

Diverter Valve | PDV

For Powder Applications



Pelletron PDV Diverter Valve
with Stainless Steel Housing

Applications

- Suitable for powder, granules and pellets
- For distributing or merging of product flow
- For differential pressure up to 85 psi (6.0 bar)

Design

- Sizes from 2" to 12" (50mm to 300mm)
- Flanges: ANSI 150# or DIN PN10 or JIS 5k/10k
- Operating temperature up to 175°F (80°C)
- 45, 90 and 135° flow direction available
- Stainless steel or AL housing, rotor in stainless steel

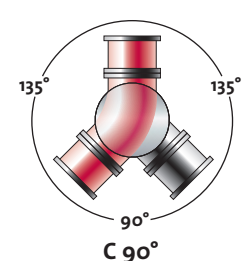
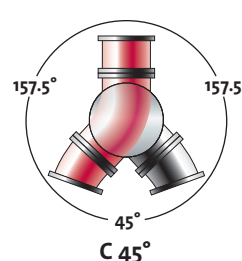
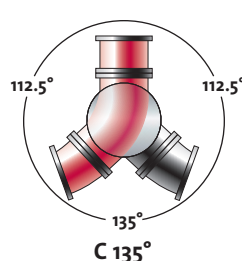
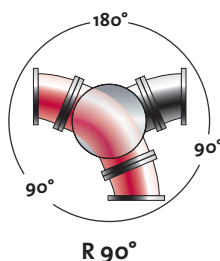
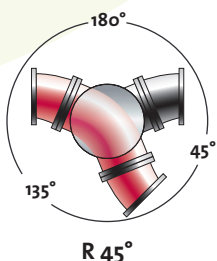
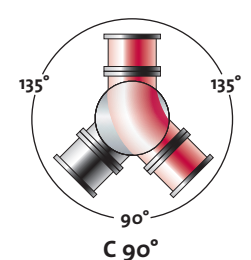
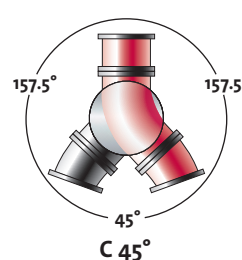
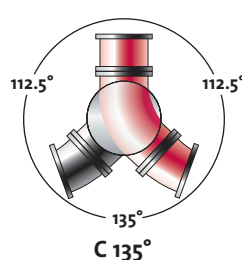
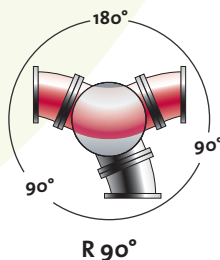
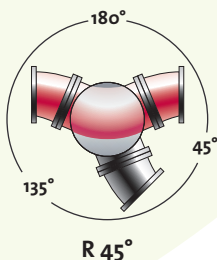
Features

- Zero leakage ball valve
- Protected seat rings at each port
- Full round pass through design
- Heavy duty body design for pressure surges up to 90psi (6.0bar)
- Heavy duty pneumatic actuator with integrated mechanical stops

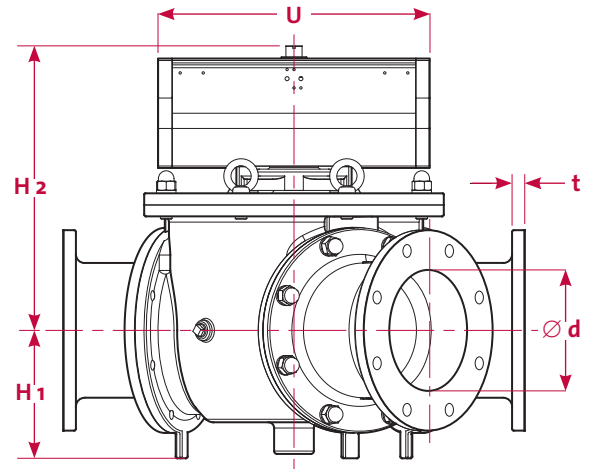
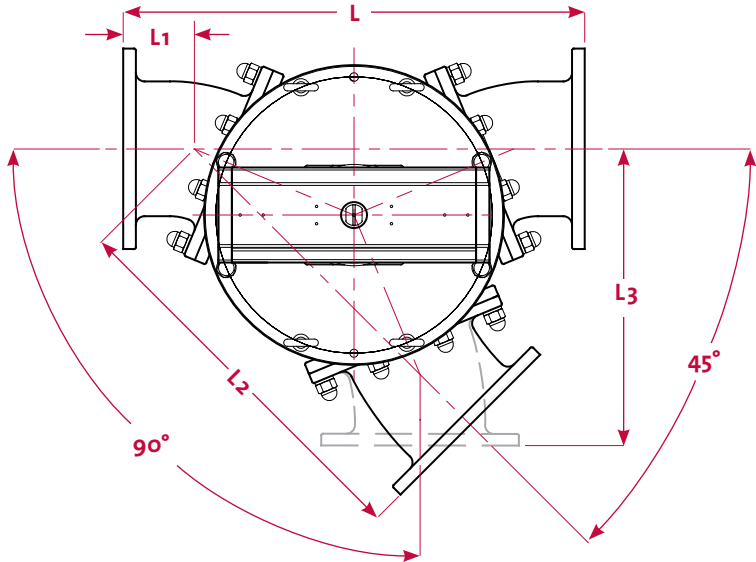
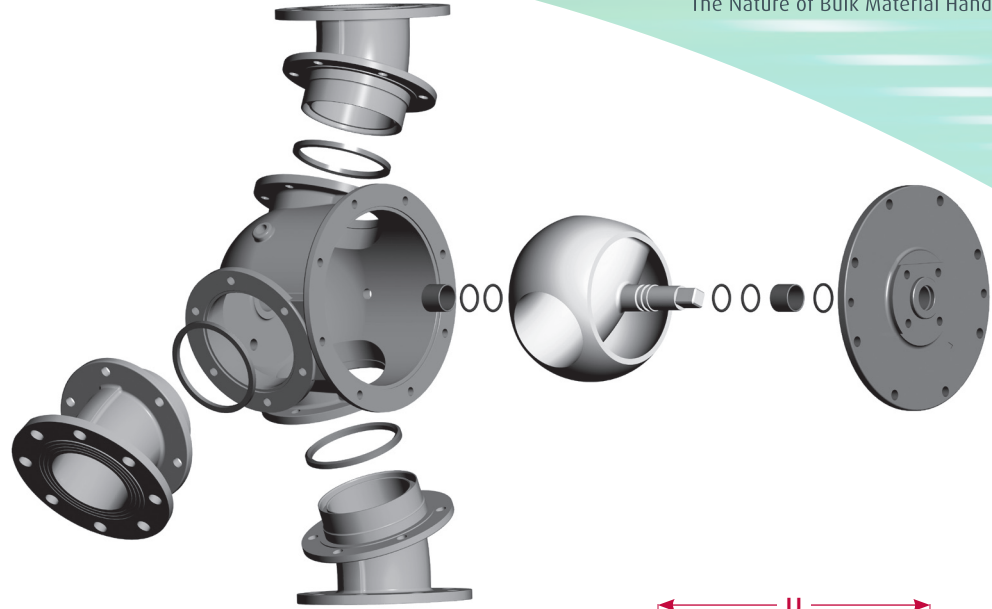
Options

- High temperature design up to 350°F (180°C)
- Interior polished grades available

Available Flow Direction | Left and Right Orientation Available



PDV Diverter Valve Dimensions



Size	Ø d	t	H ₁	H ₂	U	L	L ₁	L ₂	L ₃	Weight
PDV 050	2 1/4"	1/2"	3 3/4"	15 1/16"	11 7/8"	11"	2 3/16"	8 13/16"	6 7/8"	83.6 lbs.
	57 mm	12 mm	96 mm	383 mm	302 mm	280 mm	56 mm	224 mm	175 mm	38 kg
PDV 065	2 13/16"	1/2"	3 3/4"	15 1/16"	11 7/8"	12 5/8"	2 3/16"	10 3/8"	8"	92.4 lbs.
	72 mm	12 mm	96 mm	383 mm	302 mm	320 mm	56 mm	264 mm	203 mm	42 kg
PDV 080	3 5/16"	1/2"	4 5/8"	16 15/16"	11 7/8"	14 3/16"	2 1/16"	12 1/16"	9 3/16"	132 lbs.
	85 mm	12 mm	117 mm	430 mm	302 mm	360 mm	53 mm	307 mm	233 mm	60 kg
PDV 100	4 5/16"	9/16"	5 1/4"	19 1/2"	14 3/4"	18 1/8"	3"	15 1/8"	11 9/16"	180.4 lbs.
	110 mm	14 mm	133 mm	496 mm	375 mm	460 mm	76 mm	384 mm	294 mm	82 kg
PDV 125	5 1/4"	9/16"	6 3/8"	21 7/8"	14 3/4"	22 1/16"	3 1/16"	19"	14 5/16"	187 lbs.
	134 mm	14 mm	157 mm	555 mm	375 mm	560 mm	77 mm	483 mm	364 mm	85 kg
PDV 150	6 1/4"	5/8"	7"	24 15/16"	18 9/16"	26"	3 1/4"	22 1/2"	16 15/16"	220 lbs.
	159 mm	16 mm	178 mm	634 mm	472 mm	660 mm	83 mm	571 mm	430 mm	100 kg
PDV 200	8 1/4"	3/4"	8 3/4"	28 1/8"	18 9/16"	31 1/2"	4 13/16"	26 11/16"	20 1/4"	574.2 lbs.
	210 mm	20 mm	222 mm	714 mm	472 mm	800 mm	123 mm	677 mm	515 mm	261 kg
PDV 250	10 1/4"	3/4"	10 5/8"	32 5/8"	23 13/16"	40 9/16"	6 1/8"	34 7/16"	26 1/8"	880 lbs.
	260 mm	20 mm	270 mm	829 mm	605 mm	1030 mm	155 mm	875 mm	664 mm	400 kg
PDV 300	12 3/16"	3/4"	11 1/16"	37 1/2"	33 1/16"	44 7/8"	6 3/16"	38 11/16"	29 3/16"	1269.4 lbs.
	310 mm	20 mm	281 mm	953 mm	840 mm	1140 mm	157 mm	983 mm	741 mm	577 kg