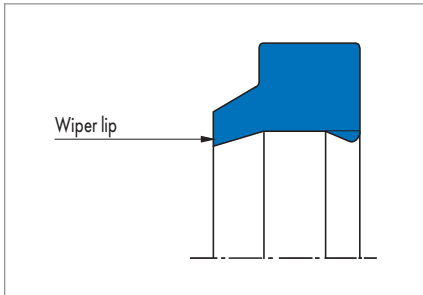


Merkel Wiper AUASOB



Product description

Dirt wiper without metal reinforcement, protruding wiper lip and base face support.

Product advantages

Single-acting wiper for the protection of cylinders against ingress of dirt, use in standardised housings according to ISO 6195 Type A.

Application

- Standard cylinders

Material

Material	Code	Hardness
Polyurethane	94 AU 925	94 Shore A

Operating conditions

Running speed v	2 m/s
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Medium/ Temperature	94 AU 925
Hydraulic oils HL, HLP	-30 °C ... +110 °C
HFA fluids	+5 °C ... +50 °C
HFB fluids	+5 °C ... +50 °C
HFC fluids	-30 °C ... +40 °C
HFD fluids	-
Water	+5 °C ... +40 °C
HETG (rapeseed oil)	-30 °C ... +60 °C
HEES (synthetic ester)	-30 °C ... +60 °C
HEPG (glycol)	-30 °C ... +40 °C
Mineral greases	-30 °C ... +110 °C

Design notes

Please observe our general design notes in → Technical Manual.

Surface quality

Peak-to-valley heights	R_a	R_{max}
Sliding surface	* μm	* μm
Groove base	$\leq 1,6 \mu\text{m}$	$\leq 6,3 \mu\text{m}$
Groove flanks	$\leq 3,0 \mu\text{m}$	$\leq 15,0 \mu\text{m}$

* Surface roughness of the sliding surface to suit the sealing component used.

Tolerances

Nominal $\varnothing d$	D	D_1
6 ... 200 mm	H11	

Fitting & installation

Careful fitting is a prerequisite for the correct function of the wiper. Merkel Wiper AUASOB can be quickly and easily fitted by deforming into a kidney shape. → Technical Manual.