

JV091019

Ductile Iron 2-Piece Ball Valve c/w Operating Lever Flanged PN16



The JV091019 is a ductile iron bodied full bore ball valve suitable for various 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

- 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 100°C

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

Body	Ductile Iron (GGG40)
Ball	Brass
Stem	Chrome Plated Brass
O-ring	NBR
Seats	PTFE
Lever	Carbon Steel



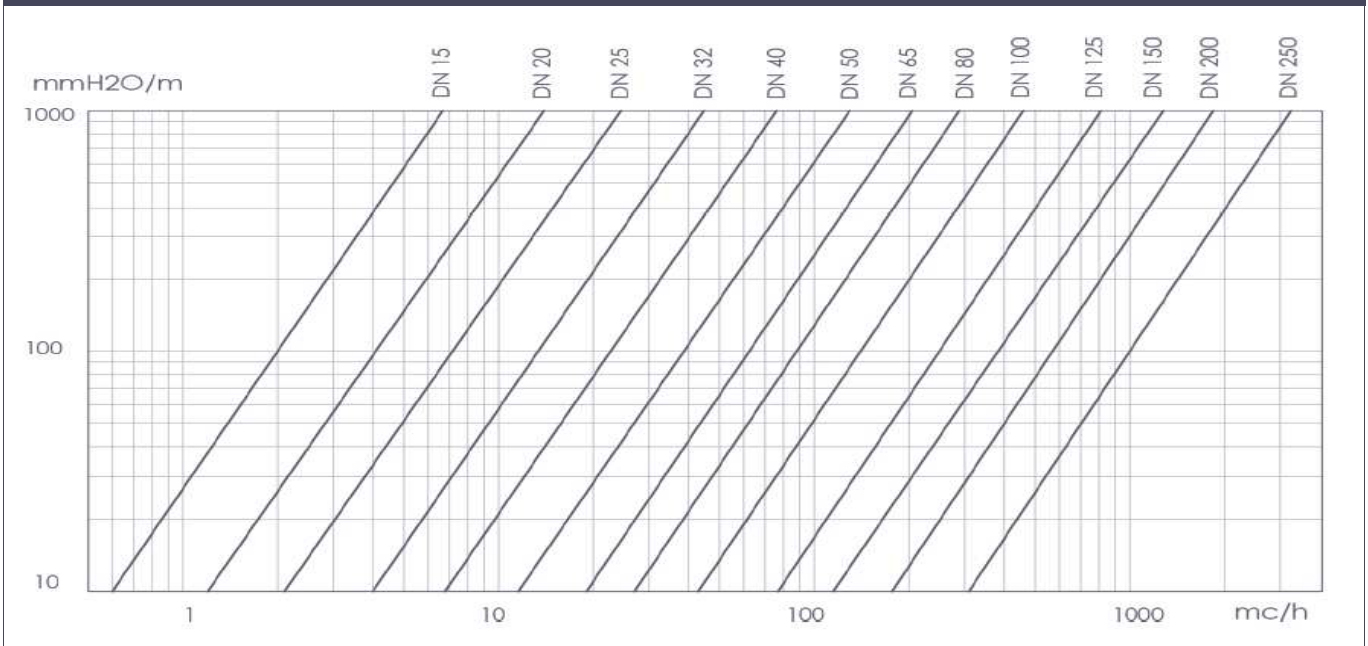
JV091019
Ductile Iron
2-Piece Ball Valve
c/w Operating Lever
Flanged
PN16



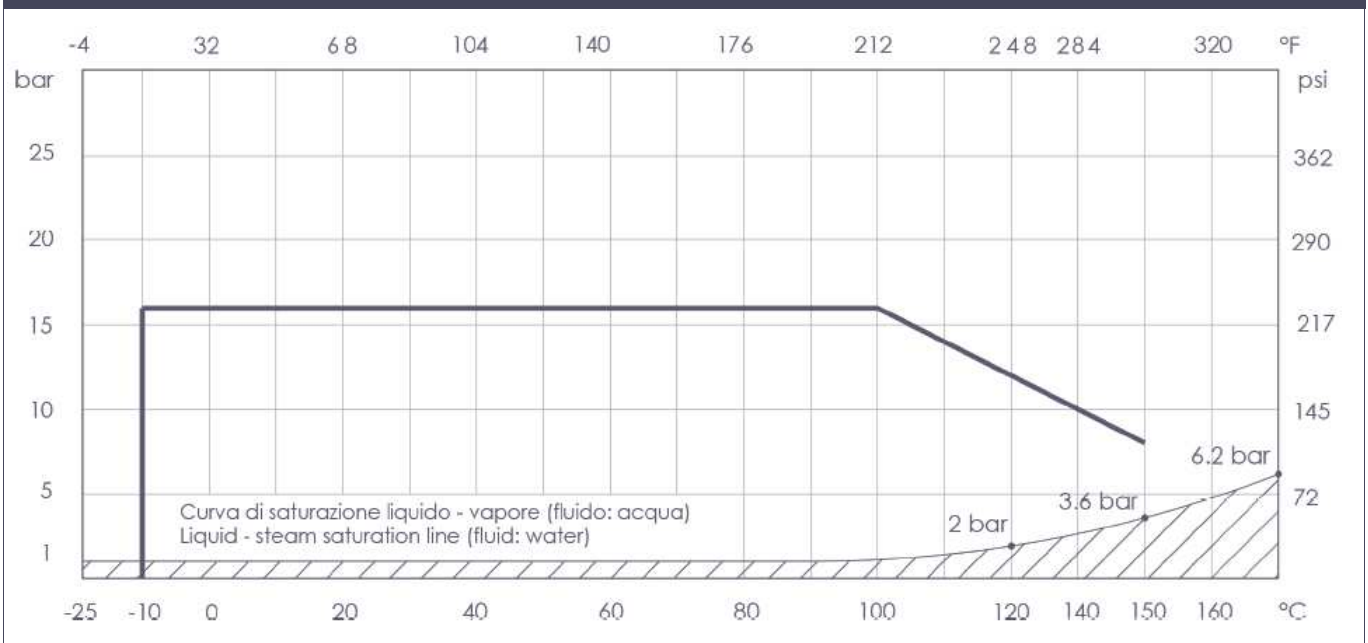
Various actuation options are available,
contact sales for details.

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)