

Features

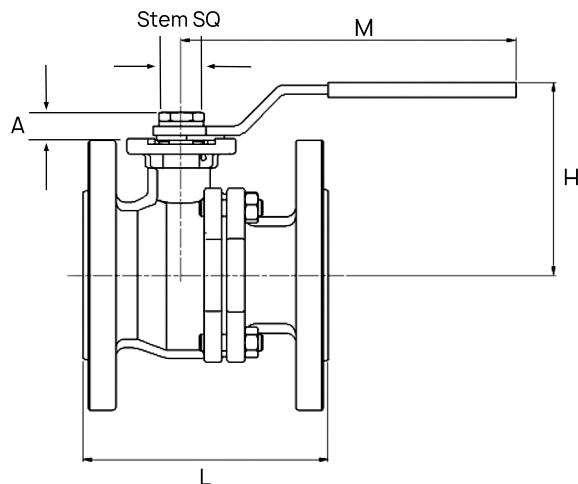
- Full bore 2 Piece ball valve
- 316 Stainless Steel construction
- Flanged ends to ANSI B16.5 Class 150
- ATEX Approved and Fire Safe Design
- Anti-static device fitted
- ISO5211 actuator mounting pad
- Maximum pressure 19 Bar rated
- Working temperature -30°C to +180°C



Operation

Turning the hand lever one quarter-turn (90°) rotates the ball from closed to the open position. A locking device allows for pad locking the valve in either the open or closed position for safety lockout applications. Actuators direct mount to its standard ISO5211 mounting pad and square output shaft.

Materials	
Body	316 Stainless Steel 1.4408 shot blasted
Ball	316 Stainless Steel 1.4408
Seats	15% Glass Filled PTFE
Stem / Seals	316SS / Viton O-ring, PTFE, Graphite
Lever	Stainless Steel 304SS with Vinyl cover



Manufacturer:

GENEBRE

Dimension Table

Size	H	L	M	*ISO5211	*A	*Stem SQ	Torque (Nm)
1/2"	85.0	108.0	170.0	F04	9.5	9	6.3
3/4"	85.0	117.0	170.0	F04/05	10.0	9	10.0
1"	95.0	127.0	170.0	F04/05	11.0	11	12.5
1 1/4"	106.0	140.0	200.0	F05/07	15.5	14	17.5
1 1/2"	110.0	165.0	200.0	F05/07	15.5	14	25.0
2"	118.0	178.0	200.0	F05/07	15.5	14	37.5

* 2 1/2" to 8" continued on page 2.....

* Refers to the stem dimensions & actuator mountings

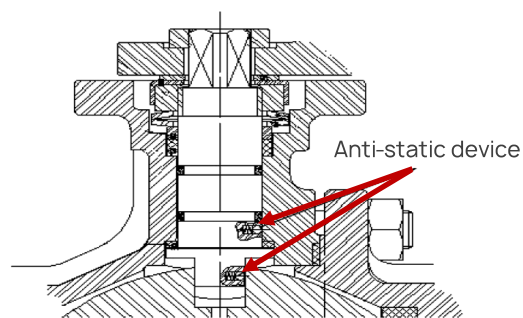
Torque incl SF

Dimension Table continued..

Size	H	L	M	*ISO5211	*A	*Stem SQ	Torque (Nm)
2 1/2"	170.0	190.0	380.0	F07/F10	21.0	17	45.0
3"	170.0	203.0	380.0	F07/F10	21.0	17	75.0
4"	170.0	229.0	380.0	F07/F10	21.0	17	118.8
6"	225.0	350.0	620.0	F10/F12	34.0	27	262.5
8"	330.0	457.0	800.0	F12	27.0	27	512.5
* Refers to the stem dimensions & actuator mounting							Torque incl SF

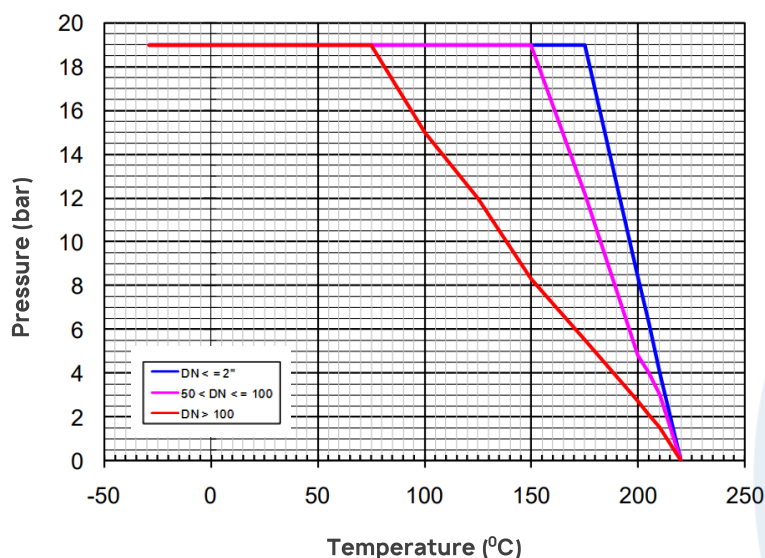
ATEX Insulation

These ball valves are suitable to be set up in explosive atmospheres: Class I, Zones 1 and 2 according to IEC 60079-10, whose self-ignition temperature is $\leq 190^{\circ}\text{C}$, for the gas group II C, and in Class II, Zones 21 and 22 according to IEC 61241-3, whose self-ignition temperature is $\geq 130^{\circ}\text{C}$ in combustible dust clouds, and $\geq 125^{\circ}\text{C}$ in layers of dust with a maximum thickness of 5 mm. It is recommended to include in the maintenance program a regular cleaning of the surface of the valve to avoid thicker dust layers than 5 mm.



This device ensures the electrical continuity between ball, stem and body, required with flammable fluids.

Pressure Temperature ratings:



ATEX Technical Data

CE custody file:	LOM 11ATEX0067
ATEX Classification:	II 2 GD
Type of protection:	Constructional safety "c"
T 'amb'. of use:	20°C a/to +60°C
Thermal Class:	T6 to T3 depending on the flowing media
Max. Surface Temperature (Class II):	T130°C in dust cloud - T125°C in dust thickness of 5 mm