Ball Valves Class 900# AICG & IICG Type



3-PIECE FULL BORE BALL VALVES

Carbon Steel & Stainless Steel

Fig. TRP-900 *(Carbon Steel)*
Fig. TRP-900 *(Stainless Steel)*

CE

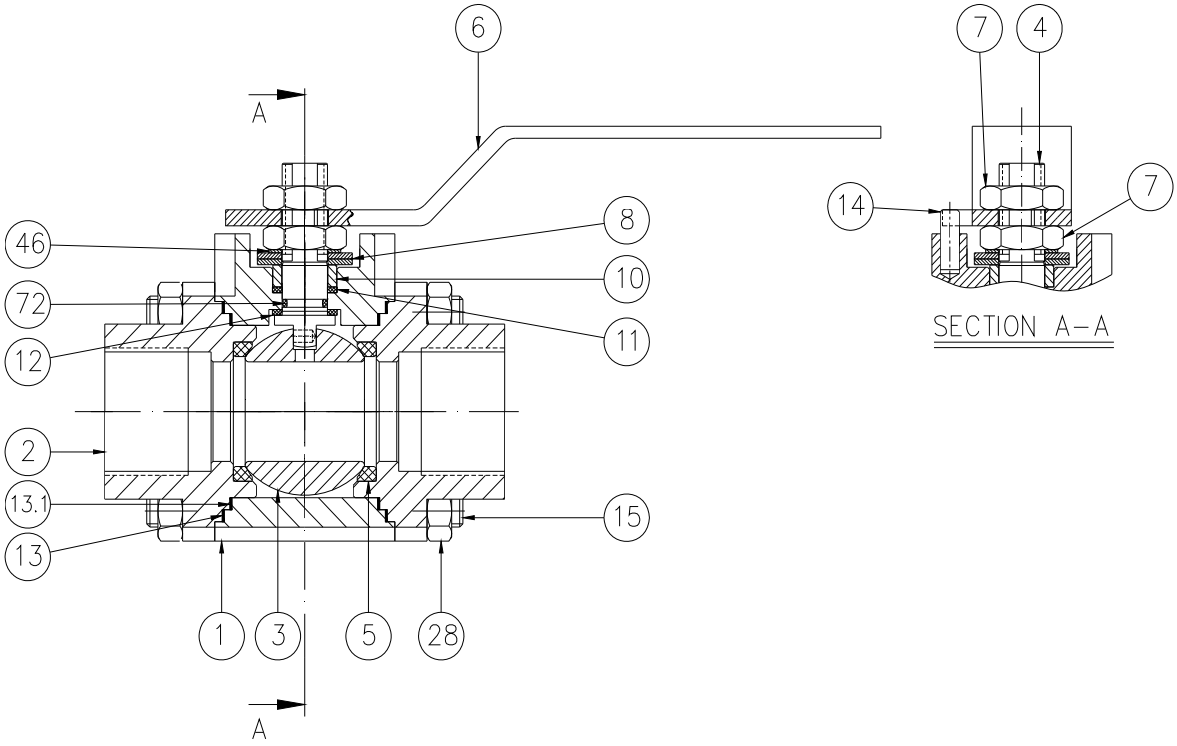
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Parts and materials



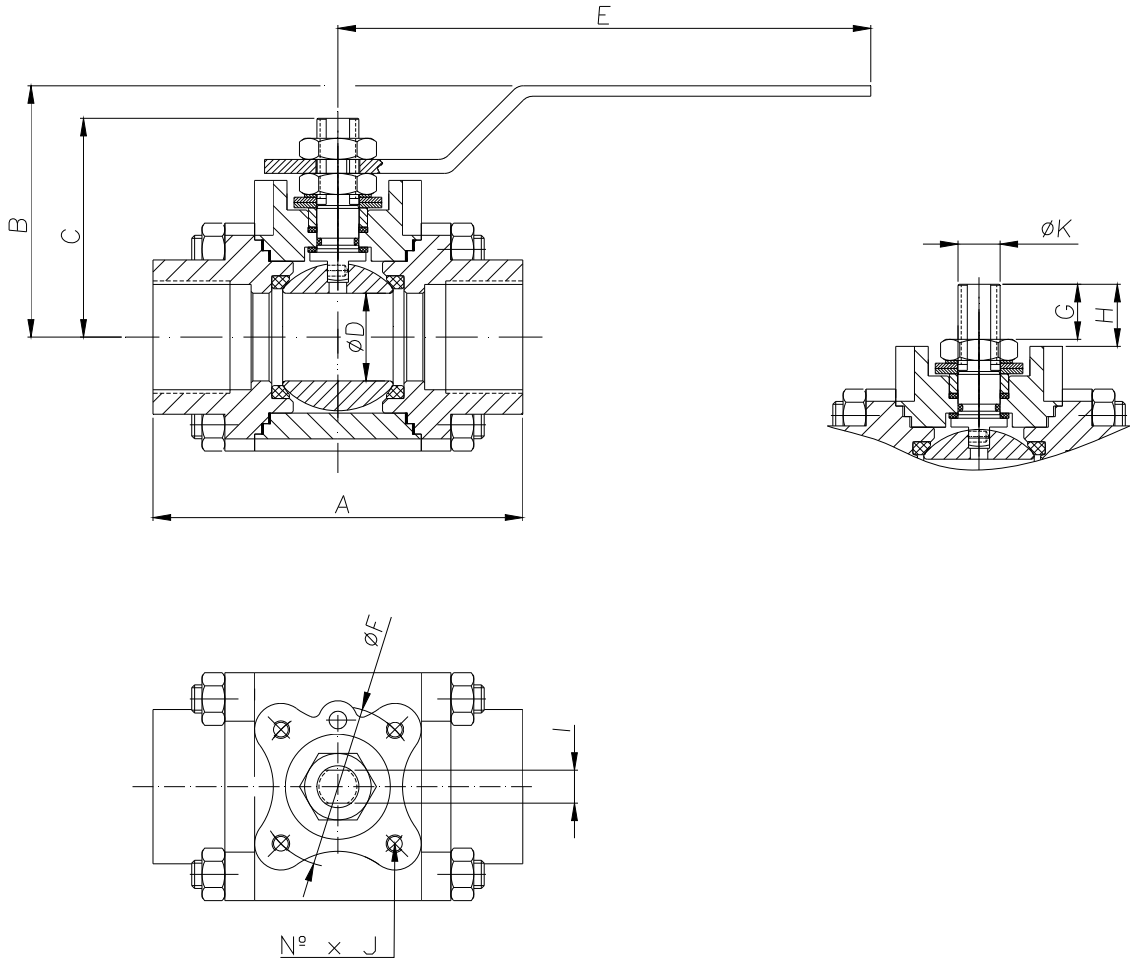
Parts and material

Item	Description	Material	
		Carbon Steel	Stainless Steel
1	Body	A 216 WCB(C ≤ 0,25%)	A 351 CF8M
2	End Connector	A 216 WCB(C ≤ 0,25%)	A 351 CF8M
3	Ball	A 351 CF8M (DN ¼" - 3/8": A 479 Tp. 316)	
4	Stem	A 479 TP316	
5	Seat ring	PTFE+CG	
6	Wrench	Z.P. Carbon Steel	
7	Gland nut	Z.P. Carbon St.	AISI 316
8	Disk Spring	Carbon Steel	E.N.P. Carbon St.
10	Gland	AISI 316	
11	Gland packing	Graphite	
12	Stem trhust seal	25% Graphite	
13	Body connector seal	Graphite	
13.1	Body connector seal	PTFE	
14	Stop pin	Stainless Steel	
15	Stud	ASTM A 193 B7M	ASTM A 193 B8M
19	Antistatic device	Stainless Steel	
28	Nut	ASTM A 194 2HM	ASTM A 194 Gr8M
46	Locking w asher	Stainless Steel	
72	O´ring	FKM (Vitón)	
89	Identification plate	Stainless Steel	

Other materials under request.

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Dimensions



General dimensions

DN	A	B	C	ØD	E	ØF	G	H	I	Nº x J	ØK
¼"	68	59	43	9,5	170	36	8,7	10,7	7	4xM5	10
3/8"	68	59	43	9,5	170	36	8,7	10,7	7	4xM5	10
½"	72	59	45	15	170	36	8,7	10,7	7	4xM5	10
3/4"	94	72	59	20	215	42	15,7	17,7	9,5	4xM5	12
1"	106	72	62	25	215	42	15,7	17,7	9,5	4xM5	12
1½"	125,5	109	89	40	245	50	25,2	27,2	9,5	4xM6	16
2"	128	114	89	50	300	50	16,5	18	12	4xM6	18

(*) Dimensions in mm.

Note:

Dimensions not subject to International Standards can vary in ±10%. ICP reserves the right to change those dimensions without notice, due to they do not affect integrity and performance of the valves.

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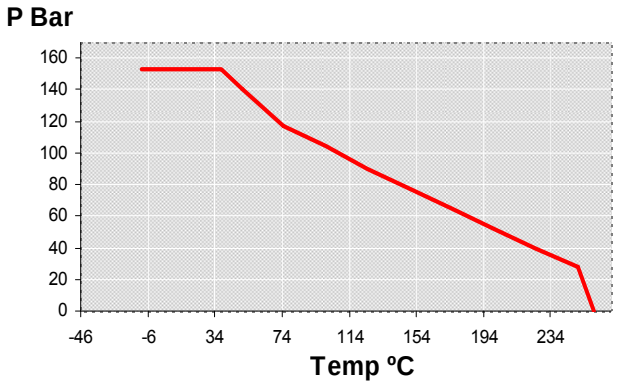
Connections

Standard	BSP Threaded
Standard	NPT Threaded
Option	Socket-w elding
Option	Buttw elding

General Characteristics

GENERAL CHARACTERISTICS			
DESIGN STANDARDS			
Valves design	ASME B 31,1		
Shell thickness	ASME B 31,1		
Face to face Dimensions	Manufacturer's standard		
Visual Inspection	MSS SP- 55		
Marking	EN 19		
TESTS AND CERTIFICATES			
Quality assurance	ISO-9001		
Fire Safe	ISO 10497: 2004		
Fugitive Emision	ISO 15848-1 2006		
Pressure testing	API 598	BS 6755 Part1	EN12266
Other	ATEX	NACE	

Pressure-Temperature
A 216 WCB
PTFE + C.G. SEATS



Pressure-Temperature
A 351 CF8M
PTFE + C.G. SEATS

