

Product:

Bladder Type Accumulator | AL series, AT series

A Bladder Accumulator is typically used for storing pressurized energy, but also act as a compensating device for hydraulic shocks, surges and pulsations. The system uses pressurized oil that is discharged from accumulators to operate cylinders, this enables pumps to be smaller, shortens their cycles, and conserves energy.

The rubber bladders are made with the typical EKK-developed quality and offer unique characteristics when it comes to durability. Although the material is known for its durability, a replacement of the bladder will be needed after a few years. Therefore, EKK offers a separate bladder replacement kit, that includes a bladder, o- and backup rings, and gas valve. In order to make the replacement of the bladder easier, EKK offers the tools to go with it. Among them hook spanners, pull rods and –wires, hanging hooks, and core tools.

Gas filling tools, gas control valve and fuse metal type safety valve are also available separately.

Specifications:

Item	AL series	AT series	Unit
Shell Material	Steel	Steel	
Nominal Volume	1.2 ~ 4.5	10 ~ 160	litres
Max. Working Pressure	14,7 ~ 29,4	18 ~ 35	MPa
Max. Discharge Flow Rate	126 ~ 370	600 ~ 4800	l/min
Rubber Material	NBR (Standard Nitrile Rubber, -20 ~ 100°C) NBR (Nitrile Rubber for Low Temp., -40 ~ 80°C) IIR (Butyl Rubber, -30 ~ 100°C)		
Height H (with TR cap)	282 ~ 496	610 ~ 2515	mm
Diameter D	120 ~ 177,8	223 ~ 356	mm
Thread	G¾ - G1¼	G2 - G3 - M105x2	



AL Series



AT Series

Developing small things that make a big difference.