

Figures F280-D, F280-DM Globe Silent Check Valve

Description

GA Industries Figure F280-D Silent Check Valves are the ideal choice when low cost and non-slam operation are the primary selection criteria for water pumping system check valves. The globe design has integral ANSI Class 125/150 flanges yet is light weight and compact.

The body is expanded to provide full flow area and is standard with lead-free bronze trim and rubber seat for drop tight shutoff. Figure F280-DM has optional metal-to-metal seating.

The valve's internal spring assist and short stroke combine to ensure it is closed before water column reversal thereby preventing the water hammer and system shock that can occur after a sudden stoppage of pumping.

Standard Features

- Heavy-duty 300 PSI rated ductile iron body,
- Fusion bond epoxy internal and external coating
- Lead-free* bronze internal trim
- Suitable for horizontal or vertical flow up installation

Standard Materials

- Body Ductile Iron, ASTM A536 Gr 65-45-12
- Plug Lead-free* Bronze, C87800 or C87600
- Seat Ring Lead-free* Bronze, C87800 or C87600
- Resilient Seat EPDM Rubber
- Bushing Lead-free* Bronze, C95400
- Spring Type 302 Stainless Steel

Corrosion Protection

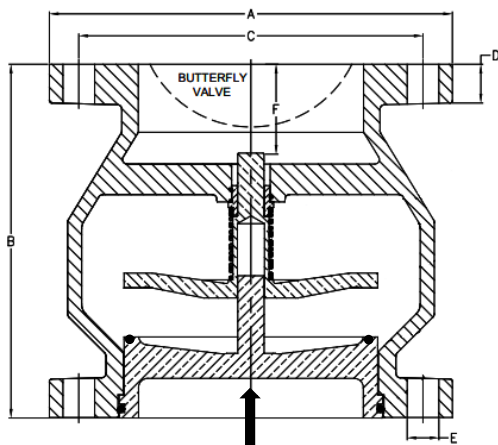
- Standard: Internal and External Fusion Bond Epoxy

Options

- Figure F280-DM: Metal-to-metal seating

Ordering Data

- Figure Number (F280-D, F280-DM)
- Size



Non-Shock Working Water Pressure at up to 150F (66C)		
Figure No.	F280-D	F280-DM
Seating	EPDM	Metal-Metal
Flange	ANSI B16.42 Class 150	
Size	2" to 12"	
Max Working Pressure	300 PSI	
Hydro Test	450 PSI	

Standards Compliance

- Meets MSS SP-125
- Meets American Iron & Steel requirements
- ANSI/NSF-372 Lead Free*

Installation Dimensions

	2"	2½"	3"	4"	6"	8"	10"	12"
A Dia	6	7	7.50	9	11	13.50	18	19
B	5.25	5.50	6	7.25	9.75	12.44	15.50	14.50
C	4.75	5.50	6	7.50	9.50	11.75	14.25	17
D Dia	0.63	0.68	0.75	0.88	1	1.13	1.19	1.25
E Dia	0.75	0.75	0.75	0.75	0.88	0.88	1	1
F	1.30	1.06	1.38	1.59	2.44	3.25	4.25	.81
Weight	13	18	23	40	75	116	194	306

Dimensions in inches, weight in pounds and are approximate. Request certified drawings if critical.

*0.25% Max Weighted Average Lead Content