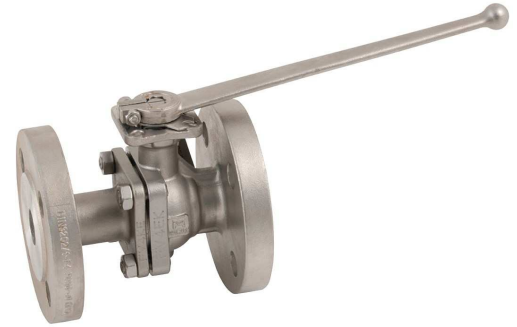


**JV090017**  
**Stainless Steel**  
**Fire Safe**  
**Ball Valve**  
**ISO 5211 Mount**  
**c/w Operating Lever**  
**Flanged**  
**PN16/40**



A high performance stainless steel bodied full bore ball valve suitable for various heavy duty applications and is of a fire safe design.

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.

**Approvals, Features & Benefits**

- Face to face: DIN 3202 part1 - F4/F5
- Fire Safe approved
- ATEX approved
- DNV-GL type approval
- ISO 5211 direct mounting pad
- Lockable device when lever is fitted
- Full bore

**Pressure & Temperature**

Pressure range :-  
DN15 - 50 : PN40 rated  
DN65 - 250 : PN16 rated  
(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>	115	120	125	130	140	150	170	180	190	325	350	400	450
<b>W</b>	197	197	197	197	247	247	340	340	340	756	756	840	1040
<b>H</b>	86.5	89	93	106	121	129	158	166	189	232	253	320.5	355
<b>h1</b>	8.5	8.5	11	11	15	15	22	22	24	27	27		
<b>h2</b>	60	62.5	69	82	91	99	127	134.5	160				
<b>D</b>	15	20	24	30	38	50	64	76	98	125	150	200	250
<b>ISO 5211</b>	F03/04	F03/04	F04/05	F04/05	F05/07	F05/07	F07	F07	F10	F10/12	F10/12	F14	F14
<b>Stem</b>	9	9	11	11	14	14	17	17	22	27	27	36	36
<b>Torque (Nm)*</b>	6.5	10	15.6	17.5	30.6	40	47.5	56.3	68.8	200	312.5	587.5	937.5
<b>Flange</b>	PN40	PN40	PN40	PN40	PN40	PN40	PN16	PN16	PN16	PN16	PN16	PN16	PN16
<b>Weight Kg</b>	2.3	2.9	3.9	5	7.3	10	14	17.9	25.7	45.4	67	116	

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

**MATERIALS**

<b>Body</b>	Stainless Steel (CFM8)
<b>Ball (DN15-100)</b>	Stainless Steel (CFM8)
<b>Ball (DN125-250)</b>	Stainless Steel (316)
<b>O-ring</b>	Viton
<b>Seats</b>	TFM1600
<b>Stem</b>	Stainless Steel (316)