

BALL VALVES

Installation / removal and guidelines



For use as guidance only, responsibility for the correct selection of a suitable product remains with the user. Please ensure you are fully aware of the application medium, pressure, temperature, and any other installation factors as this may determine the material selection of the seats and seals of the ball valve. Holmbury assumes no liability in the event of any field failure if installation / removal or guidelines are not followed correctly.

- ✓ Qualified personnel should only undertake the installation and removal of ball valves. The system should be fully depressurised prior to fitting. Pipework should be aligned in the correct plane and sufficiently anchored so as not to impose torsional forces or loads. The open / close position of the ball valve must be aligned with the flow path of the hydraulic system.
- ✓ Ball valves are intended for assembly in pipe systems with identical pressure ratings in between the fittings.
- ✓ Ball valves open and close by rotation and, according to EN ISO 5211.8, the handle must be turned clockwise to close the ball valve.
- ✓ Ball valves can be operated either by handle or an actuator.
- ✓ Ball valves must be inspected for damage before installing, damaged ball valves must not be installed. Once in situ they should be periodically checked as part of routine maintenance.
- ✓ Ball valves installed for extended periods without being operated, should be turned every six months in order to prevent seizure.
- ✓ Ball valves are non-serviceable items and should not be disassembled.
- ✓ Ball valves should not be used to control or throttle flow.
- ✓ Ball valves installed in explosive zones are considered as non-electrical equipment, because there is no ignition source acc. to EC directive 94/9EG and therefore are not subject to ATEX.



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