



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

Valve Size	L	D1	D2	n x T	H1	H2	H3	S (mm)	F (mm)	ISO
14"	3.07	18.75	21.00	12 x 1-8 UNC	10.31	12.99	1.65	22	102	F10
16"	4.02	21.25	23.50	16 x 1-8 UNC	11.77	14.17	2.01	27	140	F14
18"	4.49	22.75	25.00	16 x 1 1/8-7 UNC	12.80	15.55	2.01	27	140	F14
20"	5.00	25.00	27.50	20 x 1 1/8-7 UNC	14.17	17.32	2.52	27	165	F16
24"	6.06	29.50	32.00	20 x 1 1/4-7 UNC	16.54	19.69	2.76	36	165	F16

TECHNICAL SPECIFICATIONS	
Nominal Size (in)	14" thru 24"
Nominal Pressure	150 psi
Body Test Pressure	225 psi
Sealing Test Pressure	110% Rated Pressure
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 A582

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		5/30/2012	1	11/26/2012	BODY MAT'L & TEST PRESSURE				
CHK'D				2	3/19/13	H1,H2,H3,&S dim's updated				
APPV'D										
MFG										
Q.A						MATERIAL:				
REVISION	2	DO NOT SCALE DRAWING	WEIGHT:							



**TITLE:**  
 051 Series 14-24" Lug  
 Butterfly Valves

**DWG NO.:**  
 051 Series 14-24in

8.5x11"

SCALE:1:6 SHEET 1 OF 1