

BALL VALVES

Flanged 3 Piece Ball Valve



TECHNICAL DATA

Connection	DIN1092-2
Working pressure	PN16 / PN40
Working temperature	• GG25 Cast Iron: -29°C / +150°C • GGG40.3 Ductile Iron: -29°C / +180°C • RG5 - RG10 Bronze Casting: -29°C / +110°C • Carbon Steel: -29°C / +180°C

WHERE IT IS USED

- Chemical - Petrochemical
- Water - Wastewater
- Heating - Cooling Systems
- Maritime Applications
- Mining Applications
- Power Stations

DIMENSION TABLE

DN	L	KB	h	f	D	PN16 b	PN16 ØK	PN16 d _{xn}	D	PN40 b	PN40 ØK	PN40 d _{xn}	F	G	S	KG
15	130	150	80	2	95	14	65	14x4	95	14	65	14x4	46	36	M5	2,50
20	150	150	85	2	105	16	75	14x4	105	16	75	14x4	56	36	M5	3,70
25	160	185	90	2	115	16	85	14x4	115	16	85	14x4	65	42	M5	4,50
32	180	240	100	2	140	18	100	19x4	140	18	100	19x4	76	42	M5	6,80
40	200	280	120	3	150	18	110	19x4	150	18	110	19x4	84	50	M6	9,40
50	230	280	125	3	165	20	125	19x4	165	20	125	19x4	99	50	M6	12,20
65	290	330	150	3	185	20	145	19x4	185	22	145	19x8	118	70	M8	18,80
80	310	400	160	3	200	22	160	19x8	200	24	160	19x8	132	70	M8	26,00
100	350	460	175	3	220	24	180	19x8	235	26	190	22x8	156	102	M10	43,00
125	400	460	200	3	250	26	210	19x8	270	28	220	26x8	184	125	M12	62,00
150	450	670	265	3	285	26	240	23x8	300	30	250	26x8	211	125	M12	95,00
200	550	750	325	3	340	30	295	23x12	375	36	320	30x12	266	125	M12	172,00

MATERIAL LIST

No	Part	Material
1	BODY	GG25 / GGG40 / RG5 / RG10 / CARBON STEEL
2	BONNET	GG25 / GGG40 / RG5 / RG10 / CARBON STEEL
3	BALL	AISI420 / AISI304 / AISI316 / RG5
4	STEM	AISI420 ND
5	BALL SEAL	PTFE
6	NECK SEAL	PTFE
7	PRES.RING	ST42 f
8	WASHER	CK70
9	COUNTER NUT	5.6.
10	BOLT	ST42
11	NUT	5.6.
12	STOP. PIM	ST42
13	HANDLE	ST37

DATA SOURCE

Metroend-Urun-Katalogu.pdf · printed page 18 (PDF 21)

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<https://vana.bogahost.com/en/products/valves/ball-valves/flanged-3-piece-ball-valve>

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