



## JV091033

**Carbon Steel  
Fire Safe  
Ball Valve  
ISO 5211 Mounting Pad  
c/w Operating Lever  
Flanged  
Class 300**



A high performance Carbon Steel bodied full bore Ball Valve suitable for various heavy duty applications and is Fire Safe to ISO 10497 : 2004.

The quarter turn operation in conjunction with the PTFE 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

- EN 558 Series 4 up to 6"
- Fire Safe ISO 10497 : 2004
- ATEX approved
- Fugitive emissions EN 15848-1:2006
- NACE MR01-75
- ISO 5211 Mounting Pad
- Lever operated c/w locking device
- Full bore

### Pressure & Temperature

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

Temperature range\*:-  
-29°C to 230°C

\* Dependent on pressure

DN	15	20	25	40	50	80	100	150	200
L	140	152	165	190	216	283	305	403	502
W	170	170	170	215	215	430	466	680	845
H	68	70	86	122.5	127.5	190	192.5	259	319
h1	18	18	22	33	33	34	45	56	69
h2	59	61	80.5	119.5	124.5	152.5	189	259	319
D	15	20	25	40	50	78	100	151	203
ISO 5211	F05	F05	F05	F07	F07	F10	F10	F12	F14
Stem (DD)	7xM10	7xM10	8xM12	12xM18	12xM18	15xM22	19xM28	24xM36	32xM48
Torque (Nm)*	10	13	17	30	49	135	170	308	780
Flange	Class 300	Class 300	Class 300	Class 300	Class 300	Class 300	Class 300	Class 300	Class 300
Weight Kg	2.5	3.7	4.7	9.4	12.2	25	39.5	88.1	160.5

\* Torque calculated at zero pressure without safety

### MATERIALS

Body	Carbon Steel (ASTM A216 WCB)
Ball	Stainless Steel (CFM8)
O-ring	Viton
Seats	PTFE
Stem	Stainless Steel (316)