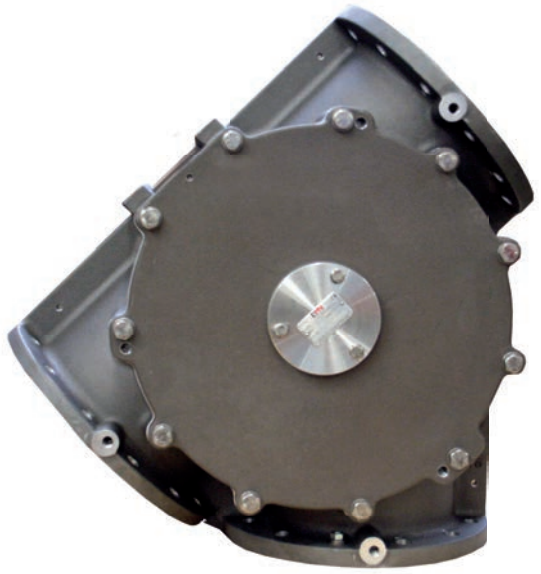
SPTD



- Universal application
- Sizes from NB 150 up to 400 (6" to 16")
- Available in metric or inch pipe size
- Pressure up to 43.5 PSI
- Maximum product temperature 176 °F for standard models
- For diverting only
- Static or dynamic sealing
- No moving parts on the outside
- Special versions available
- Versions conforming to ATEX 94/9/EC available

SPTD single pipe plug diverter

The SPTD single straight pipe plug diverter has been specially designed to route powders and pellets with minimum degradation in pneumatic conveying systems. The straight pipe makes the SPTD very suitable for applications in the food, pet food, plastics (recycling) and petrochemical industries.

A smooth passage of product is guaranteed by precision machining, very effective 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 design of the SPTD plug diverter conforms to all current legislation regarding safety in the workplace. Consequently there are no moving parts on the outside.

Product information

The SPTD has been designed to be user friendly, pressure shock resistant and with standard static seals suitable for pressures up to 43.5 PSI. All sizes are optionally available with inflatable seals.

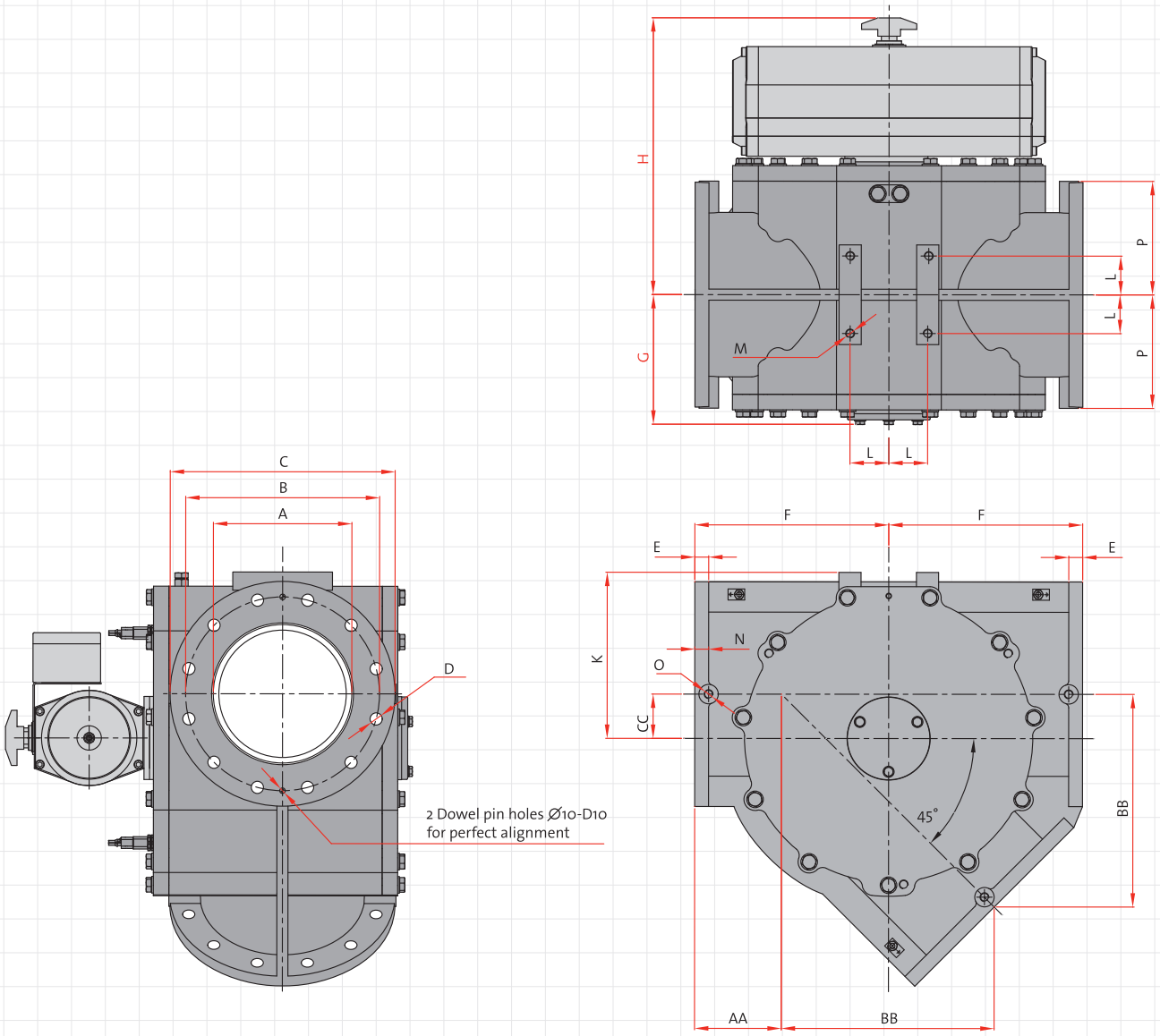
The SPTD plug diverter consists of an aluminium housing and end covers in which a plug with a single straight pipe is installed. All product contact surfaces are made from stainless steel AISI 316L DIN 14404. Optionally the product contact parts can be anodized aluminium.

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

Two FDA approved silicone seals guarantee the sealing between housing and plug. The body is pressure tight, thus ensuring no leakage to atmosphere. The plug diverter can be used for product temperatures ranging from -13 °F up to 176 °F at ambient temperatures of 14 °F up to 284 °F.

SPTD

Dimensions SPTD



		DIN			ANSI														
Type SPTD	ØA*	ØB	D	ØC	ØB	D	E	F	G	H	K	L	M	N	O	P	AA	BB	CC
150	5.91	9.45	8xØ0.87	11.22	9.50	8xØ0.87	0.79	10.24	7.09	15.35	7.68	1.97	M16x24	0.79	M16x24	5.71	5.94	10.28	1.77
162*	6.38																		
200	7.87	11.61	8xØ0.87	13.50	11.75	8xØ0.87	0.98	11.81	8.07	17.13	9.45	1.97	M16x24	0.98	M16x24	6.89	6.10	12.40	2.36
213*	8.39																		
250	9.84	13.78	12xØ0.87	15.98	14.25	12xØ1.00	0.98	13.78	9.25	19.69	11.81	2.76	M16x24	0.98	M16x24	8.07	6.14	15.12	3.15
267*	10.51																		
300	11.81	15.75	12xØ0.87	19.02	17.00	12xØ1.00	0.98	15.75	10.24	20.67	14.17	2.76	M16x24	0.98	M16x24	9.65	6.69	17.52	3.74
318*	12.52																		
350	available on request																		
400	available on request																		

* Inside diameter of pipe

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Technical modifications are possible, dimensions in inches | Technische wijzigingen voorbehouden, maten in inches |
Technische Änderungen vorbehalten, Maße in Inches | Changements d'exécutions techniques réservés, dimensions en pouces |
Son posibles variaciones técnicas, dimensiones en pulgadas | Sono possibili variazioni tecniche, dimensioni in pollici |
Możliwe są modyfikacje techniczne, wymiary w calach | Сохраняется право на внесение технических изменений, размеры в дюймах

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