

# 1 - 50 Litre Oil & Gas Bladder Accumulators 420 Bar

## SPECIFICATION:

Standard Pressure Oil & Gas Bladder Accumulator  
 Capacity: 1 to 50 Litre  
 Shell Material: Chromium Molybdenum Alloy Steel  
 Connection Material: Stainless Steel  
 Gas Connection: ¼" BSP Male Gas Valve (316 Stainless Steel)  
 Fluid Connection: See Table Below  
 Maximum Working Pressure: 420 Bar  
 Design Pressure: 420 Bar  
 Hydrostatic Test Pressure: 600.6 Bar  
 Metallic Design Temperature: -40°C to +80°C (Standard)  
 Elastomeric Operating Temperature: Various Elastomers Available  
 Design Code: BS EN 14359  
 Approval: PED 2014/68/EU  
 Dimensions & Weight: See Table Below

## Bladder & Elastomer:

- Available In A Range Of Elastomers To Suit Operating Conditions

## Flushing:

- SAE AS4059 Class 6B-F or NAS 1638 Available
- Medium: Water Glycols & Mineral Oils

## External Coating:

- Special Offshore Topside Paint Specifications Available Upon Request
- Norsok M501 System Coatings

## Material Certification:

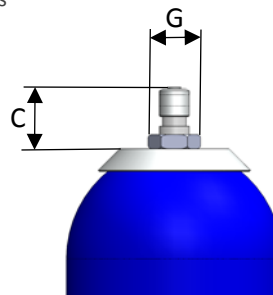
- BS EN 10204-3.1 For Major Pressure Retaining Components
- C of C, D of C & Process Certification

## Accessories Available:

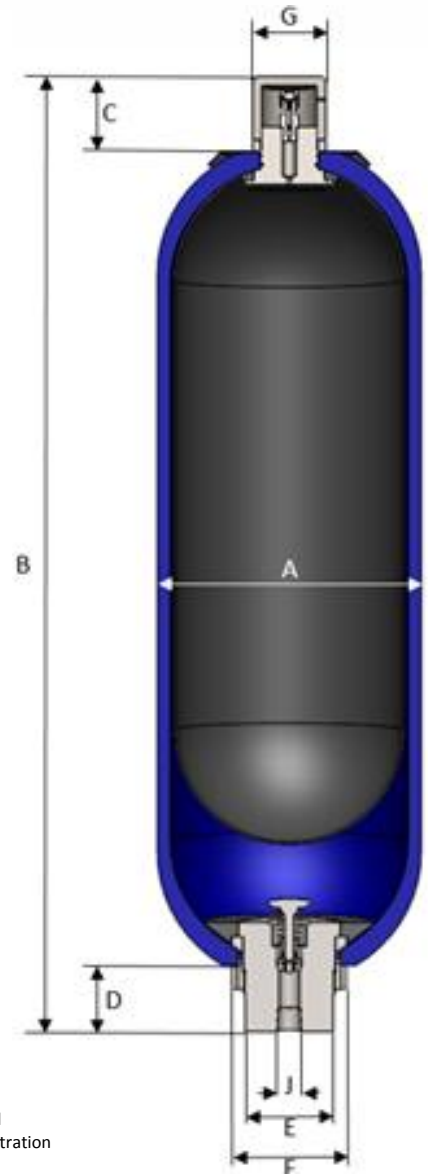
- Clamps & Brackets (Carbon & Stainless Steel)
- Fluid Side Safety Blocks (Optional relief valves)
- Portable Charging Sets
- Internal Electroless Nickel Plating (ENP)

## Permanent Charging Blocks:

- ¼" BSP Gas Valve Connection
- Burst Disc (Option)
- Various Connections Available



\* 1 & 2 Litre Accumulators Are Not Fitted With A Protective Cap As Per Above Illustration



Nominal Capacity (litres)	Gas Volume (litres)	Weight (kg)	Dimensions							
			ø A (mm)	B Max. (mm)	C (mm)	D (mm)	ø E (mm)	ø F (mm)	ø G* (mm)	J (NPT)
1.00	1.25	4.5	114	290	29	65	45	63	27	½"
2.00	2.25	11	114	440	29	65	45	63	27	½"
4.00	3.75	13	170	420	70	55	60	79	25	½"
10.00	9.25	45	229	550	70	60	76	100	25	½"
20.00	18.75	65	229	852	70	60	76	100	25	½"
25.00	25.75	85	229	1130	70	60	76	100	25	½"
35.00	35.25	100	229	1380	70	60	76	100	25	½"
50.00	49.25	135	229	1895	65	60	76	100	63.5	½"

BESPOKE ACCUMULATORS AVAILABLE UPON REQUEST

CONTACT QHP LTD FOR MORE INFORMATION:

T: +44 (0) 1244 393500 | E: info@qhp.co.uk | W: www.qhp.co.uk