

Fluid Energy Controls

CE/PED Bladder Accumulators 350/330 BAR Design

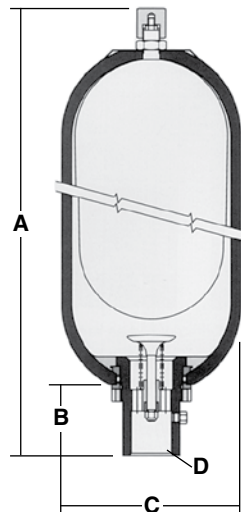
Typical applications:

- **Construction/mining equipment** — emergency backup for steering and brakes.
- **Hydrostatic drive** — shock absorption when changing directions.
- **Injecting molding/die casting** — high pressure in a short time period.
- **Plunger/diaphragm pumps** — production control.
- **Fork lifts** — pressure spike dampening.
- **Machine tools** — pressure maintenance with pump size reduction.
- **Transportation vehicles** — suspension systems and braking backup.
- **Turbine engines** — oil supply for lubrication.
- **Winches** — maintaining line tension.
- **Blow out preventors, oil wells** — standby power for shutoff valves.
- **Pipelines** — water hammer and surge control.

Specifications:

- **CE/PED certified and stamped**
- **Rated at 350/330 BAR maximum working pressure**
- **Carbon steel shell**
- **Buna N bladder**

For any special sizes not listed, please contact factory.



| NOMINAL SIZE (L) | ACCUMULATOR PART NO. | DESIGN PRESSURE (bar) | DRY WT. (kg) | DIMENSIONS (mm) | | | | REPAIR KIT PART NO. |
|------------------|----------------------|-----------------------|--------------|-----------------|-----|-----|------------------|---------------------|
| | | | | A | B | C | D (BSPP) | |
| 1 | 8301000 | 350 | 4.5 | 325 | 55 | 114 | G $\frac{3}{4}$ | 5253001 |
| 2.5 | 8302000 | 350 | 9.1 | 540 | 63 | 114 | G1 $\frac{1}{4}$ | 5253002 |
| 4 | 8304000 | 350 | 15 | 416 | 63 | 168 | G1 $\frac{1}{4}$ | 5253004 |
| 5 | 8305000 | 350 | 16 | 890 | 63 | 114 | G1 $\frac{1}{4}$ | 5253005 |
| 6 | 8306000 | 350 | 19.5 | 546 | 63 | 168 | G1 $\frac{1}{4}$ | 5253006 |
| 10 | 8310000 | 330 | 28 | 572 | 103 | 219 | G2 | 5253010 |
| 12 | 8312000 | 330 | 34 | 672 | 103 | 219 | G2 | 5253012 |
| 20 | 8320000 | 330 | 45 | 882 | 103 | 219 | G2 | 5253020 |
| 24 | 8324000 | 330 | 53 | 1017 | 103 | 219 | G2 | 5253024 |
| 32 | 8332000 | 330 | 74 | 1402 | 103 | 219 | G2 | 5253032 |
| 50 | 8350000 | 330 | 103 | 1917 | 103 | 219 | G2 | 5253050 |
| 57 | 8357000 | 330 | 108 | 2015 | 103 | 219 | G2 | 5253057 |

Notes:

All dimensions and weights are for general information only. Please verify all critical dimensions with Fluid Energy Controls. Other materials of construction, pressure and connection are available upon request.