



TECHNICAL DATA

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|-------------|--|
| Temperature | -30°C / +110°C |
| Speed | 1.0 m/sec |
| Media | Mineral hydraulic oils Water based hydraulic oils |

TOLERANCES

| | |
|-----|--|
| Ød1 | + 0.000" -0.002" (+0.00mm -0.005mm) |
| ØD1 | +0.006"-0.000" (+0.15mm -0.00mm) |
| ØD2 | +0.005" -0.000" (+0.12mm -0.00mm) |
| L1 | +0.004" -0.000" (+0.10mm -0.00mm) |

MATERIALS

Profiled seal

U-2150 92A - Green 110°C

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 DT profile is a square shouldered, polyurethane wiper, providing very good scraping performance and long life in most conditions.

ADVANTAGES

Good external wiping effect
Excellent abrasion and wear resistance
Easy assembly by deformation
Slotted heel to eliminate pressure trapping between wiper and rod seal

APPLICATIONS

Agriculture
Mobile machinery
Material handling - Lifting
Hydraulic cylinders