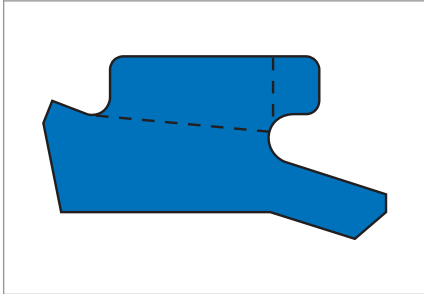


Merkel Damper Seal AU DIP



Fitting & installation

Careful fitting is a prerequisite for the correct function of the seal.
→ Technical Manual. Merkel damper seals can be snapped by hand into the housing grooves provided.

Product description

Merkel Damper Seal AU DIP with spacer lug and flow passages.

Product advantages

- Integrated non-return valve function due to axial seal, spacer lugs and flow passages
- Constant, reliable damping function due to automatic centring

Application

- Damper seal e.g. for ISO cylinders

Material

≤12 mm

Material	Code	Hardness
Polyurethane	85 AU 20991	85 Shore A

>12 mm

Material	Code	Hardness
Polyurethane	94 AU 925	94 Shore A

Operating conditions

Medium	Prepared, dried and de-oiled compressed air (after greasing for fitting)
Operating pressure p	≤2,5 MPa
Temperature T	-30 ... +90 °C
Running speed v	≤1,0 m/s

Design notes

Surface quality

Peak-to-valley heights	R _{max}	R _p /R _z
Rod	≤4 μm	<0,5 μm
Groove base	≤10 μm	- μm

tp (25% R_{max}) = 50 ... 75%

→ Technical Manual.