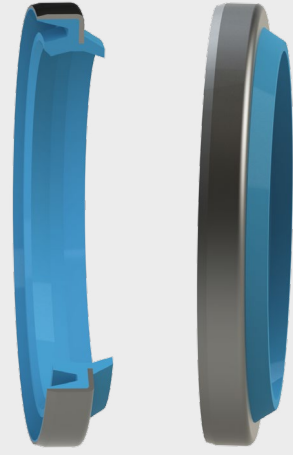


WIPER SEALS

BECA 473



DESCRIPTION

The BECA 473 profile is a double acting wiper seal with a polyurethane metal insert.

ADVANTAGES

Tight and precise fitting in the housing
 Very good wiping effect, both internally and externally
 Excellent abrasion and wear resistance

APPLICATIONS

Agriculture
 Mobile machinery
 Material handling - Lifting
 Hydraulic cylinders

MATERIALS

Profiled seal

PU 94 Shore A - White

Metal cage

Steel

Other grades of materials are available.
 Please contact our experts.

TECHNICAL DATA

Temperature	-30°C / +110°C
Speed	1 m/s
Media	Mineral hydraulic oils

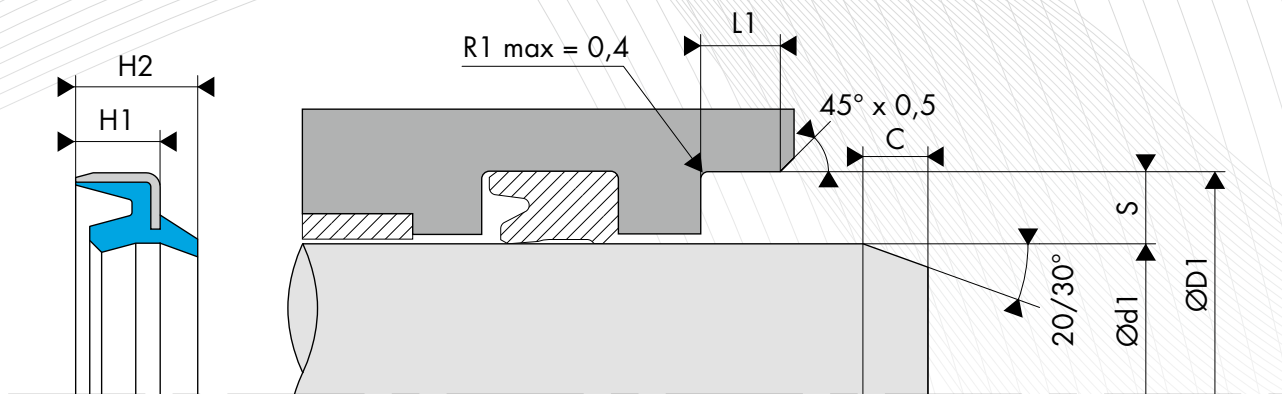
The figures above indicate the maximum values and may not be cumulated. They may be developed, depending on the materials used.

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

CHAMFER

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



DIMENSIONS

Part number	Rod diameter Ød1 h9	Groove diameter ØD1 H8	Groove width L1 0/+0.20	Seal height H2
473.0200326	20.00	32.00	6.00	9.00
473.0250376	25.00	37.00	6.00	9.00
473.0280406	28.00	40.00	6.00	9.00
473.0300426	30.00	42.00	6.00	9.00
473.0320447	32.00	44.00	7.00	10.00
473.0340467	34.00	46.00	7.00	10.00
473.0350477	35.00	47.00	7.00	10.00
473.0360487	36.00	48.00	7.00	10.00
473.0380507	38.00	50.00	7.00	10.00
473.0400527	40.00	52.00	7.00	10.00
473.0450577	45.00	57.00	7.00	10.00
473.0500627	50.00	62.00	7.00	10.00
473.0550698	55.00	69.00	8.00	12.00
473.0560708	56.00	70.00	8.00	12.00
473.0600748	60.00	74.00	8.00	12.00
473.0630778	63.00	77.00	8.00	12.00
473.0650798	65.00	79.00	8.00	12.00

Part number	Rod diameter Ød1 h9	Groove diameter ØD1 H8	Groove width L1 0/+0.20	Seal height H2
473.0700848	70.00	84.00	8.00	12.00
473.0750898	75.00	89.00	8.00	12.00
473.0800948	80.00	94.00	8.00	12.00
473.0850998	85.00	99.00	8.00	12.00
473.0901048	90.00	104.00	8.00	12.00
473.0951098	95.00	109.00	8.00	12.00
473.1001148	100.00	114.00	8.00	12.00
473.1051219	105.00	121.00	9.00	12.00
473.1101269	110.00	126.00	9.00	12.00
473.1151319	115.00	131.00	9.00	12.00
473.1201369	120.00	136.00	9.00	12.00
473.1251419	125.00	141.00	9.00	12.00
473.1301469	130.00	146.00	9.00	12.00
473.1351508	135.00	150.00	8.00	11.00
473.1401601	140.00	160.00	10.00	14.00
473.2002168	200.00	216.00	8.00	11.00

The figures highlighted in bold correspond to the rod diameters that are recommended by standard ISO 3320. Other intermediate sizes can be provided.