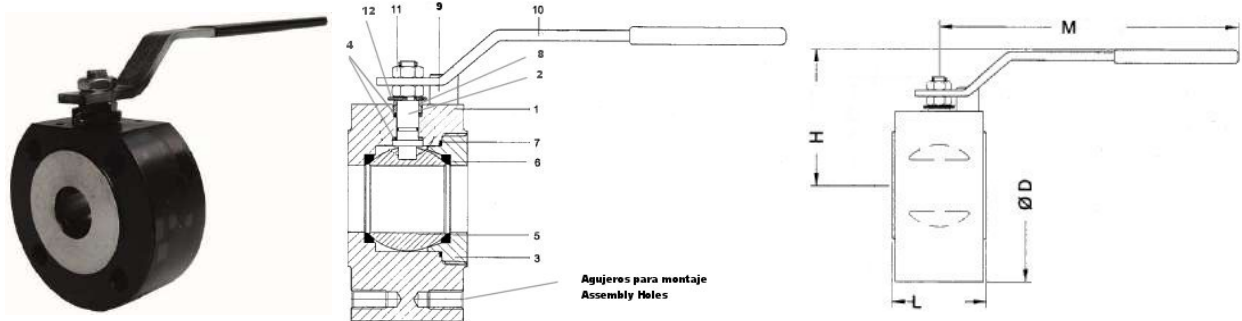


## Art2105 Carbon Steel PN16 Wafer Ball Valve

### Features

1. Full port ball valve, Wafer type.
2. Assembly with flanges DIN PN-16.
3. Made of Carbon Steel ASTM A 105.
4. Ball seats and Gasket PTFE.
5. Max.. Working pressure 16 bar.
- 6 Working Temperature  $-20\text{ }^{\circ}\text{C} + 180\text{ }^{\circ}\text{C}$ .



Nº	Name	Material	Surface Treatment	Ref
1	Body	Carbon Steel ASTM A105	Painted	
2*	Stem	Stainless Steel 304		I2110
3	Plug	Stainless Steel 304		
4*	Washer	PTFE		2925
5*	Ball	Stainless Steel 304		2809
6*	Ball Seat	PTFE		2925
7*	Gasket	PTFE		2925
8	Stem Packing	Steel	Zinc Plated	
9	Stopper	Steel	Zinc Plated	
10	Handle	Steel	Zinc Plated	
11	Nut	Steel	Zinc Plated	
12	Spring Washer	Spring Steel	Zinc Plated	

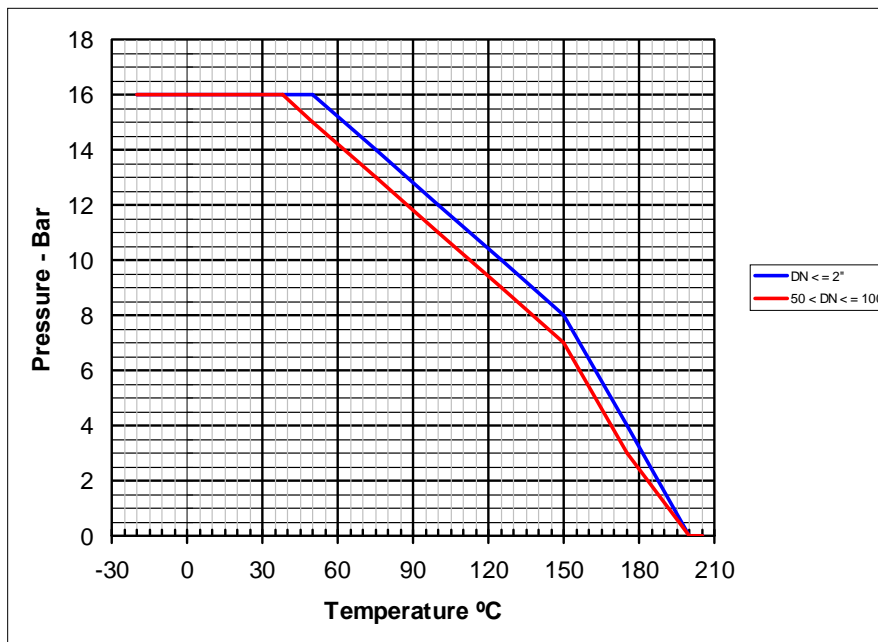
\*Repair kit parts.



### General Dimensions

Ref	Size	PN	Assembly Holes	Dimensions (mm)				Weight (Kg)
				D	H	L	M	
2105 06	1"	16	4 x M12	108	95	46	185	2.70
2105 07	1 ¼"	16	4 x M16	128	110	55	280	4.60
2105 08	1 ½"	16	4 x M16	138	110	66	280	6.30
2105 09	2"	16	4 x M16	148	120	72	280	7.85
2105 10	2 ½"	16	4 x M16	168	150	98	360	13.80
2105 11	3"	16	8 x M16	188	160	120	360	20.65
2105 12	4"	16	8 x M16	220	180	140	480	31.20

### Pressure/Temperature Ratings



### Kv Values

Kv: The rate of flow of water in cubic meter per hour that will generate a 1 bar pressure drop across the valve.

1"	1 ¼"	1 ½"	2"	2 ½"	3"	4"
83	130	205	340	520	1100	1820