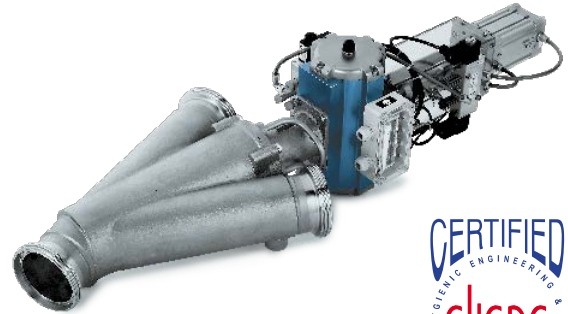


Application

- Stainless steel diverter valve for powders and granular products
- Single channel diverter valve in conical design
- Execution “K”: Asymmetric design with 45° angle, suitable for distributing and collecting in pneumatic conveying lines and in gravity pipes
- Sanitary and wet cleanable design, EHEDG certified for fully automatic and residue-free CIP (Cleaning In Place) without dismantling and without manual cleaning
- 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 seal, tight clearances between rotor and housing
- Housing with clamp ferrules (BS 4825-3)
- Quick cleaning execution: automatic extracting of rotor

Technical Data

Standard Mechanical Specifications

- Rotor seals: EPDM (FDA compliant)
- Material of construction: Cast stainless steel 1.4404 [AISI 316L]
- Material contact surfaces:
 $\leq 0.8 \text{ Ra}$ [150 grit] to [180 grit]
- 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)]

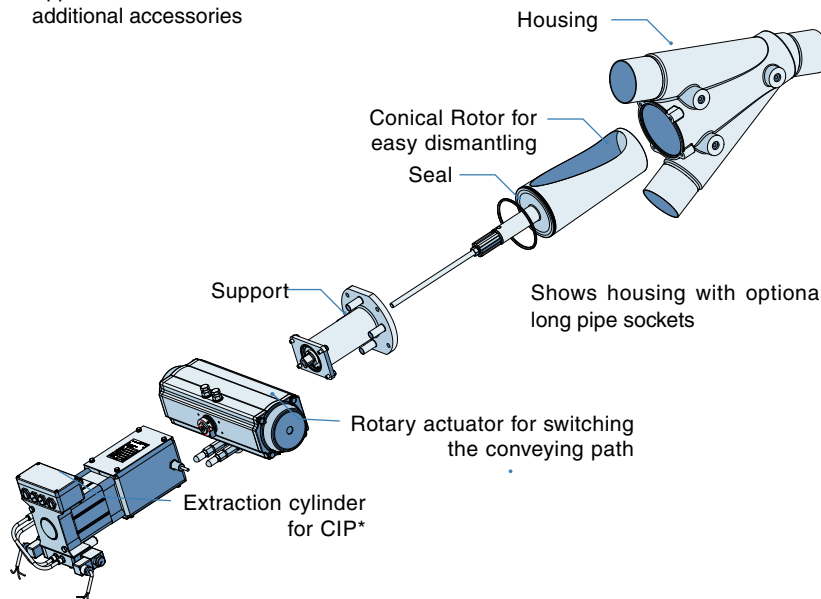
Options and Accessories

Housing / Pipe Connections

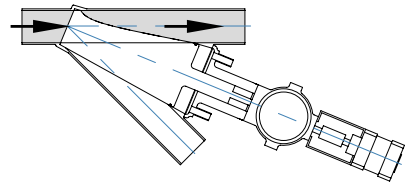
- Long pipe sockets: free pipe ends for use with pipe couplings or for welding of pipe connections by customer (please note: advanced knowledge necessary for welding pipe connections without thermal distortion. Please follow instructions in the manuals.)

Electrical

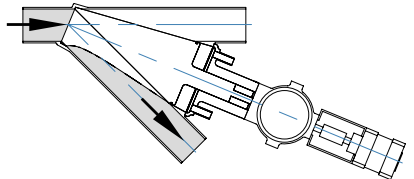
- Applicable in Ex-Zones with additional accessories



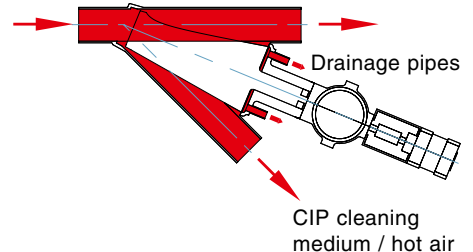
Pneumatic Conveying
 Straight through



Pneumatic Conveying
 Diverted 45°

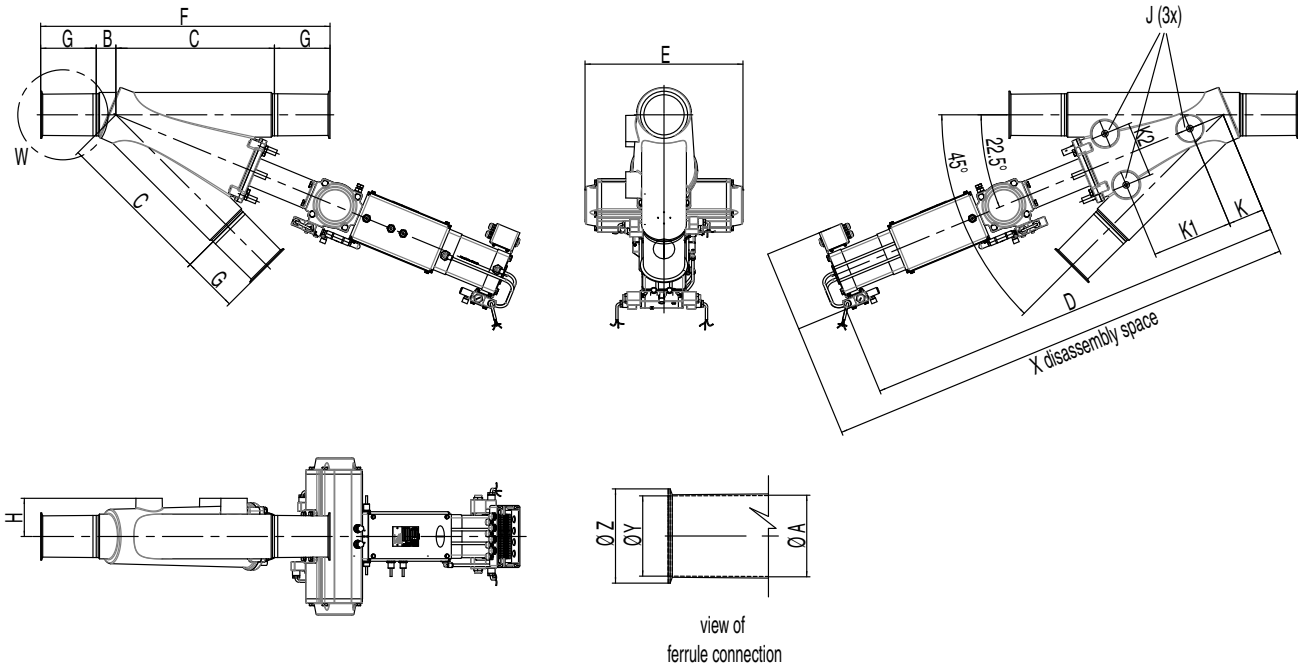


CIP*,
 Rotor extracted



* 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]



Model	Inlet/Outlet				Other dimensions						
	ØA (DIN)	Ferrule Connection ØA (BS 4825-3)	Internal Diameter ØY	External Diameter ØZ	B	C	D	E	F	G	H
65	DN 65	2.5"	60.3 [2.37]	77.5 [3.05]	40 [1.57]	295 [11.61]	925 [36.42]	382 [15.04]	675 [26.57]	170 [6.69]	82 [3.23]
80	DN 80	3"	73 [2.87]	91 [3.58]	50 [1.97]	335 [13.19]	1025 [40.35]	454 [17.87]	725 [28.54]	170 [6.69]	82 [3.23]
100	DN 100	4"	97.6 [3.84]	119 [4.69]	50 [1.97]	370 [14.57]	1100 [43.31]	454 [17.87]	760 [29.92]	170 [6.69]	87.5 [3.44]
125	DN 125	5"	123 [4.84]	144.4 [5.69]	60 [2.36]	485 [19.10]	1300 [51.18]	483 [19.02]	885 [34.84]	170 [6.69]	117 [4.61]

Model	Other dimensions						Approx. Weight
	J	K	K1	K2	ØL	X	WYK
65	M10 x 15	55 [2.17]	165 [6.50]	114 [4.49]	12 [0.47] x 1 [0.04]	1300 [51.18]	35 [77]
80	M10 x 15	55 [2.17]	200 [7.87]	120 [4.72]	12 [0.47] x 1 [0.04]	1400 [55.12]	40 [88]
100	M10 x 15	54.5 [2.15]	220 [8.66]	130 [5.11]	18 [0.71] x 1 [0.04]	1500 [59.06]	50 [110]
125	M12 x 18	110 [4.33]	246 [9.69]	170 [6.69]	18 [0.71] x 1 [0.04]	1800 [70.87]	90 [198]

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