

**Two Pieces Ball Valves**  
**1000 WOG (69 bar)**  
Size 1/4" – 3" (DN 10 - 80 ) Stainless Steel

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**Serie 2001**  
**FULL BORE**  
Threaded according:  
**DIN 259/2999 (GAS)**



Comercial de Válvulas y Accesorios, S.A.  
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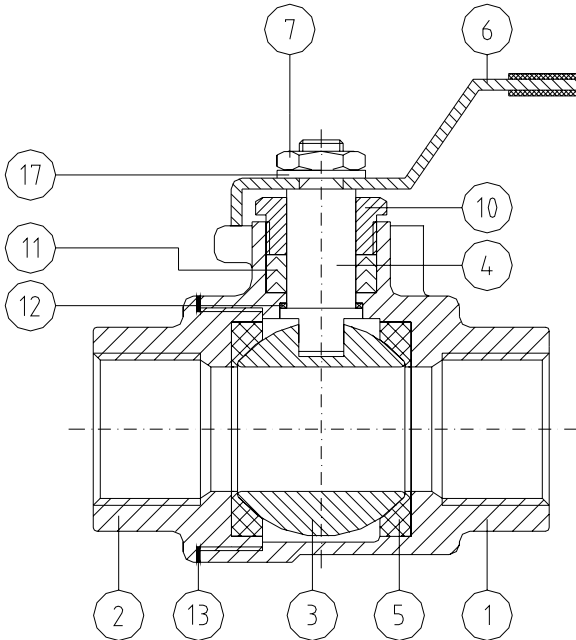
Remarks: The dimensions of this catalogue are for reference only and it can change without previous notice

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## 1000 WOG (69 bar)

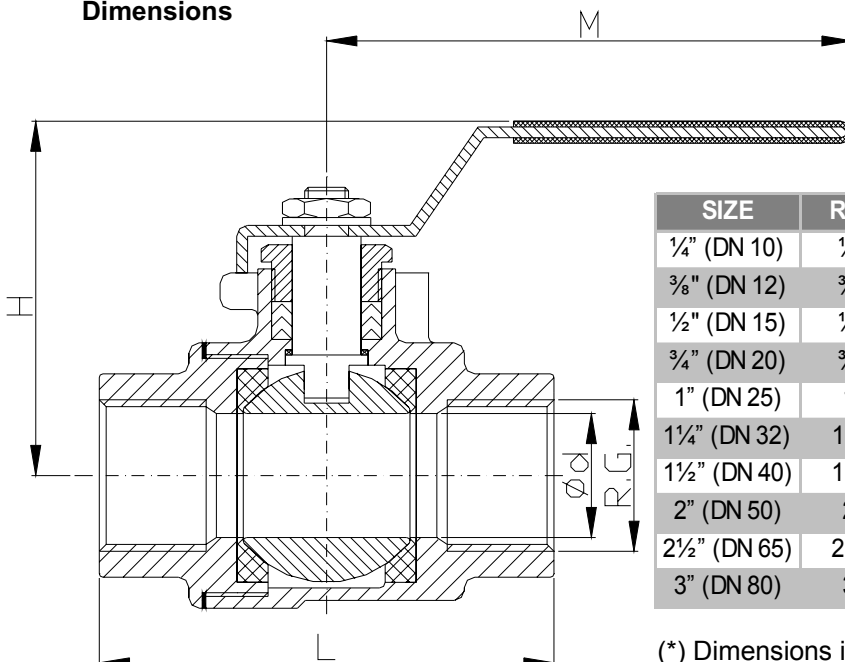
### Parts and materials, Dimensions

#### Parts and materials



Item	Description	Material
1	Body	ASTMA351 CF8M
2	Body connector	ASTMA351 CF8M
3	Ball	ASTMA351 CF8M
4	Stem	AISI 316
5	Seat ring	PTFE + GLASS FIBER
6	Wrench	AISI 304
7	Wrench Nut	AISI 304
10	Gland	AISI 304
11	Gland packing	PTFE + GLASS FIBER
12	Stem thrust seal	PTFE
13	Body connector seal	PTFE
17	Washer	AISI 304

#### Dimensions



SIZE	R.G.	Ød	L	M	H	WEIGHT
1/4" (DN 10)	1/4"	11,6	49	95	52	0,3
3/8" (DN 12)	3/8"	13	49	95	54	0,3
1/2" (DN 15)	1/2"	15	55	95	54	0,4
3/4" (DN 20)	3/4"	20	64,5	115	68	0,6
1" (DN 25)	1"	25	78	140	71	0,8
1 1/4" (DN 32)	1 1/4"	32	90	145	80	1,5
1 1/2" (DN 40)	1 1/2"	38	104	165	100	2,2
2" (DN 50)	2"	50,8	124,5	165	105	3,7
2 1/2" (DN 65)	2 1/2"	65	160	225	130	7
3" (DN 80)	3"	80	186	225	140	10,5

(\*) Dimensions in mm and weight in kg.



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## 1000 WOG (69 bar)

### Torque, Kv, P&T Rating

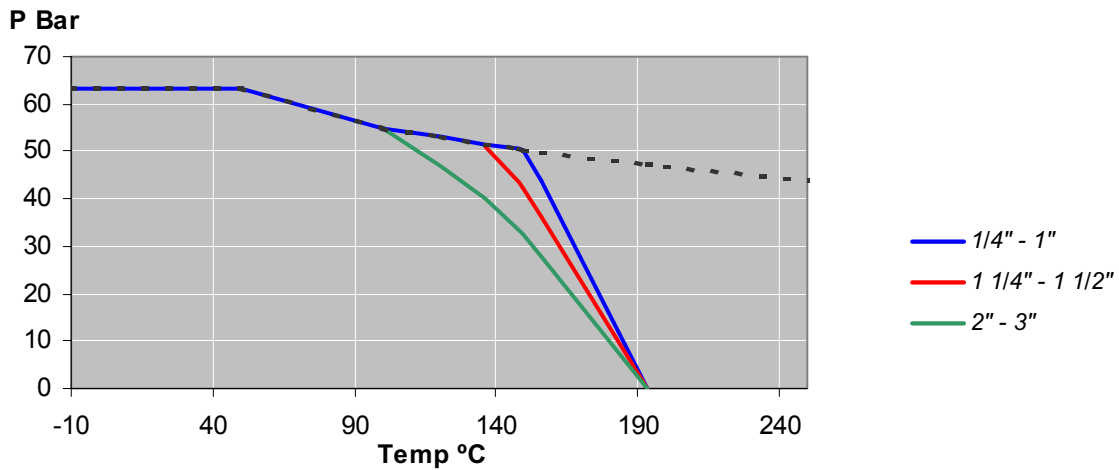
#### Torque Values in Nm

AT DIFFERENTIAL PRESSURE		AT DIFFERENTIAL PRESSURE	
VALVE SIZE	69 bar	VALVE SIZE	69 bar
1/4" (DN 10)	4	1 1/4" (DN 32)	13,8
3/8" (DN 12)	4,1	1 1/2" (DN 40)	18,4
1/2" (DN 15)	5,5	2" (DN 50)	25,5
3/4" (DN 20)	7,5	2 1/2" (DN 65)	49
1" (DN 25)	10,6	3" (DN 80)	76,5

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

VALVE SIZE	Kv	VALVE SIZE	Kv
1/4" (DN 10)	5,7	1 1/4" (DN 32)	49,4
3/8" (DN 12)	6,8	1 1/2" (DN 40)	69,3
1/2" (DN 15)	9,7	2" (DN 50)	128,1
3/4" (DN 20)	18,2	2 1/2" (DN 65)	229,4
1" (DN 25)	30,3	3" (DN 80)	359,3

#### Pressure-Temperature



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