

# WIPER SEALS BECA 478



FRANCEJOINT

# **ODESCRIPTION**

The BECA 478 profile is a wiper seal composed of a thin brass wiping lip assembled in tandem with a second rubber wiping lip in a metal shell. This seal is designed to efficiently remove the solid particles (ice, mud) and all other impurities that stick to the rod.

### **OADVANTAGES**

Very good external wiping effect even for stubborn soiling (ice, mud) Very good abrasion resistance Assembly in open groove

### **OAPPLICATIONS**

Cold and heavily contaminated environments Agriculture Mobile machinery Material handling - Lifting Hydraulic cylinders

### **OMATERIALS**

Primary sealing lip Brass Secondary sealing lip NBR 70 Shore A Metal cage Steel

# **O** TECHNICAL DATA

Temperature	-40°C / +100°C
Speed	1 m/s
Media	Mineral oils Fire-resistant hydraulic fluids (HFA, HFB and HFC) Water Air

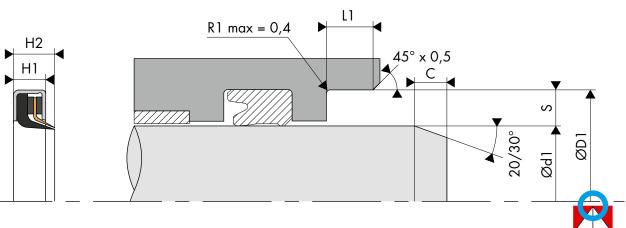
The figures above indicate the maximum values and may not be cumulated. They may be developed, depending on the materials used.

## **O** SURFACE ROUGHNESS

Roughness	Dynamic surface area	Static surface area	Groove flanks
Ra	0.1 - 0.4 µm	≤1.6 µm	≤3.2 µm
Rz	0.63 - 2.5 µm	≤6.3 µm	≤10.0 µm
Rmax	1.0 - 4.0 µm	≤10.0 µm	≤16.0 µm

# **O** CHAMFER

The chamfer length as well as the chamfer angle are determined by the rod seal.



#### QUALITY & EXPERTISE FOR YOUR SEALING NEEDS

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