

Diverter Valve | GDV

For Granular Applications



Pelletron GDV Diverter Valve
with Stainless Steel Housing

Applications

- Suitable for granules and pellets
- For distributing or merging of product flow
- For differential pressure up to 60psi (4.0 bar)

Design

- Sizes from 3 1/2" to 12" (80 mm to 300 mm)
- Flanges: ANSI 150# or DIN PN10 or JIS 5k/10k
- Operating temperature up to 175°F (80°C)
- 45° flow direction
- Housing and rotor in stainless steel or AL

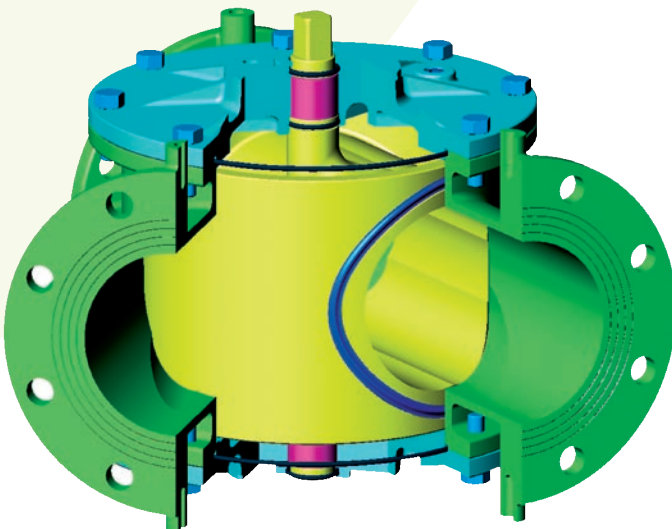
Features

- Seal rings at each port
- Full round pass through design
- Heavy duty body design for pressure surges up to 90 psi (6.0bar)
- Manual or pneumatic operated
- Heavy duty pneumatic actuator with integrated mechanical stops

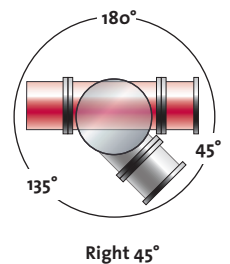
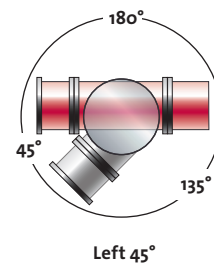
Options

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

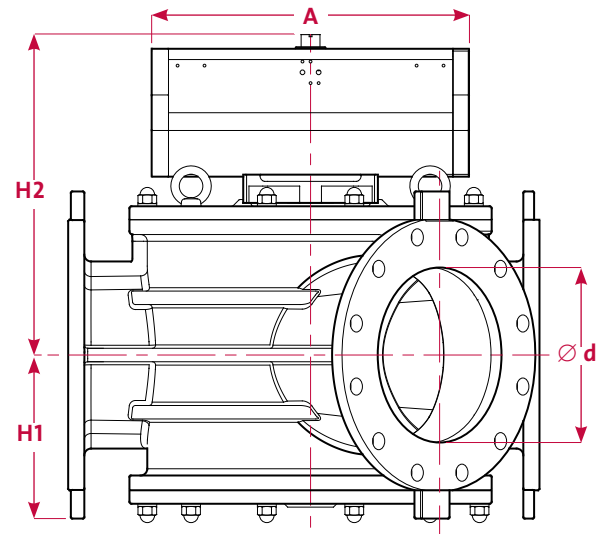
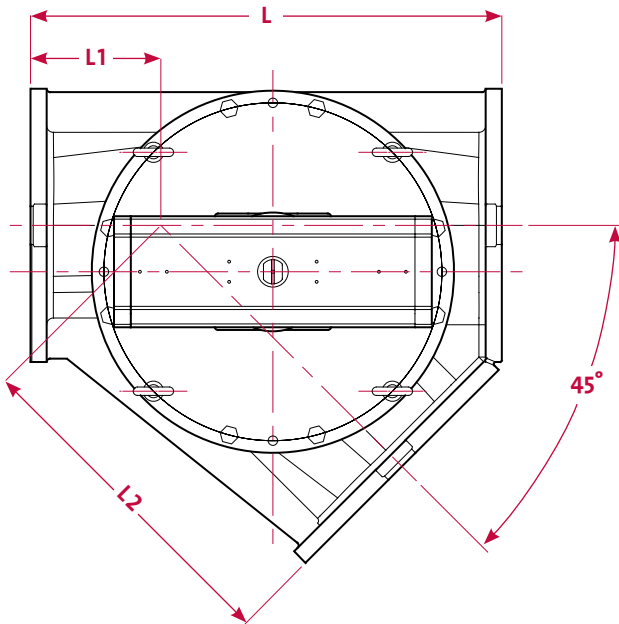
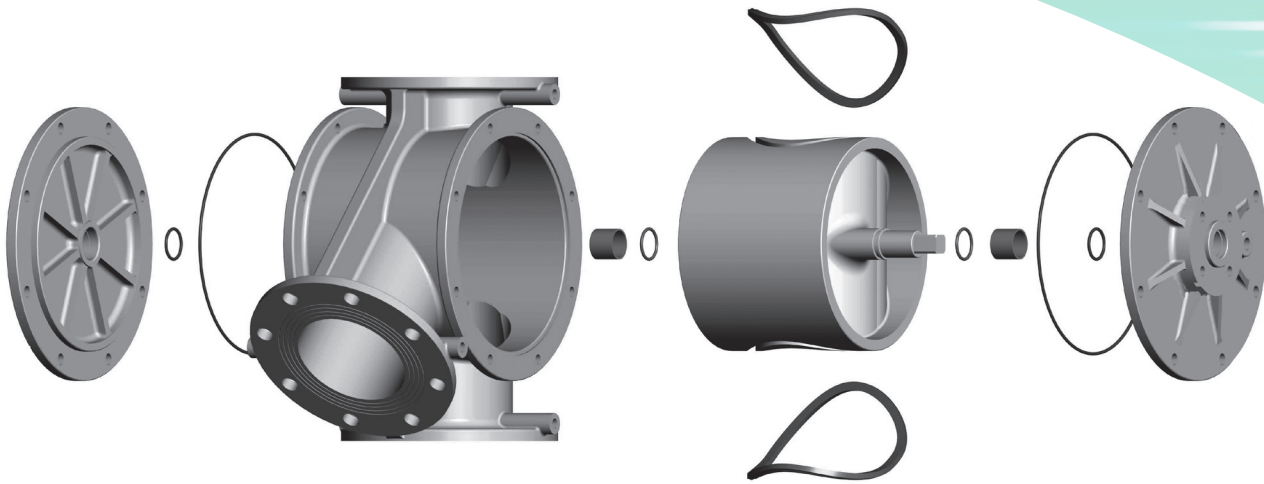
3D cutaway model with sealing details



Flow direction



GDV Diverter Valve Dimensions



Size	Ø d	t	H1	H2	U	L	L1	L2	Weight
GDV 080	3 5/16"	1/2"	5 1/4"	16 15/16"	11 7/8"	15 3/8"	4 1/8"	11 5/16"	132 lbs.
	85 mm	12 mm	133 mm	437 mm	302 mm	390 mm	104 mm	287 mm	60 kg
GDV 100	4 5/16"	9/16"	5 1/2"	17 11/16"	11 7/8"	15 3/8"	4 1/8"	11 5/16"	143 lbs.
	110 mm	14 mm	140 mm	449 mm	302 mm	390 mm	104 mm	287 mm	65 kg
GDV 125	5 1/4"	9/16"	5 13/16"	20 3/8"	14 3/4"	16 15/16"	4 9/16"	12 3/8"	187 lbs.
	134 mm	14 mm	147 mm	517 mm	375 mm	430 mm	116 mm	314 mm	85 kg
GDV 150	6 1/4"	5/8"	6 7/16"	21 7/16"	14 3/4"	19 11/16"	5 11/16"	13"	231 lbs.
	159 mm	16 mm	163 mm	545 mm	375 mm	500 mm	145 mm	355 mm	105 kg
GDV 200	8 1/4"	11/16"	7 15/16"	24"	14 3/4"	23 5/8"	6 11/16"	16 15/16"	362 lbs.
	210 mm	18 mm	202 mm	610 mm	375 mm	600 mm	170 mm	430 mm	165 kg
GDV 250	10 1/4"	3/4"	9 9/16"	28 3/8"	18 9/16"	27 9/16"	7 5/8"	19 15/16"	572 lbs.
	260 mm	20 mm	243 mm	720 mm	472 mm	700 mm	194 mm	506 mm	260 kg
GDV 300	12 3/16"	3/4"	11 1/8"	30 15/16"	18 9/16"	31 1/2"	8 1/16"	23 7/16"	832 lbs.
	310 mm	20 mm	282 mm	786 mm	472 mm	800 mm	205 mm	595 mm	380 kg