



DESCRIPTION

Rod wiper with shoulder for pneumatic cylinders

MATERIAL

Type: Polyurethane
 Designation: SEALPUR 93
 Hardness: 93 °ShA

MAIN FEATURES

The functions of the RCG rod wiper is to prevent introduction of dust, dirt and foreign matter into the system. This is achieved by a special wiper lip which produces a very effective cleaning action, prevents the development of scores, protects the guiding parts and extends the service life of the axial moving rod seals. The material used to produce this seal is a polyurethane compound, specifically developed for the production of pneumatic seals, that ensures excellent properties on wear-resistance, extended service life and low permanent deformation.

- Simple groove design
- External flush fitting for a good housing protection
- Excellent wear-resistance
- Easy installation without expensive auxiliaries
- Extended service life

FIELD OF APPLICATION

Speed	≤ 1 m/s
Temperature	-35°C ÷ +80°C
Fluids	Air with or without lubrication, grease, mineral oils, non-aggressive gases, etc.

SURFACE ROUGHNESS

Dynamic surface	Suitable for rod seal system	
Static surface	Ra ≤ 1.6 μm	Rt ≤ 6.3 μm

LEAD-IN CHAMFERS

	d	S _{MIN}
	•less 20	3 mm
	20÷50	4 mm
	51÷150	5 mm
	•over 150	6 mm

- Any pressure loads on the back of the ring should be avoided
- Sharp edges and burrs within the installation area of the seal must be removed

Part.	d ^{f7}	D ^{H11}	M ^{±0.1}	L ^{±0.15}	A ^{+0.1}
RCG 12	12	18	16	2.5	1
RCG 14	14	22	20	4	1
RCG 22	22	30	28	4	1