

# BENCOR (Pty) Ltd.

Hydraulic accessories



## Hydraulic miniature accumulators type AC

The hydraulic miniature accumulators type AC are available in two different sizes. They are used for compensating temperature dependent volume variations, possible losses due to leakage, as source of pressurized oil for emergency actuations, or to dampen oscillations in circuits with pressure difference controlled devices.

It is possible to use a version with shut-off valve for applications with a system pressure above  $4p_0$  (gas filling pressure)

These accumulators may be integrated in differing hydraulic systems e.g. hydraulic clamping systems, in various installation positions by means of a wide range of fittings.

**Nomenclature:** Miniature diaphragm accumulator

**Design:** Screw-in

**$p_{max}$ :** 400...500 bar

**$V_0$ :** 13 or 40 cm<sup>3</sup>



### Basic types and general parameters

Basic type and size	$V_0$ (cm <sup>3</sup> )	Pressure $p_{max}$ (bar)	Max. gas filling pressure $p_0$ (bar)	Connection thread	Symbol
AC 13-1/4	13	500	250	G 1/4	AC
ACS 13-1/4 <sup>1)</sup>	13	500	250	G 1/4	ACS
AC 40-1/4	40	400	250	G 1/4	AC

<sup>1)</sup> Version with shut-off valve

### Additional versions

- Prolongations to increase the distance
- Fittings (see also "Further information")

### Order examples

#### ACS 13 - 1/4 - 50/110

Hydraulic miniature accumulator type ACS, with shut-off valve, size 13 connection thread G 1/4A, gas filling pressure 50 bar, set pressure for the shut-off valve 110 bar

#### AC 40 - 1/4 - 150

Hydraulic miniature accumulator type AC, size 40, connection thread G 1/4A, gas filling pressure 150 bar