



### TECHNICAL DATA

<b>Temperature</b>	-30°C / +100°C
<b>Speed</b>	1.0 m/sec
<b>Media</b>	Mineral hydraulic oils Fire-resistant liquids Biocompatible fluids Water

### TOLERANCES

<b>Ød1</b>	f9
<b>ØD1</b>	H8
<b>L1</b>	0/+0.20

### MATERIALS

**Profiled seal**  
NBR 90 Shore A  
**Metal cage**  
Steel

### 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.

### DESCRIPTION

The GA profile is a metal cased, nitrile wiper, providing good scraping performance and long life in most conditions.

### ADVANTAGES

Economic solution  
Tight and precise fitting in the housing  
Good external wiping effect

### APPLICATIONS

Agriculture  
Mobile machinery  
Material handling - Lifting  
Hydraulic cylinders