

# ROWEFLEX®

## 2-way diverter valve

### The flexible solution for problematic bulk goods

Down-pipe systems often require redirecting or discharging of product flows to different processes. The ROWEFLEX® 2-way diverter valve solves this problem in a particularly effective manner by using a flexible elastomer Y-tube.



#### Advantages

of the ROWEFLEX® 2-way diverter valve:

- 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


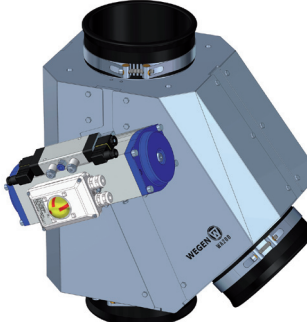
of the ROWEFLEX® 2-way diverter valve in industry:

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

A distribution system can be assembled by combining several devices.

## ROWEFLEX® 2-way diverter valve

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

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

### Structure

The ROWEFLEX® 2-way diverter valve 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 customer request

### Connection options

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

### Dimension table

NW	B1	B2	H1	H2	B3	B4	H3	H4	H5	Weight
100	315	208	295	320	181	346	347	267	58	15
150	450	267	375	408	244	435	460	315	75	18
200	520	317	452	496	290	522	537	408	75	22
250	612	370	510	565	338	620	610	460	75	25
300	700	410	557	620	370	715	670	510	75	30
350	800	467	620	695	426	805	750	560	75	40
400	876	490	649	734	447	873	793	594	75	50

### Materials

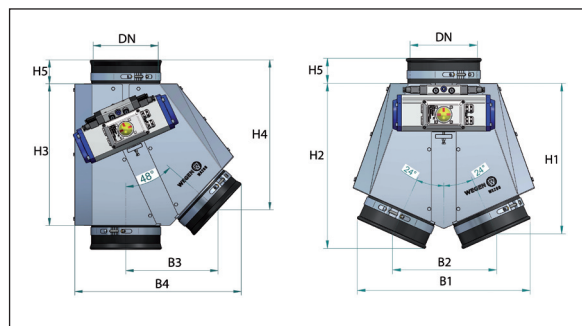
Standard elastomer qualities of the Y-tube part of the ROWEFLEX® 2-way diverter valve:

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	+	-

\*Available at additional charge

### Drive options

- electro-pneumatic
- manually driven
- additional drive options can be implemented at the request of the customer



We will gladly advise you with regard to the selection of suitable connection options and recommend the use of flexible ROWEFLEX® down-pipe systems.