

Darshan

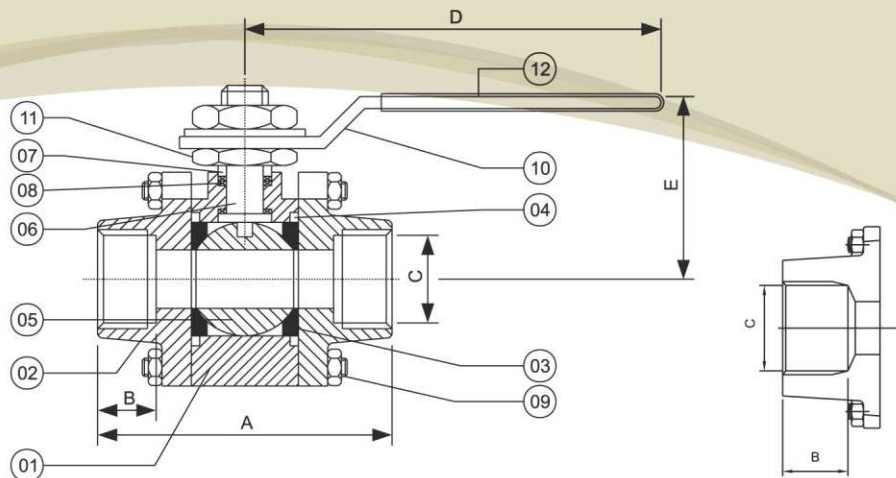
Valve & Controls

Forged Steel
Three Piece Design
Ball Valve

Regular Port, Screwed End,
BSP/NPT, Socketweld,
Butt-weld End
ANSI Class - 800#

Flanged End
ANSI Class - 150# / 300#
Flanged to ANSI B 16.5 RF

Size Range : 6 mm to 50 mm



DIMENSIONS (IN MM)

Valve / Size	A	B	C	D	E
6	65	11.5	13.80 13.60	154	66
10	67.5	14	18.30 18.10	154	66
15	72	15	21.72 21.97	160	66
20	79	20	27.30 27.05	155	70
25	93	22	34.03 33.78	154	70
32	107	22	43.00 42.60	194	95
40	110	22	48.90 48.64	194	95
50	125	22	61.11 61.36	194	95

MATERIAL SPECIFICATION

NO.	PART NAME	QTY.	MATERIALS	
1.	BODY	1	ASTM A 105	STAINLESS STEEL ASTM A 351 GR. 304-316
2.	BODY ADAPTOR	2		
3.	BALL SEAT	2	VIRGIN PTFE	
4.	BODY SEAL	2	VIRGIN PTFE	
5.	BALL	1	ASTM A 351 GR. CF8M	
6.	STEM	1	S.S. AISI 316	
7.	GLAND	1	S.S. AISI 316	
8.	GLAND PACKING	3	35% CARBON FILLED PTFE	
9.	STUD BOLT	4	SAE J4 29 HI-TENSILE	
10.	LEVER	1	M.S.	S.S AISI 304
11.	LEVER NUT	1	S.S. AISI 304	
12.	LEVER SLEEVE	1	SPECIAL PVC	

TEST PRESSURE

TEST	MEDIUM	PRESSURE
SEAT	HYDRAULIC	70 KG / CM ²
SEAT	AIR	5.5 TO 7.0 KG / CM ²
BODY	HYDRAULIC	210 KG / CM ²

MATERIALS CHEMICAL COMPOSITION

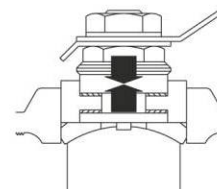
MAT	C	SI	MN	P	S
ASTM A 105	MAX 0.35	MAX 0.35	0.6 -1.05	MAX 0.04	MAX 0.05

• GLASS PTFE, CARBON PTFE, BRONZE PTFE
AVAILABLE ON REQUEST.

• Mfg. Standard : BS 5351 / API 6D • Testing Standard : API 598
• Threads : BSP / BSPT / NPT as per gauge size.

BLOW OUT PROOF STEM

Darshan Valves is providing maximum safety with bottom entry Stem. Internal pressure works to help make the seal rather than break it as in a top entry Stem Design. The design ensures that Stem blow out does not take place. Safeguarding personnel working in it's vicinity. Opposed Belleville washers act as a spring to Compensate for wear & tear expansion and contraction.



SPECIAL FEATURES

Darshan Valves are provided with three interlaced PTFE rings clubbed together, triple locking PTFE rings to make zero leak from gland. This act as a cushion and suppresses pressure and helps in zero leak performance from gland.

AS WE CONTINUOUSLY ENDEAVOUR TO IMPROVE OUR PRODUCTS, THE DATA, DIMENSIONS, SPECIFICATIONS & DRAWINGS GIVEN HEREIN ARE SUBJECT TO CHANGE.

Manufactured By :



Darshan
Valve & Controls

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