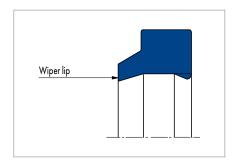
© Freudenberg FST GmbH | Seals for Fluid Power eCatalog 2015 | www.fst.com

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

kunning speed v	Z m/s	
Medium/	94 AU 925	
Temperature	74 NO 723	
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	≤1,6 µm	≤6,3 µm
Groove flanks	≤3,0 µm	≤15,0 µm

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

Tolerances

Nominal Ø 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.

