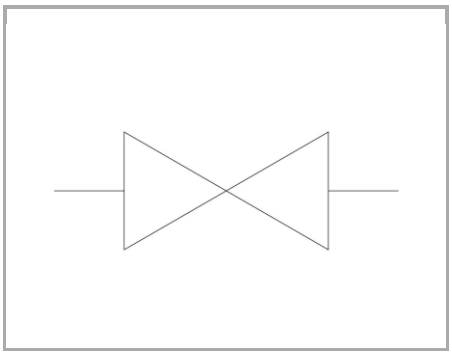
Two-Way high-pressure ball valves in Stainless Steel AISI 316

FT 2221/1

Two-way ball valves for high pressure furnishable in versions 800, 3000 and 6000 psi, available in sizes from 1/4" to 2" and up to 4" for version 800 psi

High pressure ball valves
Two-way
Stainless Steel AISI 316



Technical information

Technical description

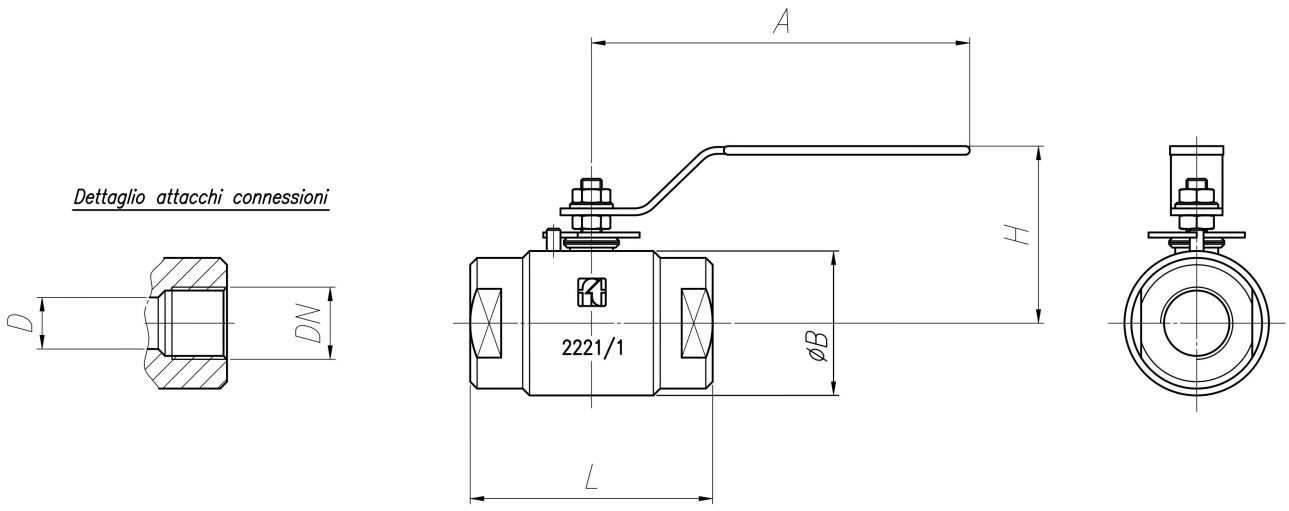
Used to obtain a quick flow shut-off, avoiding noticeable pressure drop, the FT 2221/1 ball valves are designed to obtain perfect sealing, easy and quick operation under high pressure conditions. The noticeable solidity, the material selection and the accurate machining allow their use at working pressure from 320 to 500 bar and with every kind of fluids, such as: hydraulic oil, fuel, emulsions and liquids in general.

Materials

CORPO / BODY	ASTM A 182 F316L
STELO DI COMANDO / CONTROL STEM	ASTM A 182 F316L
SFERA / BALL	ASTM A 182 F316L
GUARNIZIONE STELO / STEM GASKET	Di serie FPM/Standard FPM
GUARNIZIONE SFERA / BALL GASKET	PTFE

Technical data

TIPO / TYPE	PRESSIONE ESERCIZIO BAR / WORKING PRESSURE BAR	TEMPERATURA ESERCIZIO / WORKING TEMPERATURE	GRADO DI FILTRAZIONE µm / FILTRATION GRADE µm
ALL SIZES	50 / 800 PSI	-20°C/+130°C	25
	200 / 3000 PSI	-20°C/+130°C	25
	400 / 6000 PSI	-20°C/+130°C	25

Dimensional tables and drawings

TIPO / TYPE	DN	A	ØB	D	H	L	PESO / WEIGHT KG
14	1/4" G	150	40	6	62	65	0,600
38	3/8" G	150	40	10	62	65	0,600
12	1/2" G	150	50	13	70	75	0,900
34	3/4" G	185	60	20	85	90	1,550
100	1" G	185	65	24	90	100	2,200
114	1 1/4" G	285	75	32	95	115	3,500
112	1 1/2" G	285	90	38	100	125	4,400
200	2" G	285	100	48	105	150	6,100
212	2 1/2" G	355	-	65	160	160	13,000
300	3" G	355	-	75	203	200	16,000
400	4" G	475	-	94	227	225	28,000