

**JV090026**  
**EN331 Gas Approved**  
**Ductile Iron**  
**2-Piece Ball Valve**  
**c/w Operating Lever**  
**Flanged**  
**PN16**



An EN331 gas approved ductile iron bodied full bore ball valve suitable for gas applications.

The quarter turn operation in conjunction with the PTFE seats provides fast positive isolation.

Full bore construction minimises headloss and the hard chrome plated ball offers excellent wear resistance.

**Approvals, Features & Benefits**

- BSI Gas approved to EN331
- DIN 3202 F4 length (up to DN150)
- DIN 3202 F5 length (DN200)
- ISO 5211 top mounting pad
- Lever operated as standard

**Pressure & Temperature**

Pressure range :-  
PN16 rated

Temperature range:-  
-10°C to 70°C

DN	15	20	25	32	40	50	65	80	100	125	150	200
<b>P</b>	15	20	25	32	40	50	63	76	95	120	145	190
<b>A</b>	115	120	125	130	140	150	170	180	190	200	210	400
<b>H</b>	160	160	170	170	125	135	145	165	180	225	243	320
<b>H1</b>	50.5	52	59	64	78.5	87	95	118	132.5	165	182.5	230
<b>B</b>	84	84	96	101	230	230	230	280	360	520	520	1000
<b>C</b>	95	105	115	140	150	165	185	200	220	250	285	340
<b>F</b>	65	75	85	100	110	125	145	160	180	210	240	295
<b>ISO 5211</b>	F04	F04	F04	F04	F05	F05	F05	F07	F07	F10	F10	F12
<b>J</b>	42	42	42	42	50	50	50	70	70	102	102	125
<b>N x q</b>	4 x 6	4 x 6	4 x 6	4 x 6	4 x 7	4 x 7	4 x 7	4 x 9	4 x 9	4 x 11	4 x 11	4 x 13
<b>E</b>	9.5	9.5	11	11	13.5	13.5	13.5	15	15	21	21	27
<b>S</b>	9	9	11	11	14	14	14	17	17	22	22	27
<b>Torque (Nm)*</b>	18.75	18.75	22.5	22.5	22.5	25	50	87.5	125	225	312.5	750
<b>Kv</b>	22.3	47.7	83.5	150.4	255	435	672	947	1508	2633	4261	5957
<b>Weight Kgs</b>	2.6	3.3	4.2	5.8	7.5	9.0	10.5	15.5	18.5	28.0	38.5	93.0

\* Torque calculated at zero pressure includes 25% safety, add 25% for dry duty.

**MATERIALS**

<b>Body</b>	Ductile Iron (GGG40)
<b>Ball</b>	Brass
<b>Stem</b>	Chrome Plated Brass
<b>O-ring</b>	NBR
<b>Seats</b>	RPTFE
<b>Lever</b>	Carbon Steel



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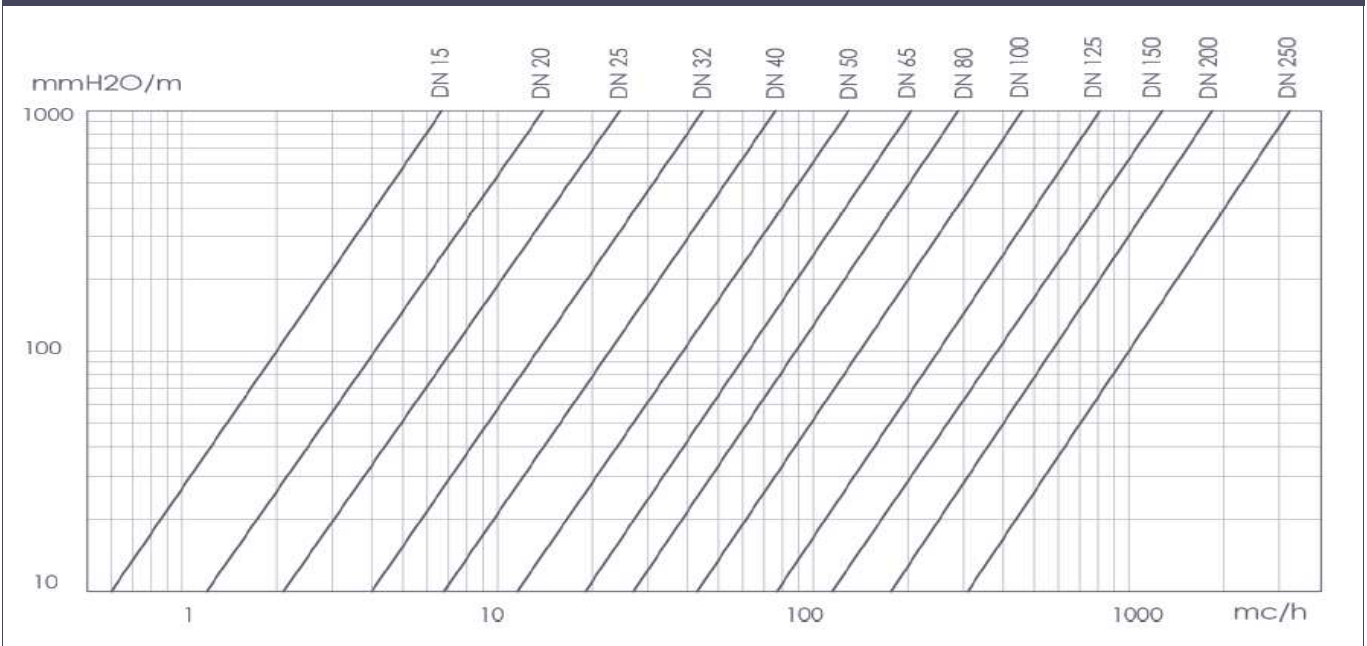
Ductile Iron  
2-Piece Ball Valve  
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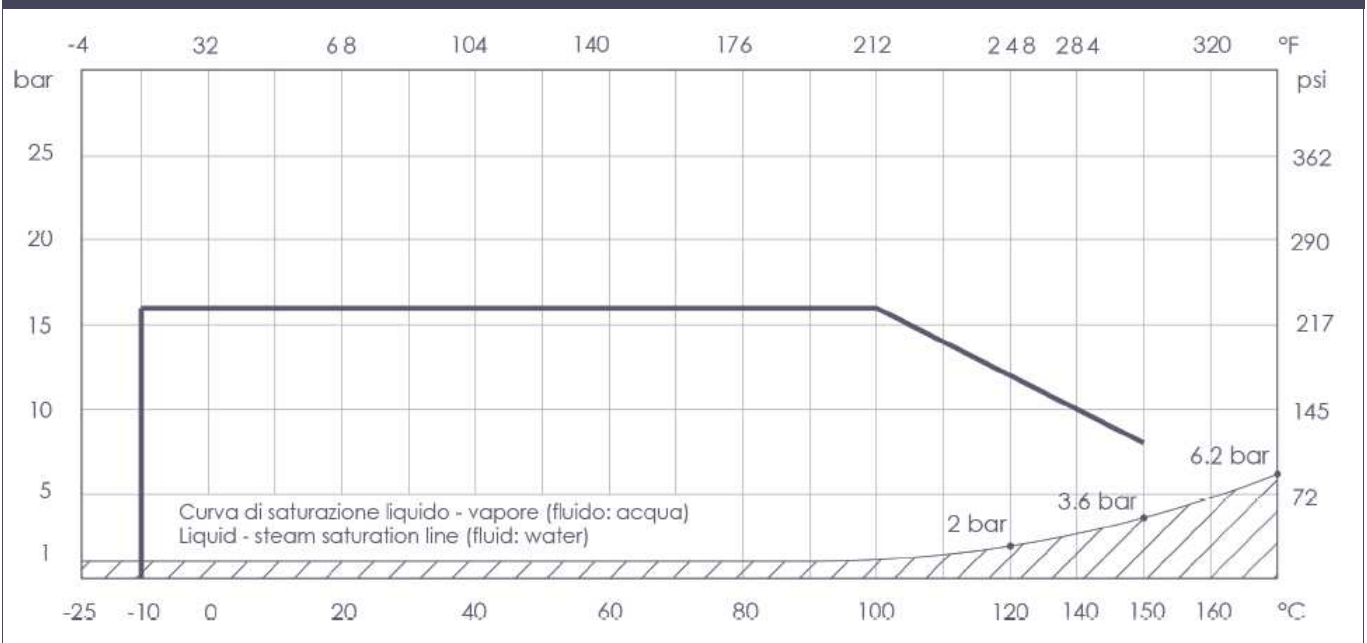
Various actuation options are available,  
contact sales for details.

Lever operated as standard.

**HEADLOSS CHART**



**PRESSURE / TEMPERATURE CHART**



Note: This range is not suitable for steam. Do not use when the pressure & temperature are below the liquid/steam saturation line (hatched area)