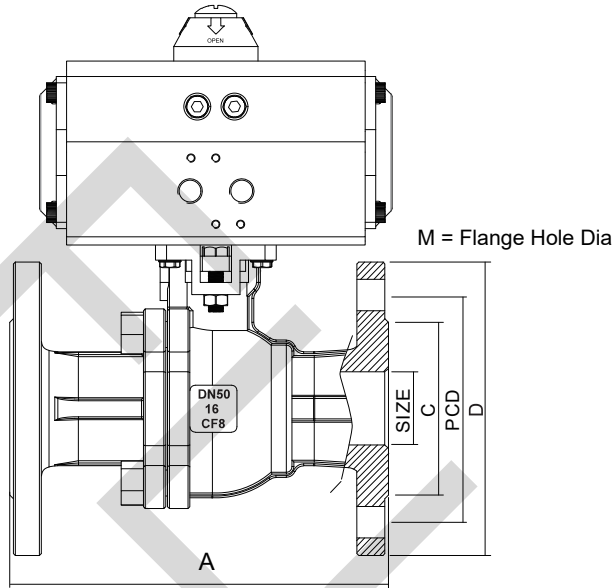


BALL VALVE FLANGE END WITH ACTUATOR



Valve completely fitted with actuator for direct operation

Valve operated with pneumatic actuator,

Air Actuation Pressure: min. 5 to 6 bar

Type: Double acting, Single acting spring return

Actuation Medium: Air

Operation: Ideally, with a 3/2 or 5/2 Way Solenoid directional control valve

Solenoid Valve: Can be provided on request

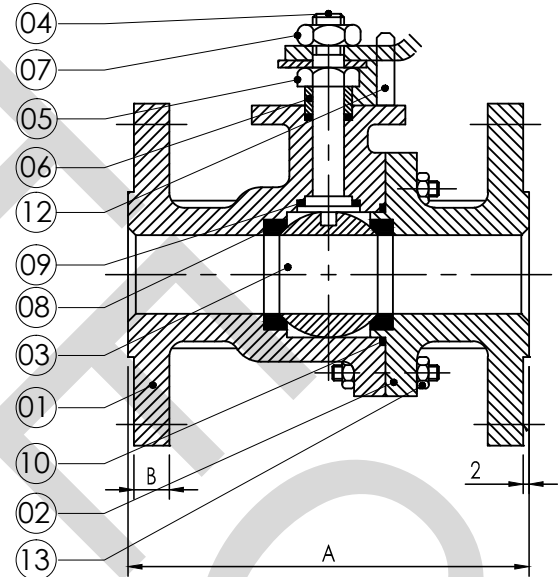
Position indicator: Optical included,

Limit switch: For feedback open/close on request.

Please FLUTEC Actuator datasheet for further details like torque, dimensions, inlet/outlet connections

Ball Valve ANSI150 class ASME B16.5 / B16.10

SIZE		CLASS - 150						
IN.	M.M.	A	B	Ø C	Ø D	Ø M	N	PCD
1/2"	15	109	8	35	89.0	16	4	60.4
3/4"	20	118	9	43.5	100	16	4	69.8
1"	25	128.5	10	51	110	16	4	79.2
1.1/4"	32	141	12	63.5	117	16	4	88.0
1.1/2"	40	167	13	73	125	16	4	98.5
2"	50	180	14.5	93	150	19	4	120.6
2.1/2"	65	190	22.35	104	178	19	4	139.7
3"	80	201	18	127	190	19	4	152.4
4"	100	232	23	156	230	19	8	190.5
5"	125	254	24.0	186	254.0	22	8	215.9
6"	150	267	25.0	216	279.0	22	8	241.3
8"	200	292	28.5	270	343.0	22	8	298.4



SR NO.	DESCRIPTION	MATERIAL	QTY.
01	BODY	C.S. / CF8 / CF8M	1
02	BODY CONNECTOR	C.S. / CF8 / CF8M	1
03	BALL	S.S. 304 / 316	1
04	STEM	S.S. 304 / 316	1
05	GLAND NUT	S.S 202 / 304 / 316	1
06	GLAND BUSH	S.S 202 / 304 / 316	1
07	LOCK NUT	S.S 202 / 304 / 316 M.S.	1
08	SEAT RING	PTFE / GFT(CFT) PIK	2
09	STEM SEAL	PTFE / GFT	2
10	BODY SEALANT RING	PTFE / GFT	1
11	LEVER	M.S. / S.S. 304 S.S. 316	1
12	STOPPER PIN	S.S.	1
13	STUD & NUT	M.S. / S.S.	-

TECHNICAL DATA	
DESIGN & MANUFACTURING STD.	BS 5351
TESTING & INSPECTION STD.	API 598 / BS 5146
END CONNECTIONS :	FLANGED AS PER ANSI B 16.5
SOCKET WELD ENDS	
FACE TO FACE :	AS PER ANSI B 16.10

PRIMARY SERVICE RATING & TEST PRESSURE				
CLASS	WORKING PRESSURE	TEMP.	HYD. TEST PRESSURE BODY	SEAT
150	20 bar	180 ° F	425 PSIG	300 PSIG
			30 Kg.	22 Kg.

AIR TEST - SEAT 80 PSIG ± 10 PSIG