

# Hydraulic & Offshore SUPPLIES

## Stainless Steel Bladder Accumulator

Contact our team *and*  
**Order today on:**  
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# Stainless Steel Bladder Accumulator

Up to 345 bar



## Specification

### Design Features include

- 316 Stainless steel welded construction.
- Design approved to PD 5500 Cat 1/CE marked (ASME VIII Div 1 available if required).
- U code option available for more information please contact us.
- Working pressure up to 345 bar.
- Optional bladder materials to suit system fluid (see bladder details data sheet).
- Optional fluid end connections threaded or flanged.
- Material certification to BS EN 10204 3.1 if requested
- Other accessories available on request (e.g. Charging sets, clamps brackets).

### Benefits

- Lower weight compared with piston accumulator constructions.
- High corrosion resistance typically for sub-sea environment.
- Low inertia and fast response for control system applications.

| Nominal Capacity (l) | Effective Gas Vol. (l) | Working Pressure (bar) | L (mm) | D (mm) | Weight (kg) |
|----------------------|------------------------|------------------------|--------|--------|-------------|
| 10                   | 9.4                    | 80                     | 575    | 220    | 45          |
| 10                   | 9.4                    | 150                    | 575    | 228    | 54          |
| 10                   | 9.4                    | 207                    | 575    | 237    | 66          |
| 10                   | 9.4                    | 280                    | 575    | 254    | 86          |
| 10                   | 9.4                    | 345                    | 575    | 267    | 103         |
| 12                   | 11.1                   | 80                     | 675    | 220    | 52          |
| 12                   | 11.1                   | 150                    | 675    | 228    | 63          |
| 12                   | 11.1                   | 207                    | 675    | 237    | 78          |
| 12                   | 11.1                   | 280                    | 675    | 254    | 103         |
| 12                   | 11.1                   | 345                    | 675    | 267    | 124         |
| 20                   | 18.8                   | 80                     | 885    | 220    | 63          |
| 20                   | 18.8                   | 150                    | 885    | 228    | 79          |
| 20                   | 18.8                   | 207                    | 885    | 237    | 100         |
| 20                   | 18.8                   | 280                    | 885    | 254    | 135         |
| 20                   | 18.8                   | 345                    | 885    | 267    | 219         |
| 28                   | 25.8                   | 80                     | 1150   | 220    | 81          |
| 28                   | 25.8                   | 150                    | 1150   | 228    | 102         |
| 28                   | 25.8                   | 207                    | 1150   | 237    | 130         |
| 28                   | 25.8                   | 280                    | 1150   | 254    | 178         |
| 28                   | 25.8                   | 345                    | 1150   | 267    | 219         |
| 37                   | 35.2                   | 80                     | 1405   | 220    | 95          |
| 37                   | 35.2                   | 150                    | 1405   | 228    | 122         |
| 37                   | 35.2                   | 207                    | 1405   | 237    | 157         |
| 37                   | 35.2                   | 280                    | 1405   | 254    | 217         |
| 37                   | 35.2                   | 345                    | 1405   | 267    | 269         |
| 54                   | 49.2                   | 80                     | 1920   | 220    | 124         |
| 54                   | 49.2                   | 150                    | 1920   | 228    | 162         |
| 54                   | 49.2                   | 207                    | 1920   | 237    | 212         |
| 54                   | 49.2                   | 280                    | 1920   | 254    | 297         |
| 54                   | 49.2                   | 345                    | 1920   | 267    | 370         |

NB. The above weights and dimensions are based on our standard CE marked accumulators.

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