



## JV091015

**Carbon Steel  
Fire Safe  
Ball Valve  
ISO 5211 Mount  
c/w Operating Lever  
Flanged  
ANSI 150**



A high performance Carbon Steel bodied full bore Ball Valve suitable for various heavy duty applications and is Fire Safe to API 607.

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

These valves may be locked in the open or closed position when fitted with a lever.

These valves can be supplied with electric, pneumatic, hydraulic and gearbox actuation.

### Approvals, Features & Benefits

- Face to face: API 608, ASME B16.34
- Fire Safe acc. to API 607
- ATEX approved
- DNV certified
- NACE MR0175
- ISO 5211 direct mounting pad
- Lockable device when lever is fitted
- Full bore

### Pressure & Temperature

Pressure range :-  
19.6 Bar  
(Max.12 bar for steam)

Temperature range\*:-  
-20°C to 200°C

\* Dependent on pressure

DN	15	20	25	32	40	50	65	80	100	125	150	200	250
<b>L</b>	108	117	127.5	140.5	165	178	190.5	203	229	356	394	457	533
<b>W</b>	190	190	190	190	235	235	235	235	235	757.5	757.5	863	1061
<b>H</b>	85	89.5	94.2	97.9	120.9	129.9	156.3	163.3	190.9	232	253	320.5	355
<b>h1</b>	8.5	8.5	10.5	10.5	14	14	17	17	23	28	27.5	36	36
<b>h2</b>	50.5	54	59	62	76.5	84.5	105	110.5	136	180	201	259	295
<b>D</b>	89	98	108	117	127	152	178	190.5	229	254	279	343	406
<b>ISO 5211</b>	F03/04	F03/04	F04/05	F04/05	F05/07	F05/07	F07/10	F07/10	F10/12	F10/12	F10/12	F14	F14
<b>Stem</b>	9x9	9x9	11x11	11x11	14x14	14x14	17x17	17x17	22x22	27x27	27x27	36x36	36x36
<b>Torque (Nm)*</b>	7	10	16	18	31	40	48	57	69	200	313	588	938
<b>Flange</b>	ANSI150	ANSI150	ANSI150	ANSI150	ANSI150	ANSI150	ANSI150	ANSI150	ANSI150	ANSI150	ANSI150	ANSI150	ANSI150
<b>Weight Kg</b>	1.7	2.1	3.2	3.7	6	8	14.5	18.2	29	40.3	52	88	143

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

### MATERIALS

<b>Body</b>	Carbon Steel (ASTM A216)
<b>Ball</b>	Stainless Steel (CFM8)
<b>O-ring</b>	Viton
<b>Seats</b>	TFM1600
<b>Stem</b>	Stainless Steel (316)