

- Pressure shock resistant up to 10 bar*
- Two channel design
- Minimal maintenance
- Quick clean version available
- Compact form
- User friendly design
- No moving parts on the outside
- Pressure up to 3 bar g with static seals
- Sizes 50-150 up to 6 bar g with inflatable seals
- Versions conforming to ATEX 94/9/EC available



PTD with inflatable seals



PTD with static seals



PTD Plug Type Diverter

The DMN-WESTINGHOUSE PTD plug type diverters have been specially designed to route powders and pellets with minimum degradation in pneumatic conveying systems. The PTD plug type diverter is applied in the chemical, pharmaceutical, plastic, food and other related industries.

A smooth passage of products is guaranteed by precision machining, a good sealing and a complete obstruction free passage.

The user friendly fool proof design enables fast in situ internal examination, cleaning and, if necessary, replacement of seals.

The PTD design conforms to all current legislation regarding safety in the workplace. Consequently there are no moving parts on the outside.

The PTD is available in 7 different pipe sizes: Ø 50, 65, 80, 100, 125, 150 and 200 mm.

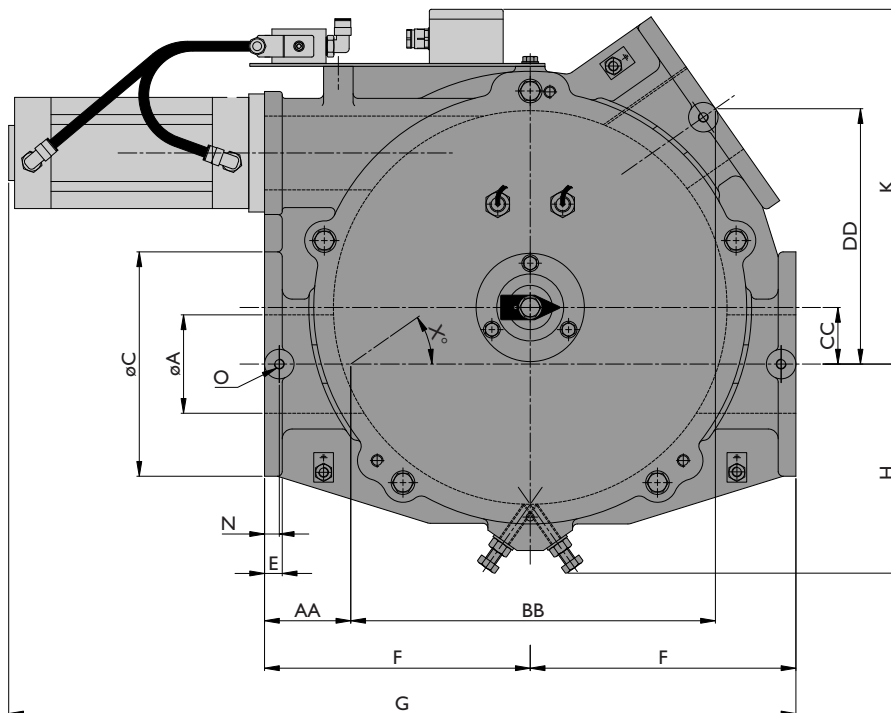
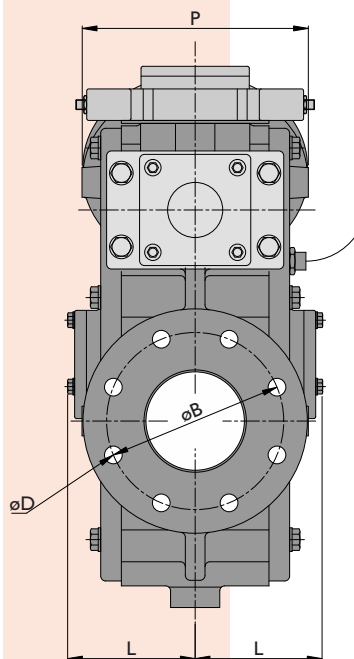
Product information

The PTD plug type diverter consists of an aluminium housing and end covers in which a plug with two pipes is installed. All product contact surfaces are made from stainless steel AISI 316 / DIN 1.4404. Three FDA approved silicone seals guarantee the sealing between housing and plug. The body is pressure tight, so ensuring no leakage to atmosphere. The standard diverter can be used in systems with positive pressures up to 3 bar g (static seals). The sizes 50-150 are optionally available for pressures up to 6 bar g (inflatable seals).

The PTD is supplied with a complete electro pneumatic control system, including solenoids and inductive position sensors.

The standard diverter can be used for product temperatures ranging from -25 °C up to +80 °C at ambient temperatures of -10 °C up to +40 °C. Versions for higher temperatures are available on request.

* Size 200 excluded



DMN-WESTINGHOUSE have been designing and manufacturing rotary valves, diverter valves and other related components for the bulk solids handling industry for more than 30 years. Offering tailor made solutions for chemical, food, plastics and pharmaceutical industries, DMN-WESTINGHOUSE products are distributed worldwide.

Besides an extensive range of standard components, we supply USDA accredited sanitary versions and ATEX approved explosion-proof models.

An extensive network of subsidiaries, distributors and representatives ensures a high level of service and support all over the world.

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	DIN			ANSI																
Type PTD	ØA	ØB	D	ØC	ØB	D	E	F	G	H	K	L	N	O	P	X°	AA	BB	CC	DD
50	50	125	4xØ18	165	120,6	4xØ19	16	205	618	170	268	112	12,5	M10x20	170	33,5	89	268	35,0	177
65	65	145	4xØ18	185	139,7	4xØ19	16	215	678	180	291	117	12,5	M10x20	190	36,7	87	275	42,5	205
80	80	160	8xØ18	200	152,4	4xØ19	18	255	768	195	327	127	15	M10x20	205	36,6	108	322	48,5	240
100	100	180	8xØ18	228	190,5	8xØ19	18	270	813	225	361	130	15	M10x20	230	35,0	88	370	57,5	260
125	125	210	8xØ18	250	215,9	8xØ22,2	20	335	991	265	433	149	17,5	M12x24	255	35,5	116	451	70,0	322
150	150	240	8xØ22	285	241,3	8xØ22,2	20	375	1061	295	480	166	20	M12x24	292	35,8	120	511	82,5	369
200	211	295	8xØ22	343	298,4	8xØ22,2	25	500	1296	380	618	199	25	M12x20	350	34,8	133	712	115,0	495

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