

Product:

Multi-layer Diaphragm Type Accumulator | MUV series

EKK's unique long-life multi-layer diaphragm has an extremely high permeation barrier that retains the gas over 20 times longer than conventional diaphragm accumulators. Using our polymeric material technology and processing technology resulted in EKK creating a resin layered diaphragm that exponentially improves the gas retention of accumulators. This accumulator should be selected if an extremely long lifespan and maintenance-free operation are desired. With this we help decrease fleet maintenance frequency so productivity goals can be met.

The uniquely shaped diaphragm has a pre-formed design that offers less resistance during operation compared to conventional designs. This extends the accumulators' life to the full.

Specifications:

| Item | MUV series | Unit |
|--------------------------|--|-------|
| Shell Material | Steel | |
| Diaphragm material | NBR & resin laminated multi-layer (-20 ~ 80°C) | |
| Max. Working Pressure | 6,86 | MPa |
| Max. Discharge Flow Rate | 10 - 30 | l/min |
| Nominal Volume | 150 - 500 | cm3 |
| Height H | 93 ~ 117 | mm |
| Diameter D | 86 ~ 128 | mm |
| Thread T (G) | G $\frac{3}{8}$ - G $\frac{3}{4}$ | |
| Thread T (R) | R $\frac{3}{8}$ - R $\frac{3}{4}$ | |



All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications, however, means that they can serve only as guide values. We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. This is subject to change.

Developing small things that make a big difference.