



ADM 55

Description

Product group: Wiper

Design: DM Double wiper, with metal bonded fit

Profile no.: 55

Material: TPU 95 3401, steel acc. to DIN EN 10139

Operational application limits

Temperature (°C): -40 to +100

Running speed (m/s): ≤ 1

Media

Hydraulic oils acc. to DIN 51524 Part 1 - 3, lubricating oils, mineral oil based lubricating greases, highly non-flammable hydraulic fluids HFA, HFB, HFC acc. to VDMA 24317

Function

The ADM 55 is a double-acting wiper. It provides a double function wiping the dirt from the rod and retaining the residue oil film with the second lip. The retained oil can be returned to the system through a leakage bore hole. On the outer circumference, a metal caged ring is vulcanised onto the TPU body.

Installation

Wipers of the ADM 55 design can be installed in an axially accessible installation housing. The advantage lies in the simple design of the installation housing and practical easy installation, in particular with smaller diameters. Please note that the installation housing has to be designed with light chamfering.

Remarks

Wipers made of TPU are well suited for applications in mobile hydraulic systems which are subjected to a heavy dirt load. Due to the good wear resistance of Polyurethane, the ADM 55 has a long service life. The metal angle ring ensures the functionally correct fit of the wiper in the installation housing due to a press fit allowance. The design of the metal angle ring leaves only a small surface area open to attack by corrosive media.