

## SERIE B2

### Valvole a sfera flangiate Flanged ball valves PN16

#### FLANGIA SECONDO ISO 5211

PERMETTE DI APPLICARE DIRETTAMENTE SUL CORPO VALVOLA SERVOCOMANDI MANUALI, ELETTRICI, PNEUMATICI

#### ISO 5211 TOP FLANGE

FOR DIRECT COUPLING OF GEAR BOXES, ELECTRIC AND PNEUMATIC ACTUATORS

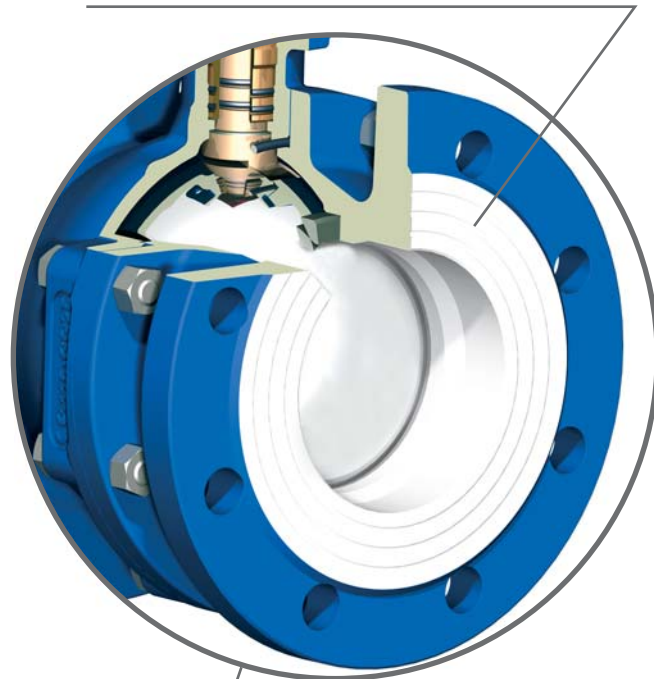
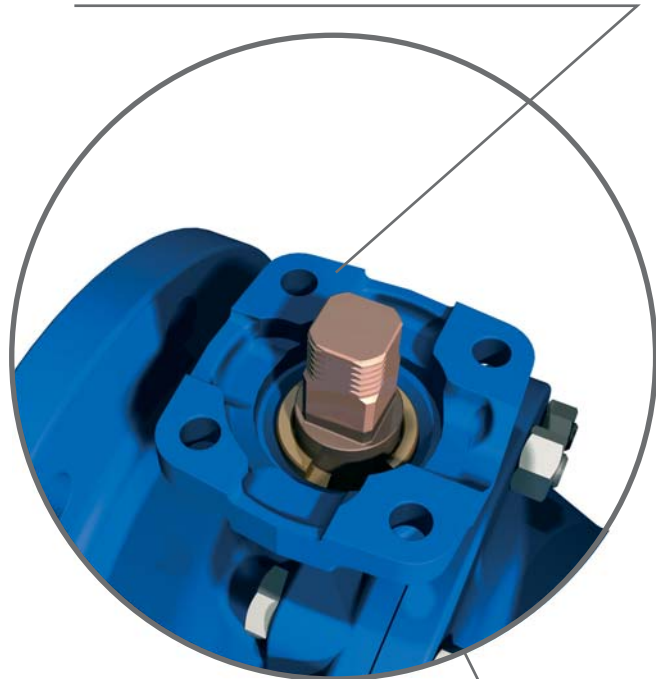
#### POSSIBILITA' DI RIVESTIMENTO ANTICORROSIONE

PTFE, PFA, HALAR®, ABCITE....

#### ANTI-CORROSION INSIDE COATING ON REQUEST

PTFE, PFA, HALAR®, ABCITE....

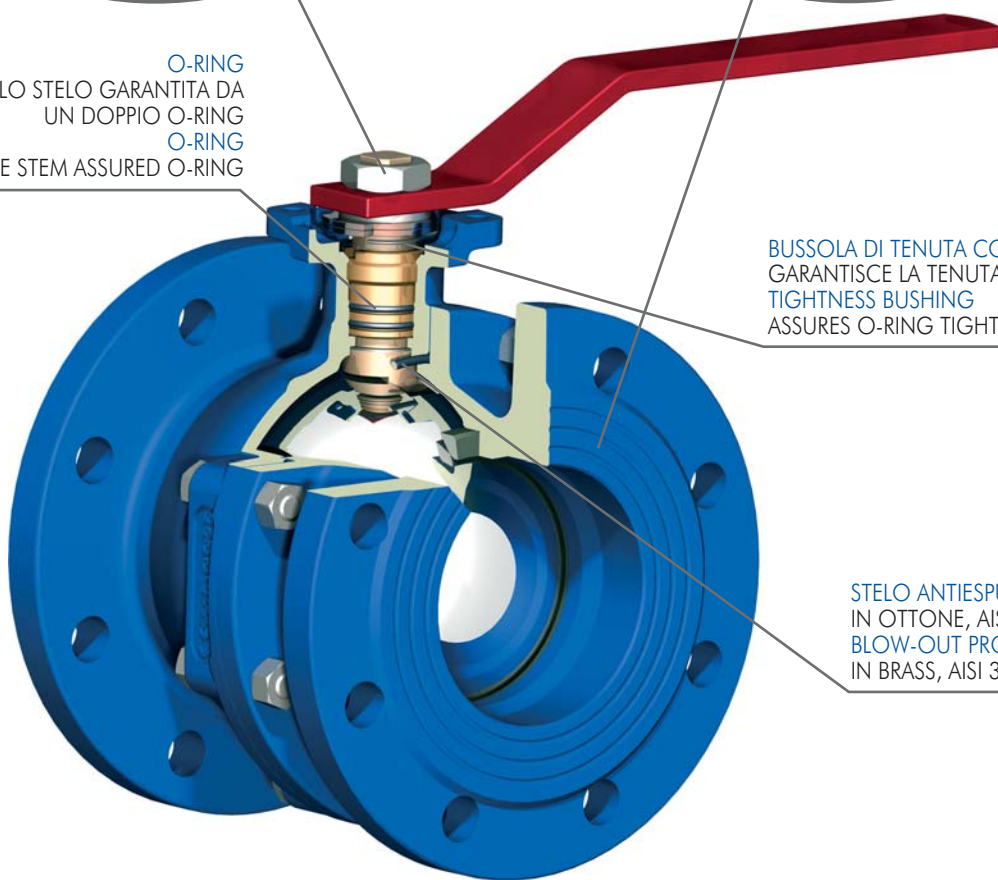
valvole a sfera  
ball valves



O-RING  
TENUTA DINAMICA SULLO STELO GARANTITA DA  
UN DOPPIO O-RING  
O-RING  
DYNAMIC SEAL ON THE STEM ASSURED  
O-RING

BUSSOLA DI TENUTA CON DOPPIO O-RING  
GARANTISCE LA TENUTA DELLO STELO  
TIGHTNESS BUSHING  
ASSURES O-RING TIGHTNESS

STELO ANTIESPULSIONE  
IN OTTONE, AISI 316 O BZ/AL  
BLOW-OUT PROOF STEM  
IN BRASS, AISI 316 OR BZ/AL



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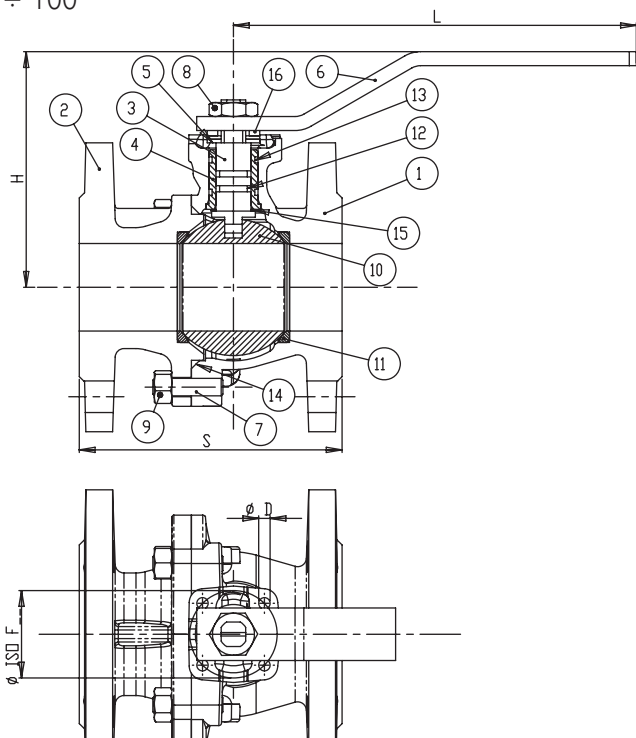
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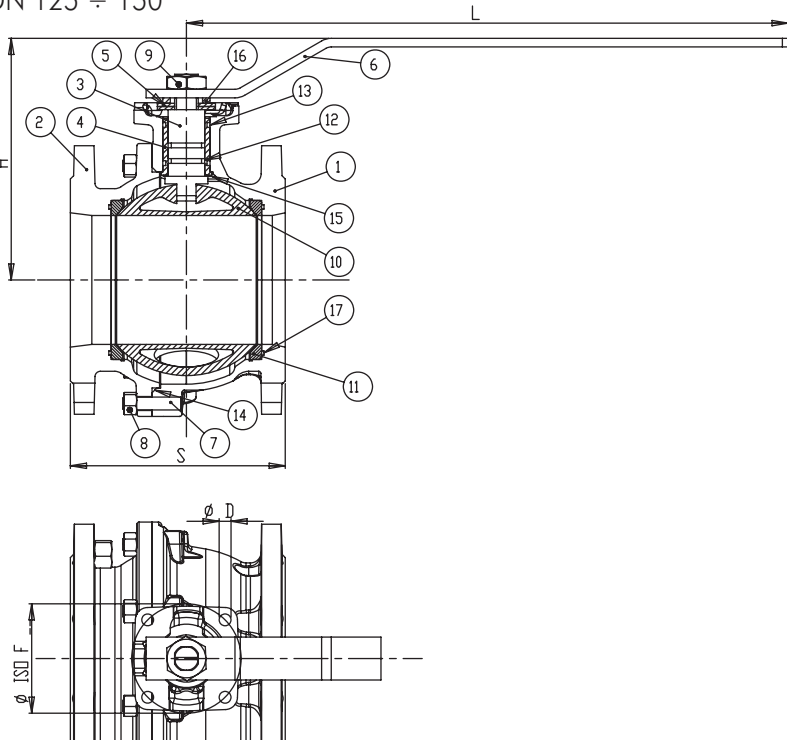


### Technical data

DN 40 ÷ 100



DN 125 ÷ 150



### Dimensioni - Dimensions (mm)

DN	40	50	65	80	100	125	150
<b>S NF</b>	136	142	154	160	172	186	200
<b>S F4</b>	140	150	170	180	190	200	210
<b>H</b>	125	135	143	165	180	225	243
<b>L</b>	230	230	230	280	360	450	560
<b>ISO F</b>	05	05	05	07	07	10	10
<b>D</b>	7	7	7	9	9	11	11

### N° COMPONENTI COMPONENTS MATERIALI MATERIALS

N°	COMPONENTI COMPONENTS	MATERIALI MATERIALS
1	Corpo - Body	GJS 400-15
2	Flangia - Flange	GJS 400-15
3	Asta - Stem	Ottone - Brass
4	Bussola - Bushing	Ottone - Brass
5	Piastrina - Plate	Fe 360 Zn
6	Leva - Handle	Fe 360 Zn
7	Vite - Screw	C40Zn
8	Dado - Nut	C40Zn
9	Dado - Nut	C40Zn
10	Sfera - Ball	OT G/CuZn40Pb2 - Brass G/CuZn40Pb2
11	Sede sfera - Ball seat	PTFE+C.
12	O-ring	NBR
13	O-ring	NBR
14	O-ring	NBR
15	Anello - Ring	PTFE
16	Anello - Ring	C40Zn
17	O-ring	NBR

I dati e le caratteristiche del presente depliant sono forniti a titolo indicativo.  
La Brandoni S.p.A. si riserva di modificare una o più caratteristiche delle valvole senza preavviso.  
Data and specifications are only available as information.  
Brandoni S.p.A. reserves the right to modify one more valve specifications without warning.

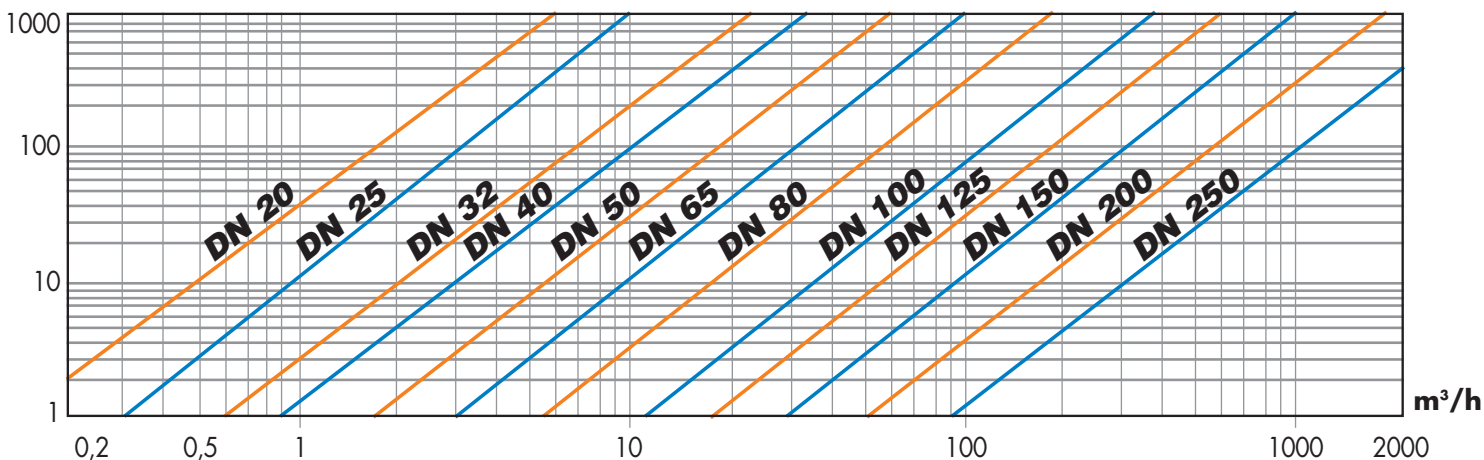
# Perdite di carico Loss of head

## Valvole a sfera Ball valves

**SERIE 01 - 02 - 04**  
(Escluso art. T4.622 - L4.622)  
(Art. T4.622 - L4.622 excluded)

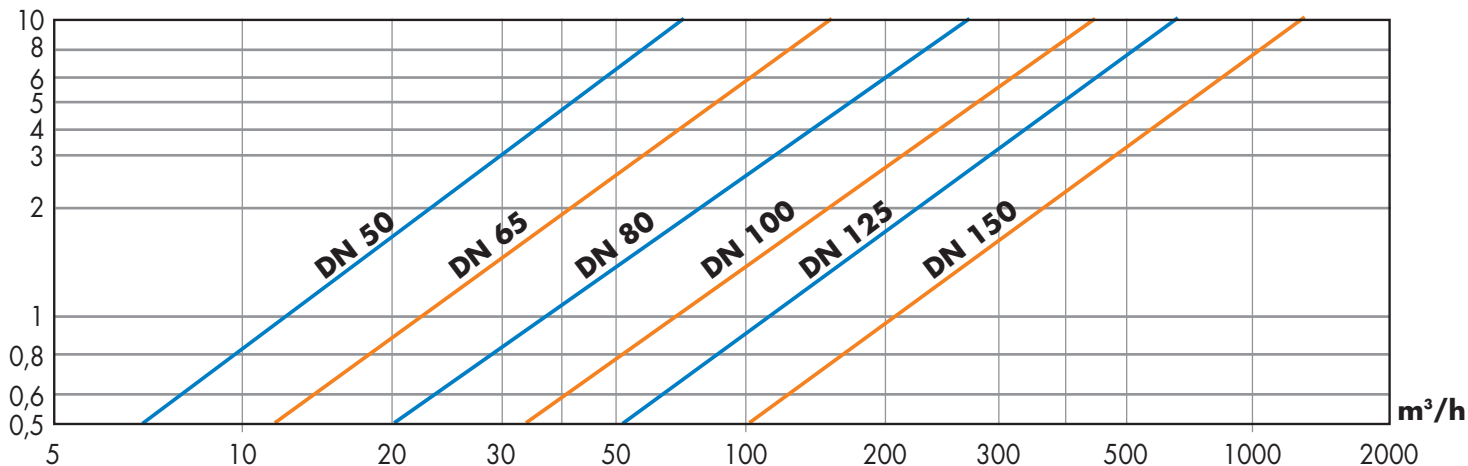
### Diagramma perdite di carico con fluido H<sub>2</sub>O - Head loss chart with H<sub>2</sub>O fluid

#### Serie 01 - 02 mm H<sub>2</sub>O



**Per calcolare la perdita di carico della singola valvola, dividere la perdita di carico di 1 metro di tubo per lo scartamento espresso in metri**  
To calculate the head loss of each single valve, divide the head loss of one meter pipe by the flange to flange gauge expressed in meters

#### Serie 04 (Escluso art. T4.622 - L4.622) / (Art. T4.622 - L4.622 excluded) m H<sub>2</sub>O



**Tabella Kv - DN** Kv - DN table

DN	50	65	80	100	125	150
KV	90	150	282	420	720	1320

**N.B. 1 m H<sub>2</sub>O = 0,098 bar**

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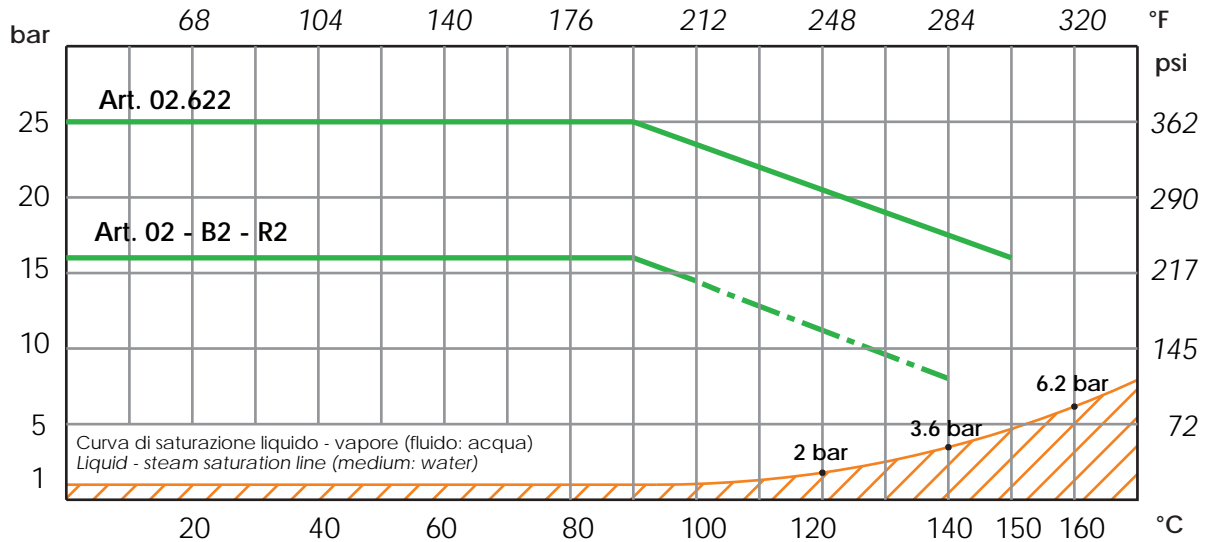
DT035-DT040  
CA.01-02-04/12-2005/I-GB

Diagramma  
Pressione/Temperatura  
Pressure/Temperature Chart

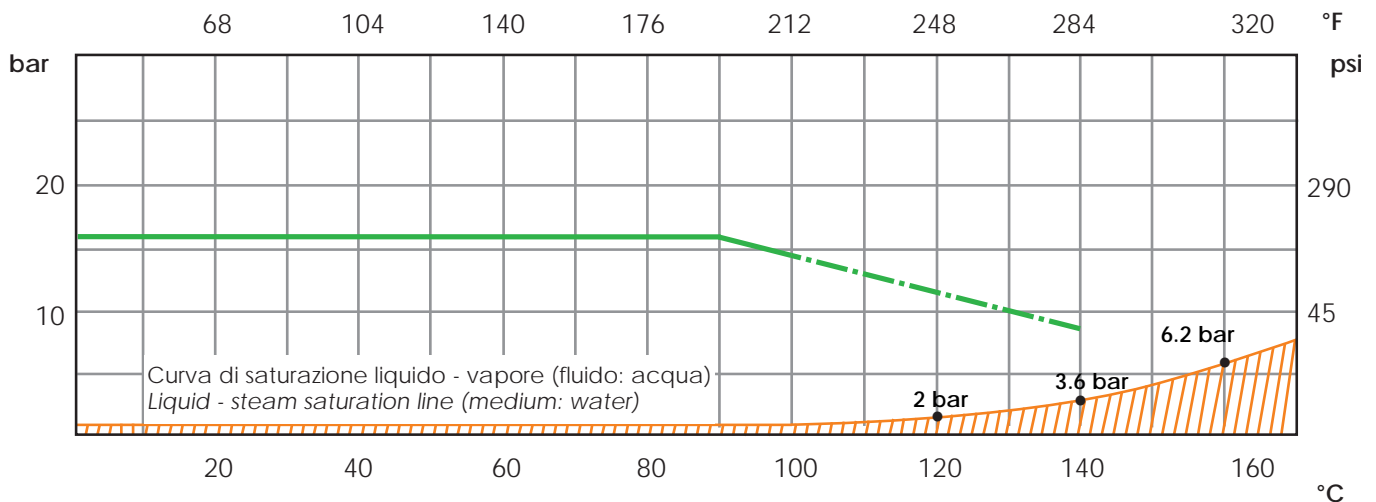
Valvole a sfera  
Ball valves

SERIE 02-B2-R2-04  
(Escluso art. T4.622 - L4.622)  
(Art. T4.622 - L4.622 excluded)


Serie 02 - B2 - R2




Serie 04 (Escluso art. T4.622 - L4.622) / (Art. T4.622 - L4.622 excluded)



--- Con O-Ring in Viton® (a richiesta) / With Viton® O-Ring (on demand)

**NON ADATTA PER VAPORE.** NON utilizzare nelle condizioni di temperature e pressione al di sotto della curva di saturazione liquido/vapore (area tratteggiata ).

**NOT SUITABLE FOR STEAM.** DO NOT use with temperature and pressure conditions placed below the liquid/steam saturation line (hatched area ).

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DT062a - DT065a  
P.T.02-04/04-2009/I-GB