

# Three Pieces Ball Valves 1000 WOG

Size 1/4" - 4" (DN 8 - 100) Stainless Steel



## **Fig. 143**

# **FULL BORE**

**Butt Weld according:  
ASME B16.25 & DIN 3239 part 1**

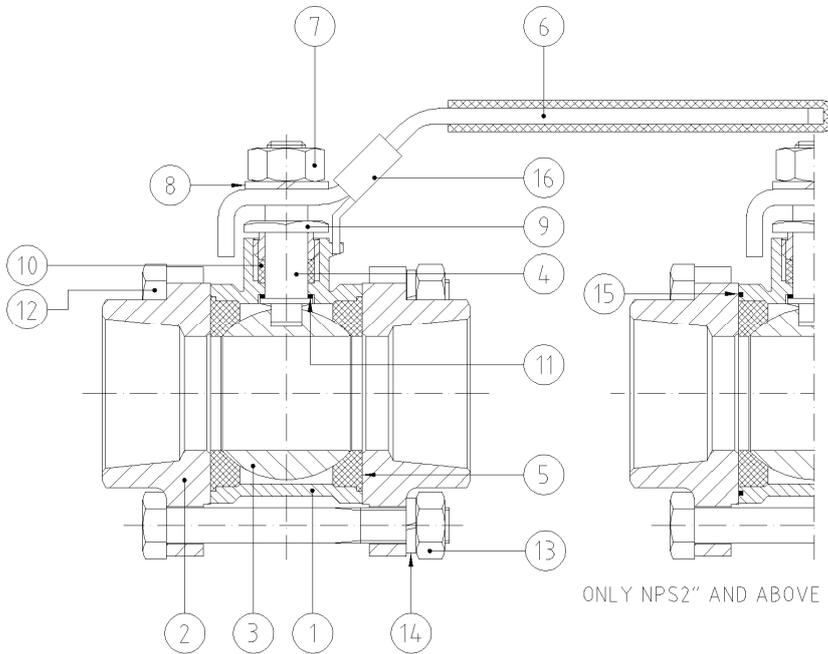




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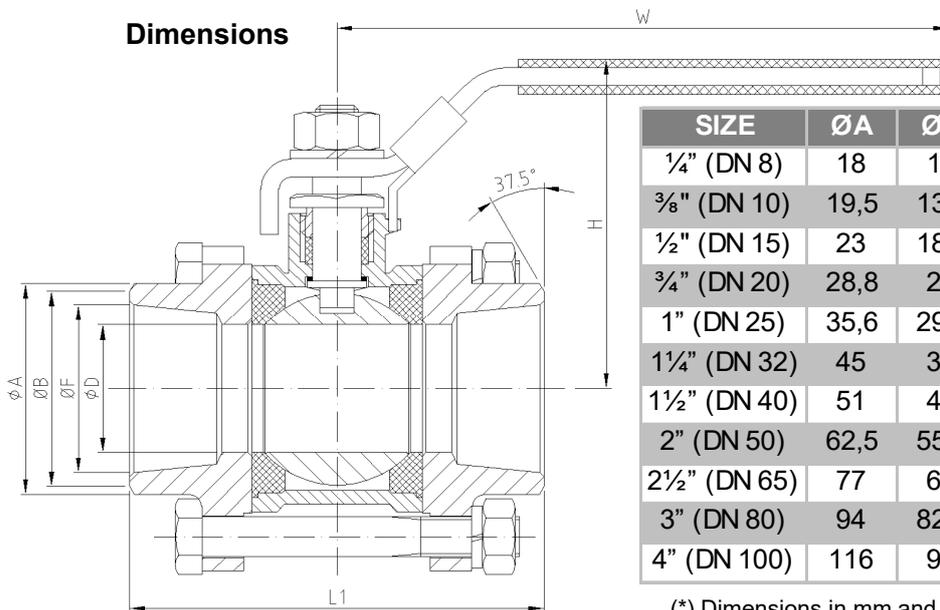
## Parts and materials, Dimensions

### Parts and materials



Item	Description	Material
1	Body	AISI 316
2	Body connector	AISI 316
3	Ball	AISI 316
4	Stem	AISI 316
5	Seat ring	PTFE
6	Wrench	AISI 304
7	Wrench Nut	AISI 304
8	Wrench	AISI 304
9	Gland	AISI 304
10	Gland packing	PTFE
11	Stem thrust	PTFE
12	Bolt	AISI 304
13	Nut	AISI 304
14	Washer	AISI 304
15	Seat Gasket	PTFE
16	Lock Device	AISI 304

### Dimensions



SIZE	$\phi A$	$\phi B$	$\phi F$	$\phi D$	L1	W	H	WEIGHT
1/4" (DN 8)	18	12	9	9	60,4	94	46	0,31
3/8" (DN 10)	19,5	13,5	11	11	60,4	94	46	0,35
1/2" (DN 15)	23	18,5	15	15	66,4	104	50	0,41
3/4" (DN 20)	28,8	24	21	20	80,2	113	60	0,7
1" (DN 25)	35,6	29,5	26,6	25	84,2	128	65	1,2
1 1/4" (DN 32)	45	38	34	32	103,6	156	79	2
1 1/2" (DN 40)	51	44	40,5	38	111,4	156	83	2,5
2" (DN 50)	62,5	55,5	51	50	132	194	99	3,7
2 1/2" (DN 65)	77	67	64	64	164,2	246	128	7,4
3" (DN 80)	94	82,4	80,5	76	182	246	133	12,8
4" (DN 100)	116	99	98	94	226,8	317	175	23

(\* Dimensions in mm and weight in kg.

### Note:

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

ICP VALVES S.A.  
E-Mail: sales@ icp-valves.com  
Internet: www.icp-valves.com

Authorized Distributor



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## Torque, Kv, P&T Rating

### Torque Values in Nm

VALVE SIZE	AT DIFFERENTIAL PRESSURE		VALVE SIZE	AT DIFFERENTIAL PRESSURE	
	63 bar			25 bar	
1/4" (DN 8)	5,6		2 1/2" (DN 65)	73,2	
3/8" (DN 10)	5,6		3" (DN 80)	128,8	
1/2" (DN 15)	9		4" (DN 100)	165,4	
3/4" (DN 20)	11,3				
1" (DN 25)	14,7				
1 1/4" (DN 32)	19,2				
1 1/2" (DN 40)	24,9				
2" (DN 50)	45,2				

### Kv Values in m<sup>3</sup>/h

VALVE SIZE	Kv	VALVE SIZE	Kv
1/4" (DN 8)	6,6	1 1/2" (DN 40)	80,0
3/8" (DN 10)	6,6	2" (DN 50)	150,0
1/2" (DN 15)	11,2	2 1/2" (DN 65)	265,0
3/4" (DN 20)	21,0	3" (DN 80)	415,0
1" (DN 25)	34,0	4" (DN 100)	780,0
1 1/4" (DN 32)	57,0		

### Pressure-Temperature

