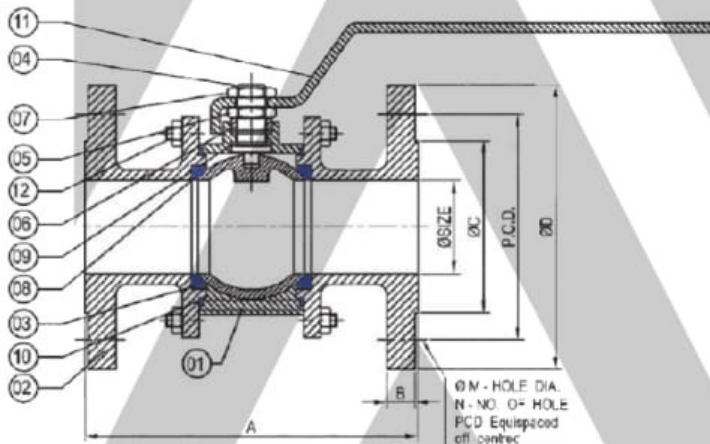


3 PC BALL VALVE (150# / 300#)

"Apollo" make ball valve is a form of quarter-turn valve which uses a hollow, perforated and pivoting ball to control flow through it. It is open when the ball's hole is in line with the flow and closed when it is pivoted 90 degree by the valve handle.



NO	DESCRIPTION	MATERIAL	QTY.
01	BODY	C.S / C.I. CF8 / CF8M	1
02	BODY CONNECTOR	C.S. / C.I. CF8 / CF8M	2
03	BALL	S.S. 202 / 304 / 316	1
04	STEM	S.S. 202 / 304 / 316	1
05	GLAND NUT	S.S. 202 / 304 / 316 / M.S.	1
06	GLAND BUSH	S.S. 202 / 304 / 316 / M.S.	1
07	LOCK NUT	S.S. 202 / 304 / 316 / M.S.	1
08	SEAT RING	PTFE	----
09	STEM SEAL	PTFE	----
10	BODY SEALENT RING	PTFE	----
11	LEVER	C.S. / S.S. 304 / S.S. 316	1
12	STUD & NUT	C.S. / S.S.	1

TECHNICAL DATA

DESIGN & MANUFACTURING STD.	BS-5351 / API / 602
TESTING & INSPECTION STD.	API 598 / BS 5146
END CONNECTIONS :	FLANGED AS PER ANSI B-16.5
SHELL WALL THICKNESS	
FACE TO FACE :	AS PER ANSI / B 16.10

PRIMARY SERVICE RATING & TEST PRESSURE

CLASS	WORKING PRES.	TEMP.	HYD. TEST PRESS. BODY	SEAT
150	150 PSIG	180°F	425 PSIG	300 PSIG
300	300 PSIG	180°F	1100 PSIG	800 PSIG

SIZE		CLASS - 150						
IN.	M.M.	A	B	ØC	ØD	ØM	N	P.C.D.
1/2"	15	108	10	35	89	16	4	60.4
3/4"	20	118	10.5	43	98	16	4	69.8
1"	25	127	11	51	108	16	4	79.2
1.1/4"	32	140	12.7	65	117	16	4	88.9
1.1/2"	40	165	14.2	73	127	16	4	98.5
2"	50	178	15.7	92	152	19	4	120.6
2.1/2"	65	191	17.5	105	178	19	4	139.7
3"	80	203	19	127	190.5	19	4	152.4
4"	100	229	24	157	229	19	8	190.5
5"	125	254	24	186	254	22	8	215.9
6"	150	267	25.5	216	279	22	8	241.3
8"	200	292	29.0	270	343	22	8	298.4

SIZE		CLASS - 300						
IN.	M.M.	A	B	ØC	ØD	ØM	N	P.C.D.
1/2"	15	140	14.2	35	95	16	4	66.5
3/4"	20	152	15.7	43	117	19	4	82.5
1"	25	165	17.5	51	124	19	4	88.9
1.1/2"	40	190.5	20.5	73	155.5	22	4	114.3
2"	50	216	22	92	165	19	8	127
2.1/2"	65	241	25	105	190.5	22	8	149.3
3"	80	282.5	28.5	127	209.5	22	8	168
4"	100	305	32	157	254	22	8	200