

Application

- Stainless steel diverter valve for powders and granular products
- Single channel diverter valve in conical design
- Sanitary and wet cleanable design, suitable for the wet cleaning process (Clean-in-Place (CIP) possible). It is essential for the function and for the cleaning result that the valve is disassembled after each washing process and manually cleaned and dried.
- For installation in conveying lines or in gravity pipes at up to 5 bar(g) [73 psi(g)]
- Operation temperature up to 100°C [212°F]

Design

- Seal configuration: elastomer seals at rotor ends and elastomer lateral seal
- Hygienic union connection DIN 11864-1 for sizes 65 to 100 and DIN 11864-2 for size 125 or tri-clamp DIN 32676 ASME pipe sizes
- Rotor extraction by pneumatic cylinder

Technical Data

Standard Mechanical Specifications

- Channel seal: FKM (white)
- Shaft seal: EPDM
- Cover and stud seal: HPU™
- Material of construction: Cast stainless steel 1.4404 [AISI 316L]
- Material contact surfaces: $R_a \leq 0.8 \mu\text{m}$
- CE compliant (standard configuration)

Actuator

- Actuators: twin swivel actuator + double acting extraction cylinder, control pressure 5.5 to 8 bar(g) [80 to 116 psi(g)]

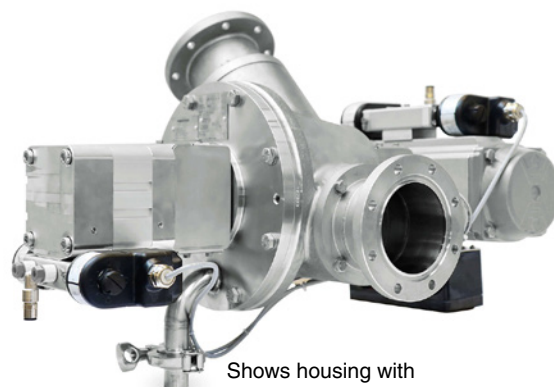
Options and Accessories

Housing / Pipe Connections

- DIN 11851 (DIN piping) or SMS 1145 (ASME BPE 2005 piping)

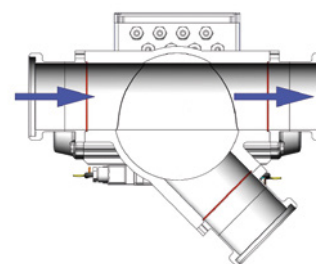
Electrical

- Applicable in Ex-Zones with additional accessories

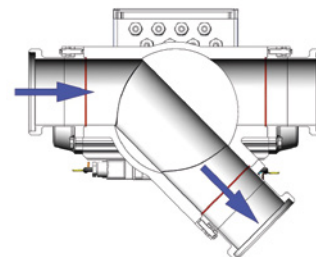


Shows housing with rotary actuator

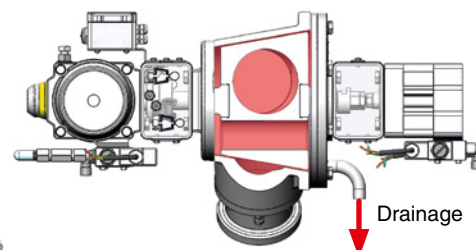
Straight through:



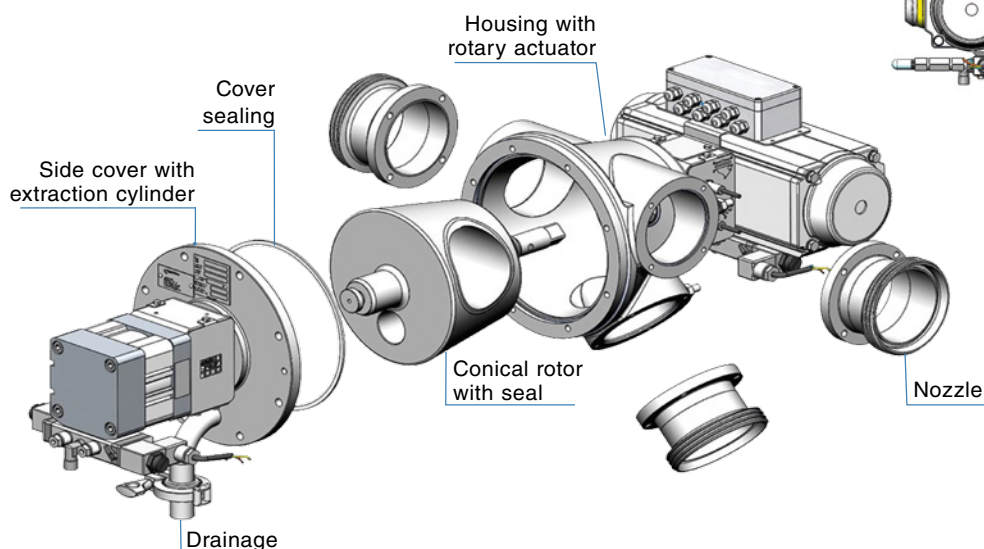
Diverted:



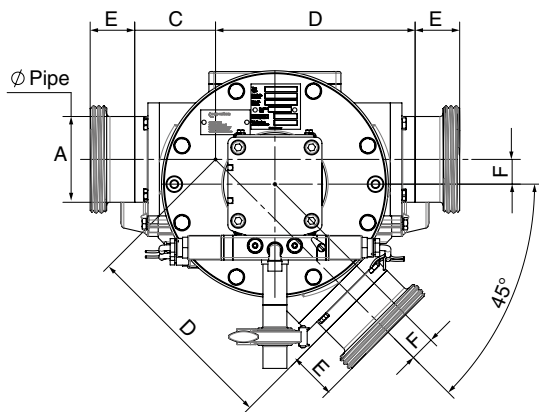
CIP*, rotor extracted:



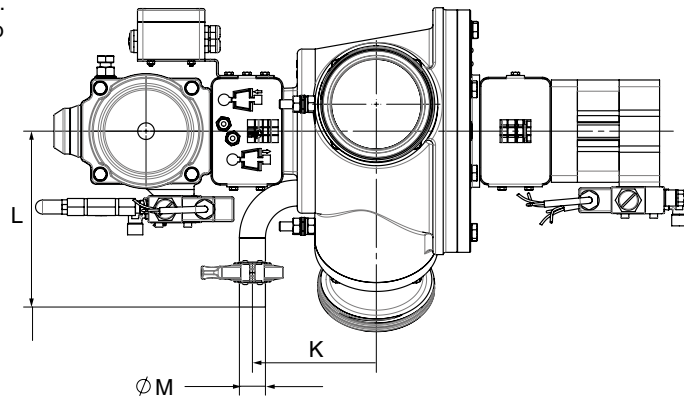
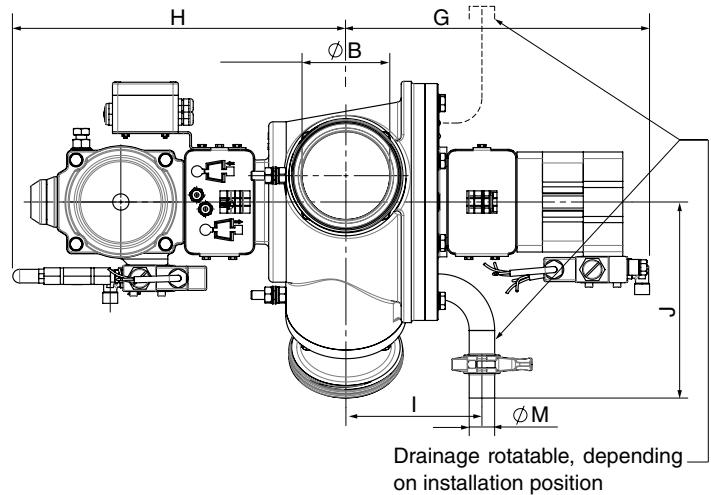
* CIP: During automatic cleaning the rotor is extracted from the housing by extraction cylinder and completely flushed and purified by the cleaning medium.



Dimensions mm [in]



Valve shown with threaded flange according to DIN 11864-1.
 Option: other pipe couplings on request, e.g. according to
 DIN 11851, tri-clamp DIN 32676 or SMS 1145



Option: Drainage on housing, adapted to installation position

Model	Inlet/Outlet			Other dimensions											Drainage DIN 11864-3	Approx. Weight
	A (DIN)	A (ANSI)	ØPipe	B	C	D	E	F	G	H	I	J	K	L	M	kg [lb]
65	DN 65 DIN 11864-1	2.5	70 x 2 [2.76 x 0.08]	66 [2.60]	72 [2.83]	168 [8.19]	60 [2.36]	20 [0.79]	324 [12.76]	354 [13.94]	124 [4.88]	176 [6.93]	103 [4.06]	157 [6.18]	Ø 19 x 1.5 (DN 15)	43 [94.6]
80	DN 80 DIN 11864-1	3	85 x 2 [3.35 x 0.08]	81 [3.19]	85 [3.35]	205 [8.07]	64 [2.52]	25 [0.98]	329 [12.95]	361 [14.21]	134 [5.28]	196 [7.72]	116 [4.57]	174 [6.85]	Ø 23 x 1.5 (DN 20)	56 [123.2]
100	DN 100 DIN 11864-1	4	104 x 2 [4.09 x 0.08]	100 [3.94]	98 [3.86]	242 [9.53]	64 [2.52]	30 [1.18]	346 [13.62]	380 [14.96]	155 [6.10]	223 [8.78]	138 [5.43]	196 [7.72]	Ø 29 x 1.5 (DN 25)	77 [169.4]
125	DN 125 DIN 11864-2	5	129 x 2 [5.08 x 0.08]	125 [4.92]	103 [4.06]	272 [10.71]	60 [2.36]	35 [1.38]	361 [14.21]	391 [15.39]	170 [6.69]	291 [11.46]	154 [6.06]	226 [8.90]	Ø 35 x 1.5 (DN 32)	98 [215.6]

Caution: Measurements are for general reference only. Please consult dimensional drawing for exact measurements.