

GATE VALVE - METAL SEATED - PN16

CAST IRON - DUCTILE IRON - CAST STEEL

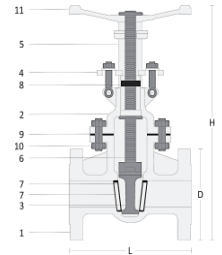
Rising Stem (OS&Y) Outside Screw & Yoke, Bolted Bonnet, Flange End
Flange outer & drilling to EN 1092 | BS 4504

Testing to: EN 12266-1 | BS 6755

Design & Compliances: EN 1171, EN 558-1 (3), BS 5150, BS 5163,
AWWA C500-09

Applications: Hot & Cold Water, Oil, Raw Water, Steam

Product Information: Gate Valves also known as Sluice Valves,
Isolating Valves & Washout Valves are Linear Motion Valves in which
a flat closure element slides into the flow stream to provide shut-off,
they are excellent for use anywhere a shut off valve is needed.



CHEMICAL COMPOSITION		CAST IRON EN-GJL-250	DUCTILE IRON EN-GJS-450	CAST STEEL GP-240-GH
Pressure Ratings		PN16	PN16	PN16
Sr. No	Parts	Fig No. A113	Fig No. A114	Fig No. A115
01	Body	Cast Iron + Metal Facing Rings	Ductile Iron + Metal Facing Rings	Cast Steel + Metal Facing Rings
02	Bonnet	Cast Iron	Ductile Iron	Cast Steel
03	Wedge - Disc - Gate	Cast Iron + Metal Facing Rings	Ductile Iron + Metal Facing Rings	Cast Steel + Metal Facing Rings
07	Body + Wedge Facing Seat Rings	Brass CW614N - Bronze CC491K - S.S. 410 Cr13 - S.S. 304 - S.S. 316		
06	Stem - Trim - Spindle	Brass CW614N - Bronze CC491K - S.S. 410 Cr13 - S.S. 304 - S.S. 316		
04	Gland	Cast Iron	Ductile Iron	Cast Steel
05	Yoke	Cast Iron	Ductile Iron	Cast Steel
08	Gland Packing	Non-Asbestos - Flexible Graphite		
09	Gasket	Non-Asbestos - Flexible Graphite		
10	Nut Bolts	Carbon Steel ISO 8.8 - Galvanized - S.S. 304 ASTM A193 B8		
11	Handwheel	Cast Iron	Ductile Iron	Cast Steel
Painting		Epoxy - Polyurethane - Temperature Resistant		

SPECIAL EXECUTIONS - SUBJECT TO MANUFACTURER ACCEPTANCE

- Wedge: Brass, SS 304, SS 316
- Seat Rings & Stem: SS 304L, SS 316L
- Gasket, Gland Packing: Wire Woven
- Operation: Extendable Spindle, Chain Sleeve Operation, Gear Operated, Motor Operated
- Locking Device: Chain Locking System

Larger Dia's may possible to manufacture, Data Sheets to submit separately

Sizes (mm)	MILLIMETER DIMENSIONS																			
	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200
(L) Face to Face	165	178	190	203	229	254	267	292	330	356	381	406	432	457	508	610	660	711	762	864
(D) OD	150	165	185	200	220	250	285	340	405	460	520	580	640	715	840	910	1025	1125	1255	1485
(H) Height	340	390	445	510	620	680	770	940	1120	1335	1500	1680	1810	2030	2370	-	-	-	-	-
(W) Wheel	170	200	200	225	240	240	285	285	400	495	495	495	495	700	700	-	-	-	-	-

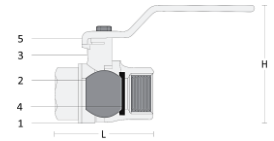
BRASS DZR BALL VALVE
PN20 - PN25

De-Zincification Brass, Lever Operated, Full Bore, Female Threaded
Threads to EN 10226-1 comply with BS21

Testing to: EN 12266-1 | BS 6755

Design & Compliances: BS 1212

Applications: Hot & Cold Water, Oil & Gas, Steam



Product Information: Ball Valves, also known as Drain Valves, are quarter-turn, straight through flow valves that have a round closure element with matching rounded seats that permit uniform sealing stress, they are wide duty valves, able to transfer gases, liquids with suspended solids (slurries).

CHEMICAL COMPOSITION		BRASS CW617N	BRONZE CC491K
Pressure Ratings		PN20 - PN25	PN20
Sr. No	Parts	Fig No. H101	Fig No. H102
01	Body	Brass	Bronze
02	Ball	Brass	Bronze
03	Stem	Brass	Bronze
04	Ball Seat (Packing)	PTFE Teflon	
05	Lever	Aluminum - Steel	

* Imported

Brass Valves Upto 2" Dia will be in PN25 & above than 2" Dia will be in PN20.

		DIMENSIONS IN MILLIMETER								
Sizes (mm)		15	20	25	32	40	50	65	80	100
(L) Face to Face		50	58	70	80	91	108	132	151	179
(H) Height		62	68	79	87	100	113	144	165	195
(D) Dia		15	20	25	32	40	50	65	80	100

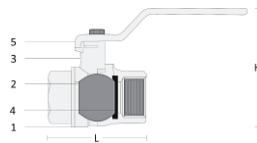
BRONZE BALL VALVE
PN20

Lever Operated, Full Bore, Female Threaded
Threads to EN 10226-1 comply with BS21

Testing to: EN 12266-1 | BS 6755

Design & Compliances: BS 1212

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		DIMENSIONS IN MILLIMETER								
Sizes (mm)		15	20	25	32	40	50	65	80	100
(L) Face to Face		53	61	71	85	92	114	134	152	182
(H) Height		52	61	73	82	90	108	150	172	200
(D) Dia		15	20	25	32	40	50	65	80	100