GF Piping Systems

Wafer Style Butterfly Valve

Type VFA

General

- **Size**: 2½"–8"
- **Body**: PVC
- **Seals**: EPDM/SANTOPRENE™
- **Shaft**: Zinc-plated steel
- **Connection**: Both ANSI 150 and DIN 2501
- **Operation**: Lever

Optional Features

- **Actuation**: Electric, pneumatic
- **Manual Operation**: Gear

Conformity

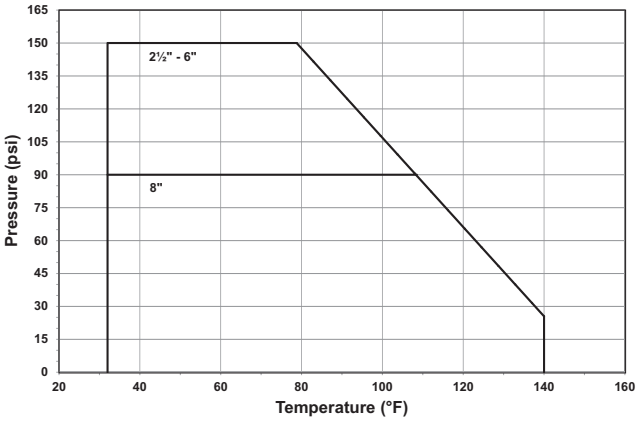
- **ISO 16136** Pr EN 1452 - ISO 93930

Specification

The VFA shall be of wafer style and of centric design. The disk seal shall be reliant on flange compression. The outer body shall be PVC and of unbodied design. The eyelet bolt circle diameter shall be compatible with ANSI 150 and DIN 2501 flange standards. The lever shall be lockable in 10 degree increments and include a lockout feature. The lever handle material shall be PVC and shall be secured to the shaft via a machine screw. The shaft shall be zinc plated steel and non-wetted. All valves shall be tested in accordance to ISO9393 and designed to ISO16136 standards. All valves shall be manufactured under ISO9001 for Quality and ISO14001 for Environmental Management.

Technical Data

Pressure/Temperature



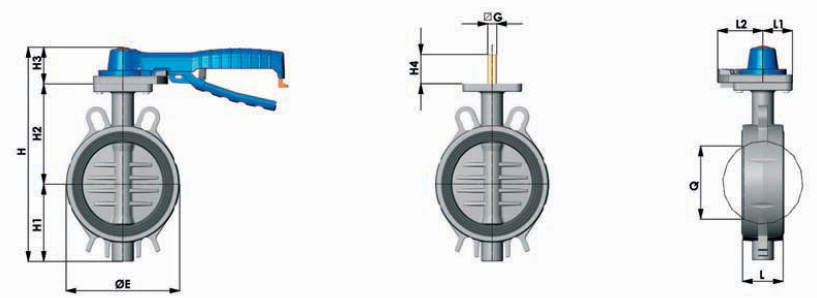
Cv values

Size	d (mm)	Cv Value
2½	75	176
3	90	227
4	110	462
5	140	835
6	160	1261
8	225	2101

Breakaway Torque

Size (Inch)	d (mm)	Torque (in-lb)
2½	75	97
3	90	124
4	110	142
5	140	230
6	160	310
8	225	443

Dimensions



VFA with hand lever

inch	d (mm)	Ø E (mm)	Q (mm)	H (mm)	H1 (mm)	H2 (mm)	H3 (mm)	H4 (mm)	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	G
2½	75	112	46	246	76	115	55	43	46	46	70	220	11
3	90	128	64	267	92	120	55	43	48	46	70	220	11
4	110	152	84	291	106	130	55	43	54	46	70	220	11
5	140	177	108	321	116	150	55	43	63	46	70	250	14
6	160	212	133	356	131.5	169.5	55	43	69	46	70	250	14
8	200	260	180	433	163	209	61	43	74	46	70	282	17

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