

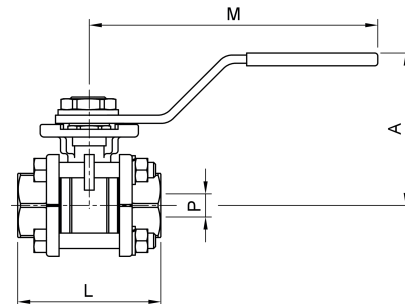
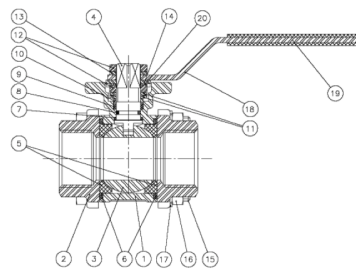
Ref: **2025**

3 pcs full bore ball valve



Features

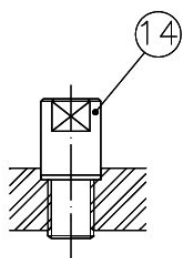
1. 3-piece full-bore ball valve
2. Threaded ends in accordance with ISO 7-1 (EN 10226-1).
3. Constructed from 1.4408 (CF8M) stainless steel.
4. Seats: PTFE + 15 per cent glass fibre.
(for other materials, please enquire)
5. FKM (Viton) O-ring on the stem.
6. Shaft seals made of PTFE + 15% graphite.
7. Locking system.
8. Direct actuator mounting in accordance with ISO 5211.
9. Non-ejectable shaft
10. Maximum working pressure 63 bar
11. Operating temperature: -25 °C to +180 °C.



No.	Name	Material	Surface Finish	Spare Part Code
1	Body	Stainless steel 1.4408	Shot blasting	-----
2	Cover	Stainless steel 1.4408	Shot blasting	-----
3*	Ball	Stainless steel 1.4408	Polishing	2907 / 2904 (4")
4*	Axis	AISI 316 stainless steel	-----	2905
5*	Seat	PTFE + 15% F.V.	-----	2820
6*	Meeting	PTFE + graphite	-----	2820
7*	Washer	PTFE + graphite	-----	2820
8*	Toric	FKM	-----	2820
9*	Gasket	PTFE	-----	2820
10	Press Ring	AISI 304 stainless steel	-----	-----
11	Belleville washer	Stainless steel AISI 301	-----	-----
12	Nut	AISI 304 stainless steel	-----	-----
13	Washer	AISI 304 stainless steel	-----	-----
14	Stop	AISI 304 stainless steel	-----	-----
15	Screw	AISI 304 stainless steel	-----	-----
16	Nut	AISI 304 stainless steel	-----	-----
17	Arandela Grover	AISI 304 stainless steel	-----	-----
18	Handle	AISI 304 stainless steel	-----	-----
19	Case	Vinyl	-----	-----
20	Anti-spin	AISI 304 stainless steel	-----	-----

* Spare parts available

Available only in sizes from 2 ½" to 4"

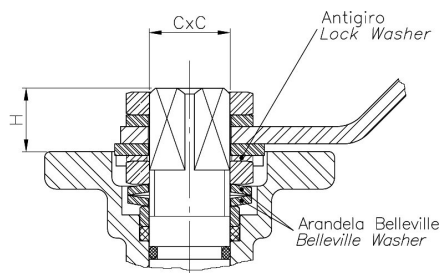


TOPE MANETA
HANDLE STOPPER

Detail of the axle area

Anti-rotation: Prevents the shaft nut from coming loose during high-frequency operation.

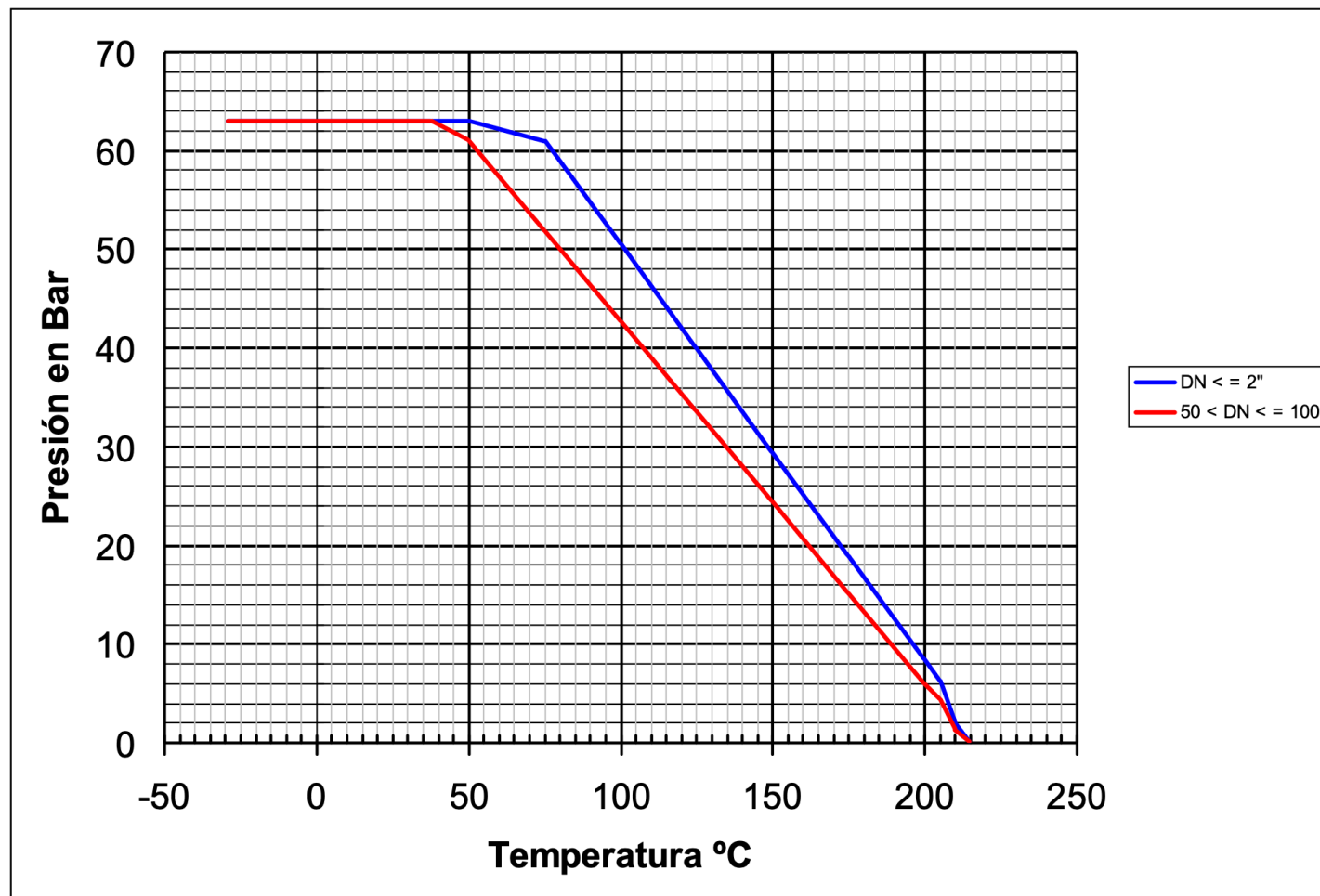
Belleville spring washers: Belleville spring washers provide a constant load on the press, ensuring a secure seal under varying operating conditions.

**GENERAL DIMENSIONS**

Ref.	Measure	Dimensions (mm)				ISO 5211	Weight (kg)
		P	L	A	M		
2025 02	1/4"	11	47,6	60	112	F-03	0.391
2025 03	3/8"	12,7	47,6	60	112	F-03	0.373
2025 04	1/2"	15	56	60	112	F-03/F-04	0.428
2025 05	3/4"	20	73	70	138	F-04/F-05	0.827
2025 06	1"	25	82	70	138	F-04/F-05	1.027
2025 07	1 1/4"	32	91	88	160	F-05/F-07	1.855
2025 08	1 1/2"	40	104	94	205	F-05/F-07	2.513
2025 09	2"	50	120	100	205	F-05/F-07	3.573
2025 10	2 1/2"	65	155	150	325	F-07/F-10	8.856
2025 11	3"	80	182	165	325	F-07/F-10	12.838
2025 12	4"	100	220	175	325	F-07/F-10	19.746

Ref.	Measure	PN	H	Dimensions (mm)	
				C x C	ISO 5211
2025 02	1/4"	63	10	9 x 9	F-03
2025 03	3/8"	63	10	9 x 9	F-03
2025 04	1/2"	63	11	9 x 9	F-03/F-04
2025 05	3/4"	63	11	11 x 11	F-04/F-05
2025 06	1"	63	11	11 x 11	F-04/F-05
2025 07	1 1/4"	63	15	14 x 14	F-05/F-07
2025 08	1 1/2"	63	15	14 x 14	F-05/F-07
2025 09	2"	63	15	14 x 14	F-05/F-07
2025 10	2 1/2"	63	19	17 x 17	F-07/F-10
2025 11	3"	63	19	17 x 17	F-07/F-10
2025 12	4"	63	19	17 x 17	F-07/F-10

PRESSURE-TEMPERATURE CURVE



Kv values

1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
6	10	24	43	83	130	205	340	520	1100	1820

Kv = The number of cubic metres per hour (m³/h) that will flow through the valve, resulting in a pressure drop of 1 bar.

Pressure drop diagram

