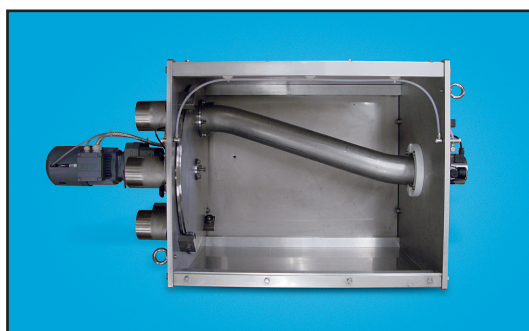
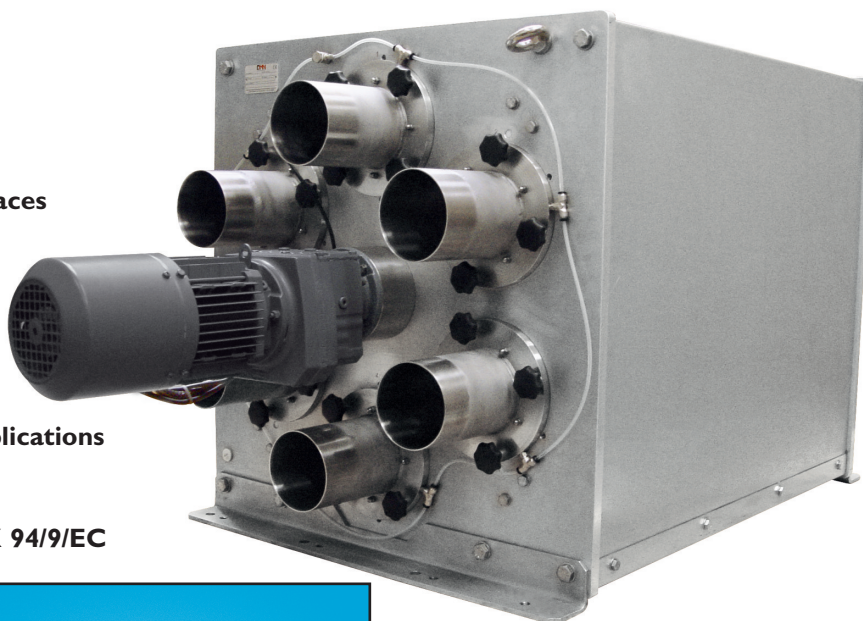


M-TDV

- Up to 14 ports
- Inflatable seals
- All product contact materials FDA approved
- Smooth product contact surfaces
- Minimal product degradation
- Pressures -0,8 up to 3 bar
- Temperature range -20 °C to +100 °C
- Converging and diverging applications
- Compact design
- Versions conforming to ATEX 94/9/EC available



M-TDV Multi-port tube diverter valve

The DMN-WESTINGHOUSE M-TDV transports pneumatically conveyed products in powder or pellet form to or from multiple destinations (diverging or converging).

The M-TDV design is simplicity itself, and guarantees a high positional accuracy with a minimum of component parts. Available in sizes from 40 to 150 mm (1 1/2" to 6"), with up to 14 ports on the larger models i.e. smaller pipe sizes. The normal supply would consist of the diverter unit and a pre-programmed compact controller with an onboard PLC. The controller works with a binary code input from the customer's PLC.

Product information

All product contact surfaces are manufactured in AISI 316 stainless steel. The inflatable seals are in FDA approved white EPDM. The standard aluminium cover is suitable for most applications. An alternative AISI 316 stainless steel cover is available.

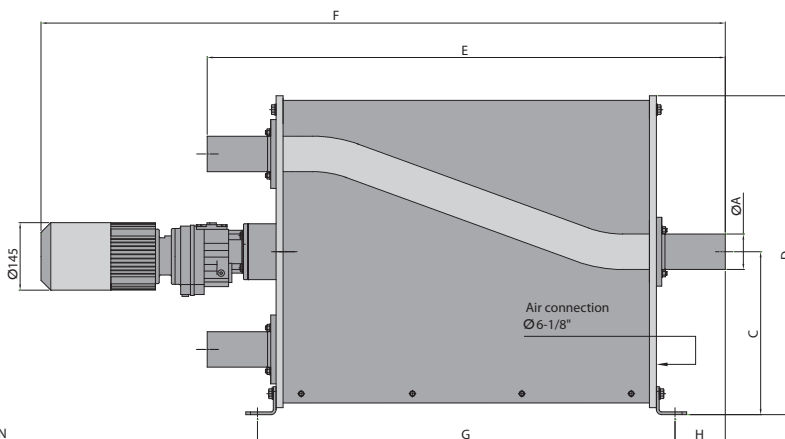
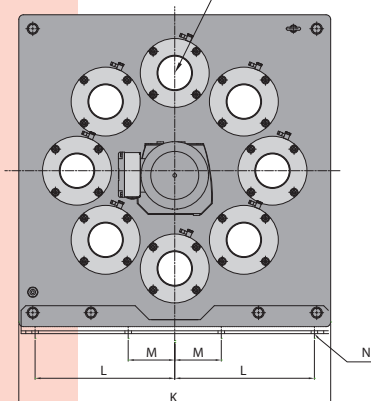
The unit can be mounted either horizontally or vertically and is driven by means of a geared motor, combined with an encoder which together with the controller guarantees a very accurate alignment of the conveying lines. A uniform smooth bore pipe between the inlet and outlet allows a constant velocity, minimises pressure loss, reduces product degradation and ensures clean purging. Seals are located outside the product flow, inflate on position confirmation and automatically deflate during switching. The indexing tube plate seals off unused ports.

The standard version can be used in systems with pressures up to 3 bar g.

M-TDV

Technical modifications are possible, dimensions in mm M-TDV.M.01.00.B

X outlets
equispaced on B mm PCD.



DMN-WESTINGHOUSE have been designing and manufacturing rotary valves, diverter valves and other related components for the bulk solids handling industry for more than 35 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 components that are conforming to USDA requirements, pressure shock resistant to 10 bar, flame proof, ATEX compliant to Directive 94/9/EC, etc. An extensive network of subsidiaries, distributors and representatives ensures a high level of service and support all over the world.

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	Size	Ø A	X	B	C	D	E	F	G	H	K	L	M	N
Module II	40	38,1x1,5	4-10											
	50	50,8x1,5	4-9											
	65	63,5x1,5	4-8	420	350	685	1113	1470	897	108	670	300	100	4 HOLES Ø14
	80	76,1x1,5	4-8											
	100	101,6x2	4-7											
Module III	40	38,1x1,5	11-14											
	50	50,8x1,5	10-13											
	65	63,5x1,5	9-12											
	80	76,1x1,5	9-11	600	475	935	1383	1740	1167	108	920	400	150	4 HOLES Ø14
	100	101,6x2	8-10											
	125	129x2	4-8											
	150	154x2	4-7											

Head Office:
DMN Machinefabriek
Noordwykerhout BV
PO Box 6, NL - 2210 AA
Noordwijkerhout, Holland
Tel. +31 252 361 800
Fax +31 252 375 972/934
dmn@dmn-nwh.nl

DMN Incorporated
3895 South Perkins Road, Suite 8
Memphis, TN 38118, USA
Tel. +1 901 360 1537
Fax +1 901 360 0348
dmnfo@dmn-inc.com

DMN Schüttguttechnik GmbH
Rütgersstrasse 8
D-21244 Buchholz i.d. Ndh, Germany
Tel. +49 4181 931 40
Fax +49 4181 931 490
dmn@dmn-sgt.com

DMN UK Ltd
Unit 1 & 2, Harris Road,
Porte Marsh Industrial Estate
Calne, Wiltshire, SN 11 9PT, UK
Tel. +44 1249 818 400
Fax +44 1249 818 410
dmn@dmnuk.com

DMN France SAS
65, rue Charles de Gaulle
91330 Yerres, France
Tel: +33 1 69 49 85 70
Fax: +33 1 69 49 85 79
contact@dmn-westinghouse.fr



www.dmn.info

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