (51 psi)



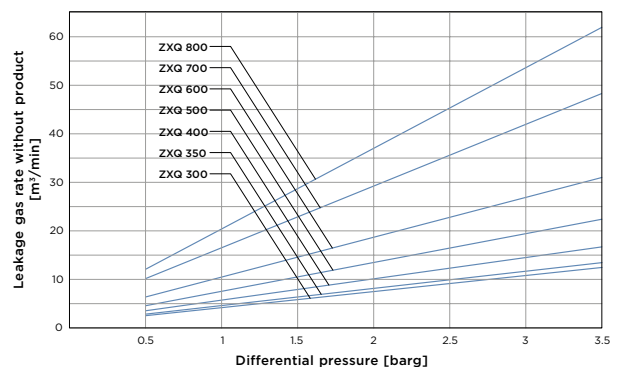
Performance diagram

- Powder with bulk density 1000 kg/m³ and 0.3 mm < d₅₀ < 0.6 mm, Δp = 2 barg
- Powder with bulk density 1000 kg/m³ and 0.075 mm < d₅₀ < 0.15 mm, Δp = 2 barg



Leakage gas diagram

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

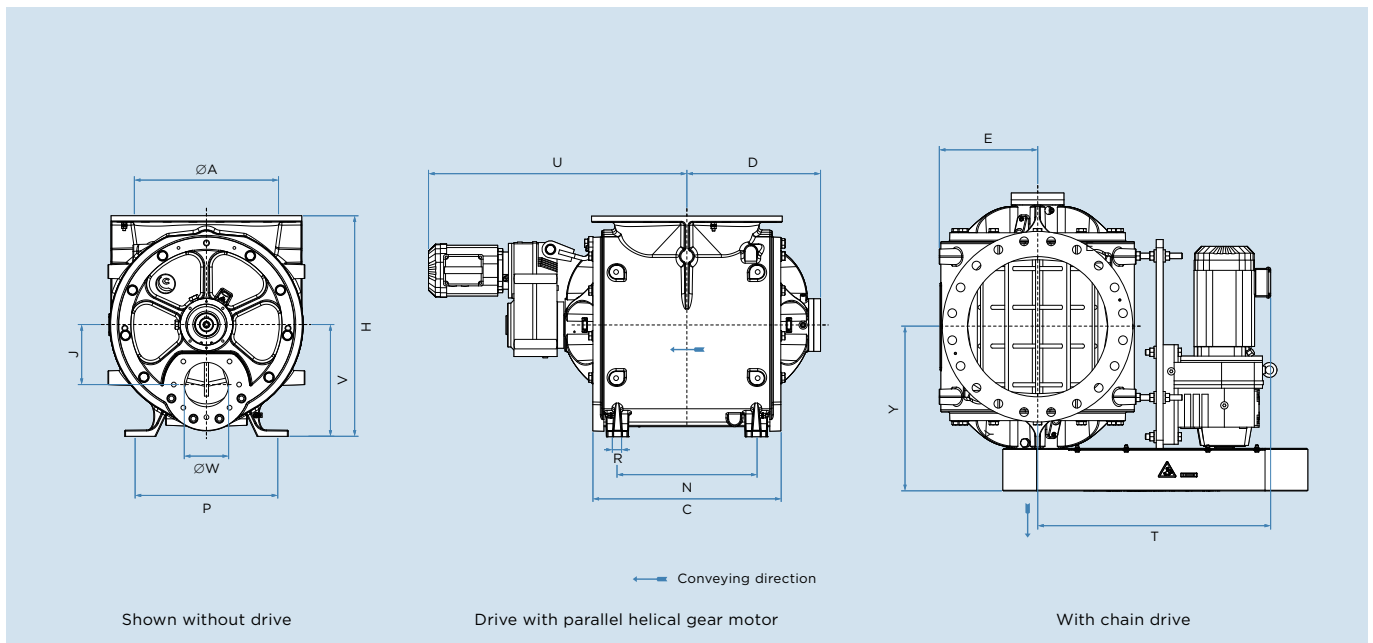


ROTARY VALVE FOR POWDERS | ZXQ

MAX. PRESSURE RANGE	3.5 barg (51 psi) system and differential pressure
PRESSURE SURGE PROOF	10 barg (145 psi) due to heavy duty design
LOW MAINTENANCE	Open-end high-pressure rotor with 14 pockets for low leakage gas rates
LARGE INLET	Without restriction of the cross section for highest capacities
ATEX (OPTIONAL)	Usable in ex-zones and as protection system (Flameproof for dust ST2)
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

- _ Chamfered blades
- _ Heated housing
- _ DUROPROTECT® wear protection, page 36



	Inlet*			Blow-through channel			Mounting pattern			Other dimensions							Weight*** (appr. kg)	
	A (DIN)	A (ASME)	Ø A	Ø W	J ₁ ¹	N	P	R	H ₋₁ ⁷	C ₋₁ ¹¹	D	E	Y	V ₃ ⁴	T**	U**	AL	SS
ZXQ 300	DN 300	12"	318	100	173	220	275	18	560	584	341	217	409	280	554	714	240	335
ZXQ 350	DN 350	14"	360	125	205	240	330	23	620	584	383	240	425	313	600	847	310	560
ZXQ 400	DN 400	16"	410	150	198	310	372	23	715	600	416	287	487	375	656	877	410	675
ZXQ 500	DN 500	20"	515	175	230	500	510	28	810	690	488	380	604	410	1020	985	765	1035
ZXQ 600	DN 600	24"	610	200	280	654	540	30	955	810	557	455	669	470	1120	1146	1140	1780
ZXQ 700	DN 700	28"	710	250	319	730	670	33	1200	960	709	528	872	580	1300	1355	1890	3030
ZXQ 800	DN 800	32"	815	265	383	840	820	36	1400	1180	808	525	970	700	1330	1622	2775	/

Dimensions in mm

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

** Dimensions may vary according to drive.

*** With drive.