



Function

Wipers are designed to keep dust, dirt, sand and others off the rod and the sealing and guiding elements, avoiding abrasive damage caused by external contamination.

Features

- ⇒ The profile is designed with an additional sealing lip on the OD which provides a good static fit, preventing the entry of humidity and other contamination via the outside diameter.
- ⇒ Sharp sealing lip for wiping in extreme conditions (minig industry, ice,...).
- ⇒ Commonly made out of hard materials such as hard grade PU.

Application

Reciprocation rods in hydraulic cylinders, plungers.
 Extreme working conditions in mining industry or earth moving devices.
 Max. pressure 0 bar, max. speed 4 m/s.

Installation

Snap-in installation.

Seal housing recommendation

Tolerances	[mm]	
L < 10mm	+ 0.2	
L ≥ 10mm	+ 0.3	
∅ NA	H11	
∅ NI	f 9	
Surface roughness	Rtmax [μ]	Ra [μ]
Bottom of groove	≤ 6.3	≤ 1.6
Face of groove	≤ 15	≤ 3
Sliding surface	Rtmax [μ]	Ra [μ]
PU, elastomeres	≤ 2.5	≤ 0.1-0.5
PTFE	≤ 2	≤ 0.05-0.3

Profile description

Wiper Ring
WR02C