



Standards:
 -Valves designed to API-609, MSS-SP-67, SM-SP-25
 -Install between standard ANSI Class 125/150 Flanges

Valve Size	L	Q	D1	D2	n-h	H1	H2	H3	S (mm)	F(mm)	ISO
1-1/2"	1.3	0.81	3.88	3.74	4 - 1/2-13 UNC	2.32	4.92	1.18	9	50	F05
2"	1.69	1.13	4.75	5.95	4 - 5/8-11 UNC	2.60	5.12	1.18	9	50	F05
2.5"	1.81	1.79	5.50	6.97	4 - 5/8-11 UNC	3.23	5.55	1.18	9	50	F05
3"	1.81	2.45	6.00	7.23	4 - 5/8-11 UNC	3.54	5.83	1.18	9	50	F05
4"	2.05	3.50	7.50	8.77	8 - 5/8-11 UNC	4.25	6.69	1.18	11	70	F07
5"	2.20	4.55	8.50	9.93	8 - 3/4-10 UNC	4.84	7.36	1.18	14	70	F07
6"	2.20	5.71	9.50	11.02	8 - 3/4-10 UNC	5.43	7.95	1.18	14	70	F07
8"	2.36	7.77	11.75	13.50	8 - 3/4-10 UNC	6.69	9.37	1.42	17	102	F10
10"	2.68	9.76	14.25	16.25	12 - 7/8-9 UNC	7.87	10.71	1.42	22	102	F10
12"	3.07	11.73	17.00	19.09	12 - 7/8-9 UNC	9.29	12.01	1.42	22	102	F10

TECHNICAL SPECIFICATIONS	
Nominal Size (in)	2" thru 12"
Nominal Pressure	200 psi (PTFE only 150 psi)
Body Test Pressure	300 psi (PTFE only 225 psi)
Sealing Test Pressure	220 psi (PTFE only 165 psi)
Application Temp.	EPDM < 250°F BUNA < 220°F
Body Material	Cast or Ductile Iron
Disc Material	Various (NP-DI, AB, SS, NY11)
Shaft Material	SS416 to ASTM A276

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH:			DEBUR AND BREAK SHARP EDGES			
DRAWN	NAME	SIGNATURE	DATE	REV	DATE	DESCRIPTION				
CHK'D	BW		2/22/2011	8	3/3/2014	Corrected Q Dim				
APPV'D				9	2/4/2015	Added 1-1/2" Size				
MFG										
Q.A										
REVISION: 0	DO NOT SCALE DRAWING									



TITLE: **051 Series 1.5"-12"
Lug Butterfly Valves**

DWG NO. **051 Series 1.5-12in** 8.5x11"

SCALE:1:4 WEIGHT: SHEET 1 OF 1