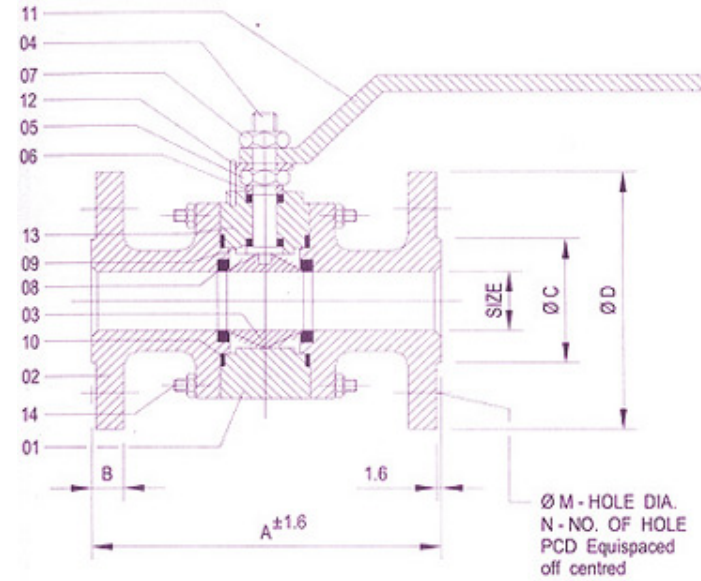


UNIMAC BALL VALVES

Three Piece Design (Flange End)



Suitable for : - Water, Oil and Gas

Primary service rating & test pressure

Class	Working press.	HYD. Test pressure		
		Body	Seat	Temp.
150	150 PSIG	425 PSIG	300 PSIG	200 °F
300	300 PSIG	1100 PSIG	800 PSIG	200 °F

Air Test - Seat 80 PSIG ± 10 PSIG

Technical Data

Design & Manufacturing STD	: API 602
Testing & Inspection STD	: API 598/ BS : 5146
Face to Face	: as per ANSI B 16.10
End connections	: Flanged as per ANSI B 16.5

No.	Description	Material	Qty.
01	Body	C.I. / C.S. / S.S. 304 S,S, 316	1
02	Body connector	C.I./C.S./S.S. 304 / S.S. 316	2
03	Ball	AISI 304 / AISI 316	1
04	Stem	AISI 304 / AISI 316	1
05	Gland nut	AISI 304 / AISI 316	1
06	Gland bush	AISI 304 / AISI 316	1
07	Lock Nut	AISI 304 / AISI 316	1
08	Seat Ring	PTFE	2
09	Stem Seal	PTFE	2
10	Body Sealent ring	PTFE	2
11	Wrench	C.S. / S.S. 304 / S.S. 316	1
12	Stop	C.S. / S.S. 304 / S.S. 316	1
13	Stopper pin	C.S. / S.S. 304 / S.S. 316	1
14	Stud & Nut	C.S. / S.S.	--

Class - 150

Size	A	B	øC	øD	øM	N	PCD
15	109	11.1	35	89.0	16	4	60.4
20	119	12.7	43	98.0	16	4	70.0
25	128	14.2	51	108.0	16	4	79.0
32	141	15.7	64	117.0	16	4	89.0
40	166	17.5	73	127.0	16	4	98.5
50	177	19.0	92	152.0	19	4	120.5
65	190	22.3	105	178.0	19	4	140.0
80	202	24.0	127	190.5	19	4	152.4
100	230	24.0	157	229.0	19	8	190.5
125	255	24.0	186	254.0	22	8	216.0
150	266	25.0	216	279.0	22	8	241.0
200	291	28.5	270	343.0	22	8	298.0
250	331	30.0	324	406.0	25	12	362.0

Class - 300

Size	A	B	øC	øD	øM	N	PCD
15	141	14.2	35	95.0	16	4	66.5
20	153	15.7	43	117.0	19	4	82.5
25	164	17.5	51	124.0	19	4	89.0
32	177	19.0	64	133.0	19	4	98.5
40	191	20.5	73	155.5	22	4	114.0
50	215	22.0	92	165.0	19	8	127.0
65	240	25.0	105	190.5	22	8	149.0
80	282	28.5	127	209.5	22	8	168.0
100	306	32.0	157	254.0	22	8	200.0
125	380	35.0	186	279.4	22	8	235.0
150	402	36.5	216	317.5	22	12	270.0
200	421	41.0	270	381.0	25	12	330.0
250	458	47.5	324	444.5	29	16	387.0

All dimension are in mm

Note : Due to constant up gradation, dimensions are subject to change by the manufacturer.