

PDI - Accumulators

Product Overview

PneuDrualics, Inc. (PDI) delivers high-performance aerospace hydraulic **accumulators** engineered for long-term system reliability and compliance with the latest burst-pressure requirements. Our accumulators offer optional **charging valves, integrated pressure gauges**, and innovative features such as PDI's **proprietary equalization device**, which significantly reduces pneumatic pressure loss over an aircraft's service life. Proven across major **commercial** and **business jet** platforms, PDI accumulators support **stable hydraulic operation** and provide **dependable performance** worldwide.

Product Examples



**Accumulator,
25 cu.in.**

**Accumulator with
LVDT Sensor, 46 cu.in.**

**Accumulator,
50 cu.in.**

**Accumulator,
75 cu.in.**

Features

✓ Volumes Options

Ranging between 10 & 400+ cu in

✓ Burst Strength

Meets Part 25 requirements

✓ Monitoring Hardware

Optional pressure gauges

✓ Proprietary Equalization

Minimizes pressure loss over lifespan

✓ Custom Solutions

Application specific designs

✓ Reliability

Exceeds Part 25 endurance limits by 4x

Configuration Examples

Volume	Fluid	System Pressure	Dry Weight	Diameter	Length
201 cu in	MIL-PRF-83282	3000 PSIG	20.00 lbs	5.25 in	21.60 in
100 cu in	MIL-PRF-5606	250 PSIG	5.17 lbs	1.70 in	23.75 in
75 cu in	AS1241 (Skydrol)	3750 PSIG	11.10 lbs	3.50 in	17.30 in
50 cu in	AS1241 (Skydrol)	3075 PSIG	6.50 lbs	3.75 in	13.26 in
26.4 cu in	MIL-PRF-83282	3060 PSIG	2.68 lbs	2.44 in	12.75 in
25 cu in	MIL-PRF-83282	3000 PSIG	4.15 lbs	2.81 in	14.00 in
11.5 cu in	AS1241 (Skydrol)	3060 PSIG	2.00 lbs	2.50 in	7.50 in
10 cu in	MIL-PRF-83282	1500 PSIG	1.12 lbs	2.50 in	6.53 in

Contact Us

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