



Ref: **3020**

Heavy ball valve

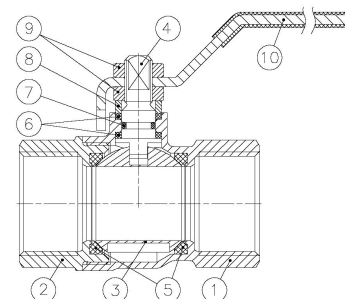


Features

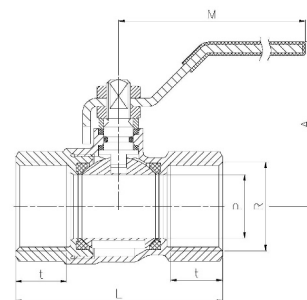
1. Full-bore ball valve.
2. Chrome-plated brass construction in accordance with UNE-EN 12165.
3. Female-female (H-H) gas thread (BSP) ends in accordance with ISO 228/1.
4. Operated by a steel lever.
5. Operating temperature range: -20°C to 110°C.
6. Maximum working pressure 40 bar (PN 40).
7. PTFE seats.
8. Product certified to KIWA KUK and ACS standards
9. Complies with Royal Decree 03/2023: Criteria for the quality of water intended for human consumption.



No.	Name	Material	Surface Finish
1	Body	Brass (CW617N)	Shot blasting + Chrome plating
2	Cover	Brass (CW617N)	Shot blasting + Chrome plating
3	Sphere	Brass (CW617N)	Chrome-plated
4	Axis	Brass (CW617N)	Chrome-plated
5	Seats	PTFE	-
6	Press ring	PTFE	-
7	Toric	NBR	-
8	Press ring	Brass	Chrome-plated
9	Nut	Brass	Chrome-plated
10	Handle	Steel	Dacromet



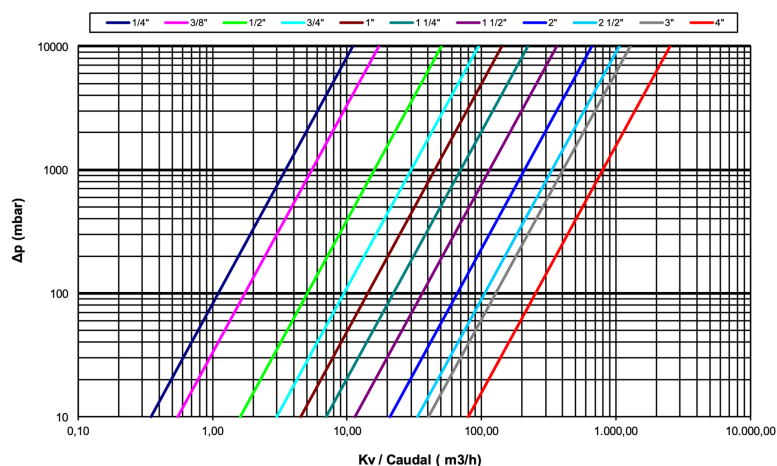
Ref.	Measure	Dimensions (mm)				Weight (kg)
		P	A	L	M	
3020 02	1/4"	10	45	48	84	0.128
3020 03	3/8"	10	45	50	84	0.122
3020 04	1/2"	15	47	58	84	0.172
3020 05	3/4"	20	58	65	98	0.286
3020 06	1"	25	61	78	98	0.431
3020 07	1 1/4"	32	74	88	126	0.696
3020 08	1 1/2"	40	80	105	126	0.991
3020 09	2"	50	91	122	158	1.542
3020 10	2 1/2"	59	96	140	158	2.43
3020 11	3"	72	118	163	195	3.863
3020 12	4"	90	133	190	261	6.33



PRESSURE DROP DIAGRAM (Full-bore threaded valves)

Kv = The number of cubic metres per hour that will flow through the valve, resulting in a pressure drop of 1 bar.

Measure	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Kv	3.5	5.5	16	30	45	70	115	210	335	405	800



PRESSURE-TEMPERATURE CURVE

