

Ball Valves

Type 15082, Type 15083 - Ball Valve full bore



Cryogenic-3-Piece-Ball Valve

Stainless steel body and topwork,
 "live loaded" gland packing
 "cleaned and degreased for oxygen service"
 with upstream pressure relief hole
 Marking acc. to EN 1626

Part No. 15082.X.0000

Female thread NPT acc. to ANSI B 1.20.1

Part No. 15083.X.0000

Female thread G (BSPP) acc. to ISO 228/1

Available options - on request only:

- Stainless steel lockable handle
- With pneumatic actuator
- ATEX Ex II 2GD



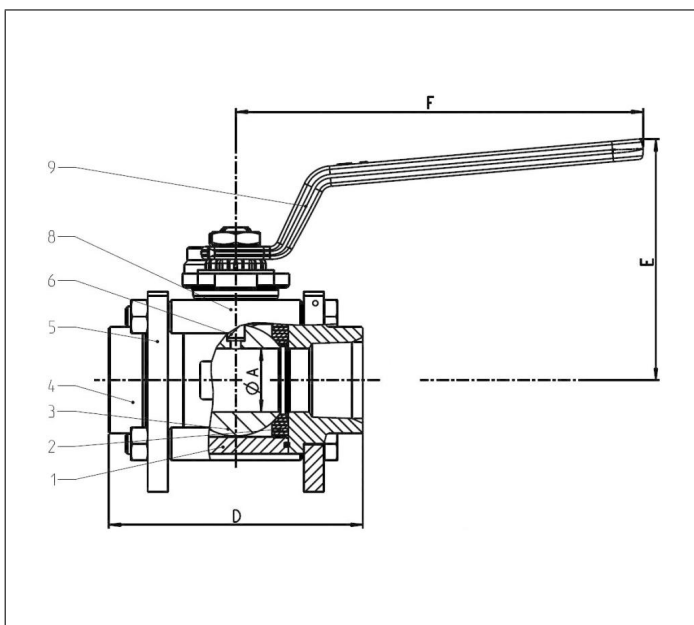
Applications:

Approved for air gases, vapours and cryogenic liquefied gases.

Working temperature: -50°C / -58°F (223K) up to +190°C / +374°F (463K)

Materials	DIN EN	ASTM
1 Body	1.4409	CF3M (316L)
2 Ball seat	PTFE / Carbon filled (25%)	
3 Ball	1.4409	CF3M (316L)
4 Fitting	1.4404	316L
5 Flange	1.4306	304L
6 Stem	1.4404	316L
8 Gland packing up to DN50	33% C + 2% Gr PTFE	
8a Gland packing from DN65	PTFE	
9 Lever	1.1181	1035

Standard marking acc. to Pressure Equipment Directive 97/23/EC (PED).



Type 15082, 15083	Technical data											
Nominal size	DN	8	12	15	20	25	32	40	50	65	80	100
Dimension code	.X.	0200	0300	0400	0600	1000	1200	1400	2000	2400	3000	4000
BSPP / NPT	thread	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
Nominal pressure	PN	100	100	100	100	70	70	50	50	40	40	25
Face-to-face dimension	D	65	65	70	85	100	110	125	150	180	210	230
Height	E	70	70	73	91	95	111	116	137	171	182	204
Orifice	Ø A	11.1	11.1	14.0	19.0	25.0	32.0	38.0	50.0	64.0	76.0	100.0
Length	F	120	120	120	160	160	190	190	230	370	440	505
Weight	ca. kg	0.70	0.70	0.98	1.69	2.12	3.32	4.38	8.84	15.0	22.95	34.74
Kvs-Value	m³/h	6.0	8.0	13.0	26.0	46.0	82.0	120.0	223.0	423.0	617.0	1154.0
Cv-Value	gal/min	6.9	9.2	15.0	30.0	53.2	94.8	138.7	257.8	489.0	713.3	1334.0

Dimensions in mm.

JUSTIN GORAZD s.p.-ATIS
 Levstikova ulica 24, 4226 Žiri

Tel.:04 510 5530
 Fax:04 510 5531

E-mail: atis@armature.si
 WWW: www.armature.si