

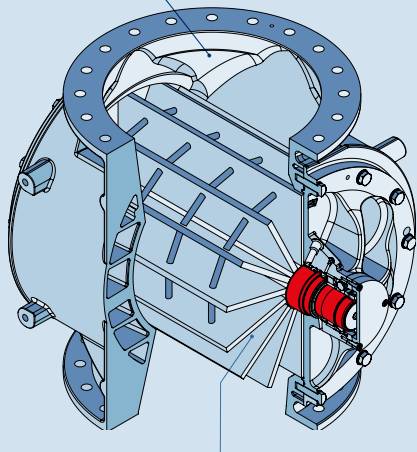
Rotary Valve ZAQ



DISCHARGING VALVE FOR POWDERS

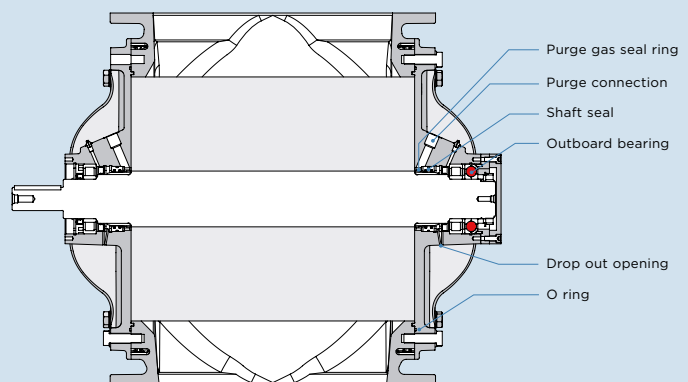
- Highest product capacities due to low leakage gas rates
- Specially developed for feeding bulk materials into pneumatic conveying systems at up to 3.5 barg (51 psi)

Cast housing in double wall version



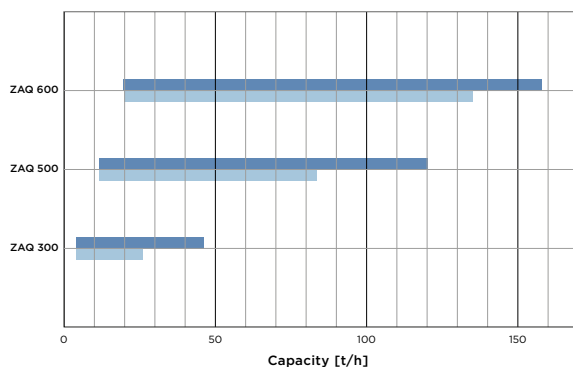
High-pressure Q rotor, open end, 14 pockets

Large inlet without restriction



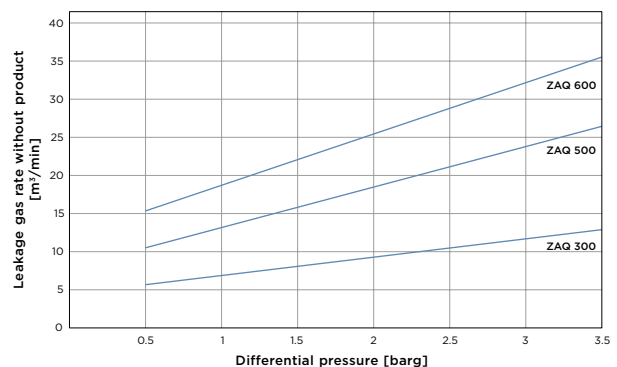
Performance diagram

- 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)

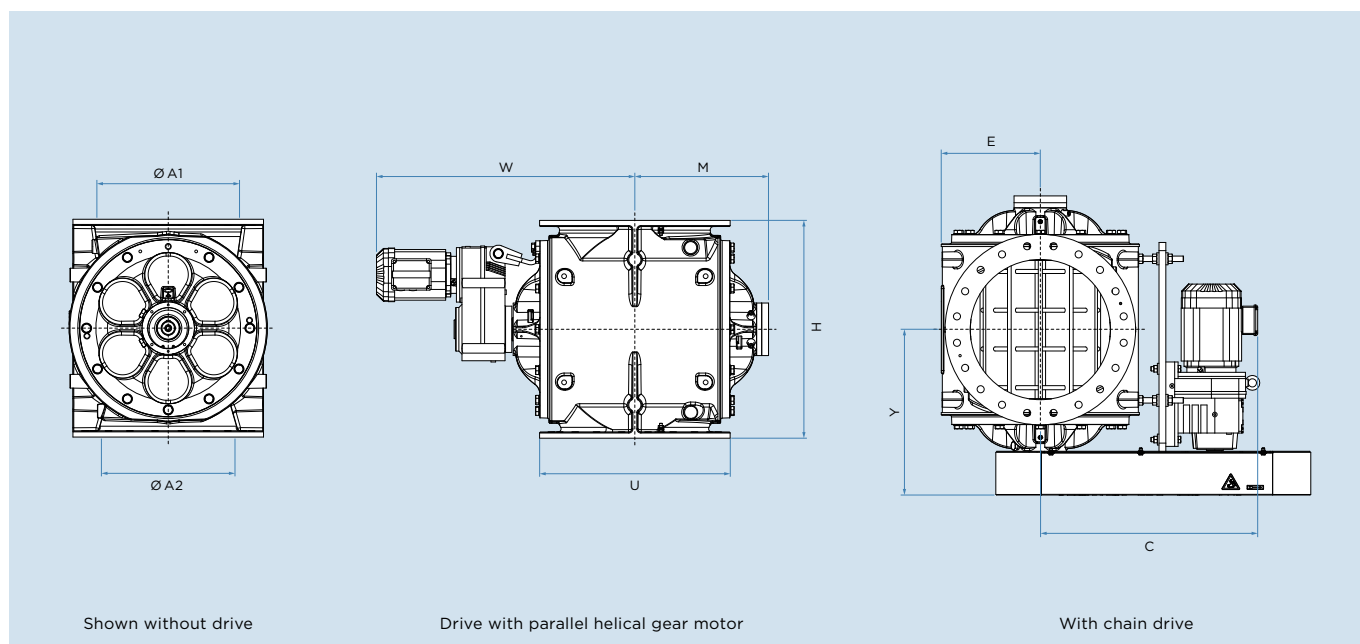


ROTARY VALVE FOR POWDERS | **ZAQ**

MAX. PRESSURE	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
OUTBOARD BEARINGS	Separated from product by purged seal arrangement and drop out opening

OPTIONS AND ACCESSORIES

- _ Chamfered blades
- _ Usable in ex-zones (ATEX)
- _ Heated housing



	Inlet*/Outlet*				Other dimensions							Weight*** (appr. kg)	
	A (DIN)	A (ASME)	Ø A1	Ø A2	H	W**	C**	Y	M	E	U	AL	SS
ZAQ 300	DN 300	12"	316	290	560	985.5	564	408.5	341	227	483	205	335
ZAQ 500	DN 500	20"	610	490	800	947.0	802	608.0	548	362	700	660	1135
ZAQ 600	DN 600	24"	620	590	970	1146.0	994	668.0	585	442	812	990	1730

Dimensions in mm

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

** Dimensions may vary according to drive.

*** With drive.