



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(mm)	H1	H2	H3	S (mm)	F(mm)	ISO
1.5"	1.30	0.81	4.33	3.74	4-18	2.48	4.92	1.18	9	50	F05
2"	1.69	1.13	4.75	3.82	4-22	2.60	5.12	1.18	9	50	F05
2.5"	1.81	1.79	5.50	4.45	4-18	3.23	5.55	1.18	9	50	F05
3"	1.81	2.45	6.00	4.92	8-18	3.54	5.83	1.18	9	50	F05
4"	2.05	3.50	7.50	6.14	4-18	4.25	6.69	1.18	11	70	F07
5"	2.20	4.55	8.50	7.36	4-22	4.84	7.36	1.18	14	70	F07
6"	2.20	5.71	9.50	8.46	4-22	5.43	7.95	1.18	14	70	F07
8"	2.36	7.77	11.75	10.51	4-26	6.69	9.37	1.42	17	102	F10
10"	2.68	9.76	14.25	13.00	4-26	7.87	10.71	1.42	22	102	F10
12"	3.07	11.73	17.00	15.25	4-26	9.29	12.01	1.42	22	102	F10

#### TECHNICAL SPECIFICATIONS

Nominal Size (in)	1-1/2" 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

	NAME	SIGNATURE	DATE	REV	DATE	DESCRIPTION
DRAWN	BW		2/21/2011	8	3/3/2014	CORRECTED Q DIM
CHK'D						
APPV'D						
MFG						
Q.A						
REVISION: 8						

DO NOT SCALE DRAWING

WEIGHT:

MATERIAL:



TITLE: 050 Series 1½-12"  
Wafer Butterfly Valves

DWG NO.

050 Series 1.5-12in

8.5x11"

SCALE:1:4

SHEET 1 OF 1