



PRESSURE BRAND DUAL PLATE Check Valve WAFER TYPE PN16.

PRODUCT DESCRIPTION

- **Connection Ends**
BS EN 1092 PN10/PN16, AS 2129
BS 10 Table D/E
- **Working Pressure**
PN16
- **Temperature Range**
0°C – 100°C
- **Coating**
Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550

MATERIALS OF CONSTRUCTION

Part No.	Part	Standard Specification
1	Valve Body	EN-GJS-450-10
2	Disc	SS316
3	Stem	SS420
4	Spring	SS304
5	Rubber Seat	EPDM

DIMENSIONS (IN MM)

Inch	mm	L	D	D1	D2
2"	50	54	106	68	46
2.5"	65	60	127	78	60
3"	80	57	134	102	70
4"	100	67	162	117	84
5"	125	83	194	145	115
6"	150	95	218	170	134
8"	200	127	277	226	184
10"	250	140	336	265	220
12"	300	181	406	310	260
14"	350	184	447	360	302
16"	400	191	505	410	350



Notes : 1.Product images are for illustration purposes only. Actual product may vary.

2. Actual dimensions may change over time, due to continual design improvements. Please confirm before placing order.

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PRESSURE BRAND WAFER DISC CHECK VALVE

PRODUCT DESCRIPTION

- **Product** : PRESSURE S.S. Wafer Disc Check Valve
- **Pressure/Class /Rating** : PN-40
- **Body Material cum standard** : CF-8/ CF 8 M
- **Product Description** : Wafer Type Spring Loaded
- **Type of Disc** : Stainless Steel CF-8/CF 8 M
- **End Details** : Wafer Type Suitable for Clamping between Flanges as per ASME B 16.5 Class-150, Class-300, PN-40

TESTING & CERTIFICATION

- **Body Test Pressure** : 60 Barg Hyd.
 - **Seat Test Pressure** : 40 Barg Hyd.
- Our Works' Test Certificate is furnished with every supply

MATERIALS OF CONSTRUCTION

Components	Materials	Specifications
Body, Disc	C.S.S.	ASTMA 351 CF8/CF 8 M
Lock	C.S.S./S.S.	ASTMA 351 CF8/AISI-304
Spring	S.S.	AISI-304



DIMENSIONS (IN MM)

Nominal Size	Nominal Size (Inches)	A	B	C	D
15	1/2	17±1.5	15	41	60
20	3/4	20±1.5	19	46	70
25	1	23±1.5	25	55	80
32	1 1/4	28±1.5	32	66	89
40	1 1/2	32±1.5	38	77	101
50	2	40±1.5	50	90	116

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PRESSURE BRAND BRONZE GATE VALVE (HEX. TYPE) (SCREWED)

MATERIALS OF CONSTRUCTION

P.No.	Name of Part	Material of Construction	Specification	Quantity
1	Screw / Bolt	Carbon Steel (Zinc Plated)	---	1
2	Washer	Carbon Steel (Zinc Plated)	---	1
3	Hand wheel	Sheet Metal (Powder Coated)	---	1
4	Stem	Forged Brass	IS 6912 Gr. FLB	1
5	Gland Nut	Forged Brass	IS 6912 Gr. FLB	1
6	Gland	Forged Brass	IS 6912 Gr. FLB	1
7	Gland Packing	PTFE	BS EN 12086 – 1	–
8	Bonnet	Forged Brass	IS 6912 Gr. FLB	1
9	Check Nut	Forged Brass	IS 6912 Gr. FLB	1
10	Body	Bronze	IS 318 Gr. LTB 2	1
11	Wedge	Forged Brass	IS 6912 Gr. FLB	1
12	Name Plate	Aluminum	---	1

SIZES / DIMENSIONS

Size (Inches)	Size (mm)	A ±1.5	B ~	ØC ~	D
1/4	8	35	92	60	1/4"
3/8	10	38	96	60	3/8"
1/2	15	41	103	60	1/2"
3/4	20	45	122	65	3/4"
1	25	50	137	70	1"
1 1/4	32	54	150	90	1 1/4"
1 1/2	40	60	166	90	1 1/2"
2	50	65	200	110	2"
2 1/2	65	76	250	120	2 1/2"
3	80	92	292	138	3"
4	100	105	365	160	4"



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Approved by
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MANUFACTURER OF INDUSTRIAL VALVES AND GEARS