

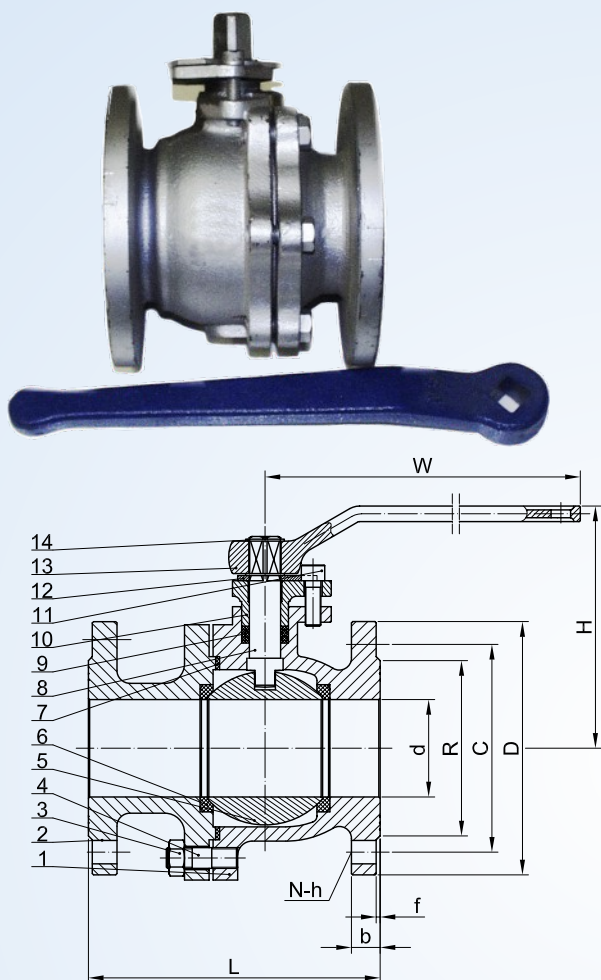
INDUSTRIAL VALVE & ENGINEERING SUPPLIES VALVE & ENGINEERING MERCHANT COMPANY

BMC
VALVE

Break Away
Brand Valves

FIG 7

CAST IRON FLANGED BALL VALVE CLASS 150



1. Design and Manufacture : ANSI B16.1
2. Face to Face : ANSI B16.10
3. End Flange Dimensions : ANSI B16.1
4. Nominal Pressure : CLASS 150
5. Pressure Test : API 598

Max Temp: 150 Deg c

NO	PART NAME	MATERIAL
1	BODY	CAST IRON (ASTM A126-B)
2	BONNET	CAST IRON (ASTM A126-B)
3	NUT	CARBON STEEL
4	BOLTING	CARBON STEEL
5	BALL	STAINLESS STEEL (A182 F304)
6	SEAT	PTFE
7	GASKET	PTFE
8	STEM	STAINLESS STEEL (A182 F304)
9	STEM PACKING	PTFE
10	GLAND FLANGE	CAST IRON (ASTM A126-B)
11	GLAND BOLT	CARBON STEEL
12	STOP COLLAR	CARBON STEEL
13	LEVER	DUCTILE IRON
14	CIRCLIP	CARBON STEEL

SIZE DN (MM)	15	20	25	32	40	50	65	80	100	125	150	200	250
d	15	20	25	32	40	50	65	80	100	125	150	200	250
L	108	117	127	140	165	178	190	203	229	356	394	457	533
H	78	113	107	113	130	146	176	222	222	250	275	-	-
W	130	160	160	160	250	250	350	350	400	600	600	-	-
D	89	98.6	108	117	127	152	178	191	229	254	279	343	406
C	60.5	70	79.5	89	98.5	120.5	139.5	152.5	190.5	216	241.5	298.5	362
R	35	43	51	53.5	73.2	92	104.7	127	157.2	186	216	270	332
b	9.7	10.5	11.2	12.7	14.2	15.9	17.5	19.1	23.9	24	25.4	28.5	30.2
N-h	4-ø16	4-ø16	4-ø16	4-ø16	4-ø16	4-ø19	4-ø19	4-ø19	8-ø19	8-ø22	8-ø22	8-ø22	12-ø25
f	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Weight Kg	3.2	3.6	4.3	6.6	7.9	9.4	12.8	15.5	22.2	38.9	55.3	86.1	240
Torque Figure Including 50% Safety Factor (N.m)	9	13.5	21	31.5	48	82.5	90	157.5	247.5	375	735	1290	1650

All Specifications are subject to change without notice

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