

DISOGRIN Snap-In Wiper

sizes

Features

This Snap-In Wiper is a proven performer in preventing dirt and contaminants from entering the hydraulic system, and the low compression set of the material provides effective wiping force, stroke after stroke. The specially designed wiper lip provides hard wiping action.

- easy installation
- effective over a wide range of temperatures and fluids
- excellent extrusion resistance
- high modulus of elasticity
- for light to medium duty applications

Applications



- agricultural equipment
- tailgate lifts
- civil engineering
- machine tools
- hydraulic jacks
- presses
- standard hydraulic cylinders

Materials

Sealing Element	
Material:	Polyurethane 9250
Hardness:	92 Shore A

Operating Limits

The operating limits of this seal are highly dependant on the application. Combinations of pressure, temperature, fluid medium and other factors, all greatly effect the performance and longevity of the seal.

Temperature (Typ.)	-54°C/149°C / -65°F to 300°F
Speed	1.5 ft/s / 0.5 m/s

Installation

For complete Installation Instructions, [click here](#).

Design Reference

Surface Finish

For more information on surface finish and conditions, [click here](#).

Roughness Depth	R _{max}	R _a
Sliding surface	≤ 100 μ	≤ 12 μ
Bottom of groove	≤ 252 μ	≤ 64 μ
Sides of groove	≤ 600 μ	≤ 120 μ

Tolerances

Dimension	Range	Tolerance
d	<3"	+0.000 -0.003
	≥3" and < 7"	+0.000 -0.004
	≥7" and < 10"	+0.000 -0.005
	≥10" and < 15"	+0.000 -0.006
D	<1.5"	+0.005 -0.000
	≥1.5" and < 2"	+0.007 -0.000
	≥2" and < 3.25"	+0.008 -0.000
	≥3.25" and < 5"	

		+0.009
		-0.000
	≥5" and < 7"	+0.010
		-0.000
	≥7" and < 9"	+0.011
		-0.000
	≥9" and < 15"	+0.012
		-0.000
L	≤1"	+0.015
		-0.000