

2-way diverter

The flexible solution for problematic bulk goods

Down-pipe systems often require redirection or discharge of the product flows into different processes. The *ROWEFLEX*[®] 2-way diverter solves this problem effectively by using a flexible elastomer Y-tube.



Advantages

of the *ROWEFLEX*[®] 2-way diverter:

- Absolutely dust-proof
- No metal parts inside
- Self-cleaning due to flexibility
- Double seal on the switch bracket
- No cross-section reduction in the product area
- Available in ATEX version
- FDA-compliant Y-tube part available

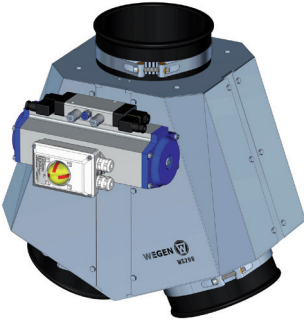
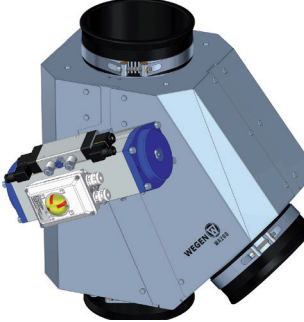
Application areas

of the *ROWEFLEX*[®] 2-way diverter:

- Food products
- Pharmaceuticals
- Carbon black and tyres
- PVC processing
- Toxic media
- Colour pigment production
- Colour pigment processing

ROWEFLEX® 2-way diverter

The ROWEFLEX® 2-way diverter is available in two versions:

ROWEFLEX® 2-way diverter type WS	ROWEFLEX® 2-way diverter type WA
<p>Symmetrical</p> <p>2 exits at 24°</p> 	<p>Asymmetrical</p> <p>1 straight exit 1 exit at 48°</p> 

Structure

The ROWEFLEX® 2-way diverter is delivered ready for connection and consists of:

1 framework construction	1.4301
1 switch bracket	1.4301
2 bearings	
1 pneumatic rotary rive*	Type GTWB 180°
1 Namur magnetic valve*	5/3-way impulse 24 VDC*
2 initiators*	3-wire PNP 24 VDC*
1 multi-switch terminal box*	Polymer
1 rubber Y-tube	see Material List
4 protective panels	1.4301
Documentation in German or English	

*Other versions possible on request

Connection options

- Standard:
Y-tube part folded over and secured with hose clamp
- On request:
 - Flange connection with holes according to DIN
 - Pharmaceutical-type connection or FLY flange connection according to DIN
 - Additional connections possible on request

Dimension table

DN	B1	B2	H1	H2	B3	B4	H3	H4	H5	WS (kg)	WA (kg)
100	315	211	299	320	192	339	315	329	58	15,5	17,5
150	427	270	378	412	246	439	380	428	78	24,8	27,3
200	524	319	454	498	292	525	462	488	78	35	38
250	612	361	516	565	341	622	536	542	78	44	49
300	715	421	567	632	384	701	588	573	78	53	58
350	802	468	624	699	429	794	676	641	78	67	75
400	904	522	691	775	480	904	752	694	78	89	96

Extract from material portfolio

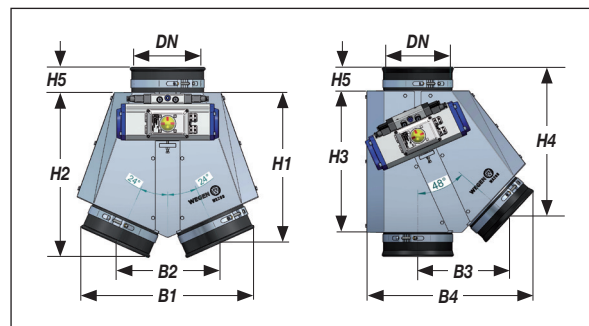
Standard elastomer qualities of the Y-tube part of the ROWEFLEX® 2-way diverter:

ROWEFLEX® Material	Description	Colour	FDA-compliant	Electr. cond.
NK	Natural Rubber	Beige	-	-
NK w	Natural Rubber	White	+	-
PG	Natural Rubber	Grey	-	-
CR w	Chloroprene Rubber	White	+	-
CR sw	Chloroprene Rubber	Black	-	+
EP sw	EPDM Rubber	Black	+	+
EP w	EPDM Rubber	White	+	-
NBR sw	Nitrile Rubber	Black	-	+
NBR w	Nitrile Rubber	White	+	-
SI	Silicone Rubber	Light	+	-

We will gladly advise you with regard to the selection of the suitable ROWEFLEX® Material. Please do not hesitate to contact us regarding this.

Drive options

- Electro-pneumatic
- Manually driven
- Additional drive options are possible on request



A distribution system can be assembled by combining several devices. We will gladly advise you with regard to the selection of suitable connection options and recommend the use of flexible ROWEFLEX® down-pipe systems.