



# Piston Accumulators Datasheets

BESPOKE PISTONS AVAILABLE UPON REQUEST



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We specialise in the design and manufacture of piston accumulators: see our Design Standards section for more information.

We offer piston accumulators in an infinite range of sizes, typically 0.5 to 500 litres. They can be provided in a range of materials to suit both topside and subsea applications, including:

- 316 Stainless Steel
- Duplex/Super Duplex
- 17-4 Stainless Steel
- Carbon/Alloy Steels

With many others available on request.

*External coatings are also available.*

### **BESPOKE DESIGNS INCLUDE THE FOLLOWING OPTIONS:**

- Pressures of 0 to 2500 bar
- Large temperature ranges
- Bespoke sizing to suit customer needs
- Various elastomers to suit the application (medium, temperatures, movement and pressures)
- Excellent pressure ratios
- Magnetic level gauges, switches and transmitters (ATEX approval and HART protocol available)

### **DESIGN STANDARDS**

QHP can design and manufacture to the following standards:

- BSEN 14359 (British/European Accumulator Code)
- ASME VIII Division 1 (U Code Stamp available)
- AS1210 (Australian Pressure Vessel Code)

### **QHP CAN ALSO OFFER THE FOLLOWING APPROVALS:**

- PED 2014/68/EU (European Pressure Equipment Directive)
- ATEX 2014/34/EU
- Lloyds Register
- NB (National Board)
- DNV GL (Det Norske Veritas)
- ABS (American Bureau of Shipping)
- USCG (US Coast Guard)
- BV (Bureau Veritas)
- CRN (Canadian Registration Number)
- Australian Design Registration for all Australian States.
- CUTR / EAC marking for Russia, Belarus and Kazakhstan.
- SELO for China
- DOSH for Malaysia
- NR13 for Brazil
- 3A Marking for Serbia

