

VPT DIVERTERS



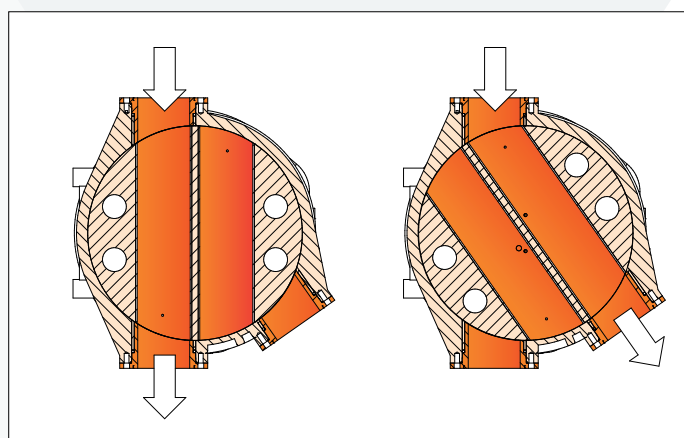
The VPT diverter is a very versatile two-way diverter and is well suited for use in high-pressure hygienic conveying lines of powders and granulates (up to 3.5 bar). The housing of the VPT consists of a rotating drum in aluminium with double steel inner pipe, of which one is used according to its position. This feature reduces wear, ensures long lifespan and optimal product flow. VPT can be delivered in an version with static seals, as well as a version with pneumatic pressed-on seals for high-pressure use. It can be used in overpressure as well as in vacuum situations. Connection with flanges.

CHARACTERISTICS

- Pneumatic operation with actuator
- Double steel inner pipe (stainless steel optional)
- Fast switching due to small (35°) angle of operation
- With (optional) pneumatically controlled seals suited for high working pressures (max. 3.5 bar)
- Vacuum resistant up to max. 0.5 bar
- Also suited for abrasive products
- Product temperature range: -15 °C and +80 °C
- Inside casing in aluminium or optional with parts in contact with the product in SS304/316
- Static or pneumatic seals
- Material compatibility for food contact in compliance with EC Regulation n° 1935/2004 available on request
- ATEX version CAT II 1/**D Ex h IIC T135°C possible (**2 of 3) for use in ATEX zone 21 or 22

TECHNICAL INFORMATION

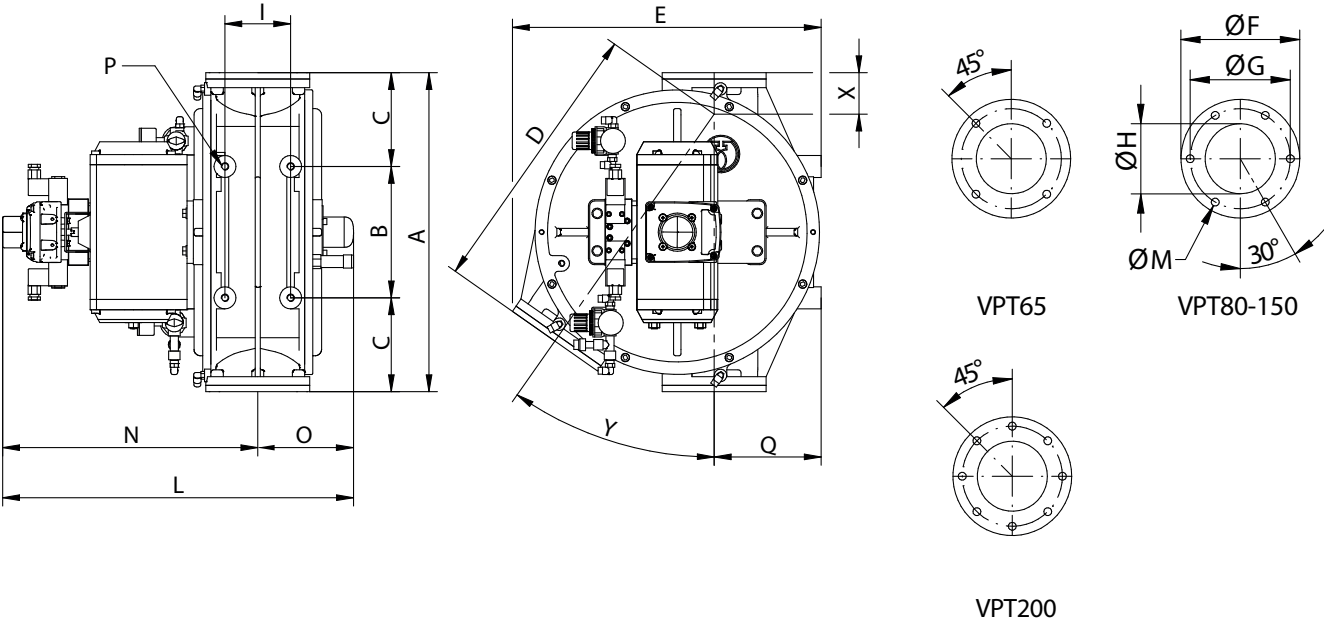
Type	65	80	100	120	150	200
Max. overpressure with static seals	1 bar					
Max. overpressure with pneumatic seals	3.5 bar					
Operating temperature	-15 °C up to 80 °C					



SIZES AND WEIGHT

Type	Sizes (mm)								
	A	B	C	D	E	ØF	ØG	ØH	I
VPT65	378	160	109	321	360	128	105	64	75
VPT80	510	210	150	443	494	166	140	83	105
VPT100	510	210	150	443	494	166	140	98	105
VPT120	615	265	175	540	598	192	165	123	135
VPT150	645	300	172,5	470	590	220	195	148	150
VPT200	865	395	235	625	790	295	265	198	200

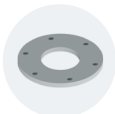
Type	Sizes (mm)								Weight (kg)
	L	ØM	N	O	P	Q	X	Y	
VPT65	472	9	345	127	M10	123	57	35°	30
VPT80	561	11	408	153	M12	171	66	35°	55
VPT100	561	11	408	153	M12	171	66	35°	55
VPT120	601	11	428	173	M14	209.5	75	35°	70
VPT150	620	11	437	183	M14	206.5	202	40°	100
VPT200	760	13	515	245	M16	275	270	40°	--



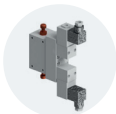
OPTIONS AND ACCESSORIES



Housing treatments



Counter flange



Solenoid valve

More information
on diverter valves can
be found in our
catalogue
Rotary valves