

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

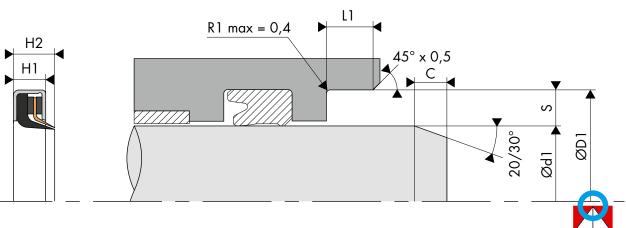
The figures above indicate the maximum values and may not be cumulated. They may be developed, depending on the materials used.

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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