

DESCRIPTION

Rod wiper with metal cage for open groove assembly

MATERIAL OF WIPER

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

MATERIAL OF METAL CAGE

Type: Not alloyed steel

MAIN FEATURES

The function of the SAF/GM wiper ring 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.

A flush fitting with the outside diameter of the metal cage prevents moisture from entering the groove.

The material used to produce the wiper element is a polyurethane compound that ensures excellent properties in case of dry run, an increased wear-resistance and an extended service life due to good resistance against ozone and radiation caused by weather conditions.

- Easy construction housing
- Tight fit in the groove
- Extended service life
- Low cost solution
- Excellent wear-resistance
- Space-saving construction

FIELD OF APPLICATION

Speed	≤ 0.8 m/s
Temperature	-40°C ÷ +100°C
Fluids	Hydraulic oils (mineral oil based). <i>For other fluids contact our technical department</i>

SURFACE ROUGHNESS

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

LEAD-IN CHAMFERS

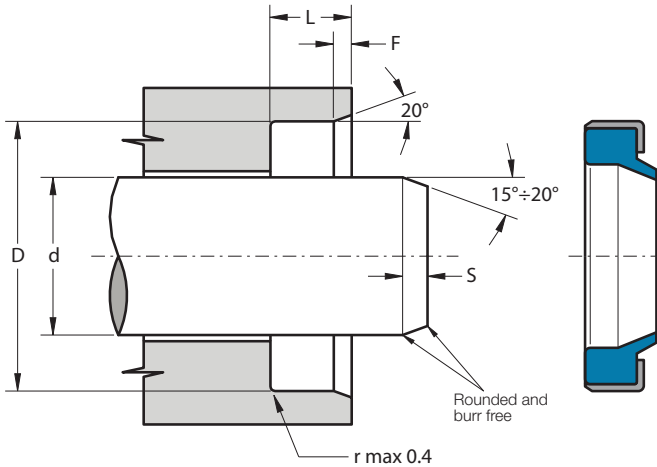
d S_{MIN}

- | | |
|------------|-------|
| • less 100 | 5 mm |
| • 100÷200 | 7 mm |
| • over 200 | 10 mm |

- Pay attention to the groove "D" diameter because, if larger, the wiper could be ejected during work
- Any pressure loads on the back of the rings should be avoided
- Sharp edges and burrs within the installation area must be removed

SAF/GM

ROD WIPER
WITH METAL CAGE



Part.	d ^{f7}	D ^{H8}	L ^{+0.2}	F
SAF 15 23 4.5 /GM	15	23	4.5	0.5
SAF 16 22 4.5/GM	16	22	4.5	0.5
SAF 16 24 4.5 /GM	16	24	4.5	0.5
SAF 16 26 5 /GM	16	26	5.0	0.5
SAF 18 26 4.5 /GM	18	26	4.5	0.5
SAF 20 30 4 /GM	20	30	4.0	0.8
SAF 20 30 6 /GM	20	30	6.0	0.8
SAF 25 35 6 /GM	25	35	6.0	0.8
SAF 28 38 6 /GM	28	38	6.0	0.8
SAF 30 40 5/GM	30	40	5.0	0.8
SAF 30 40 6 /GM	30	40	6.0	0.8
SAF 32 42 6 /GM	32	42	6.0	0.8
SAF 35 45 6 /GM	35	45	6.0	0.8
SAF 36 46 6 /GM	36	46	6.0	0.8
SAF 40 50 6 /GM	40	50	6.0	0.8
SAF 42 52 6 /GM	42	52	6.0	0.8
SAF 45 55 6 /GM	45	55	6.0	0.8
SAF 50 60 6 /GM	50	60	6.0	0.8
SAF 50 60 7/GM	50	60	7.0	0.8
SAF 55 65 5/GM	55	65	5.0	0.8
SAF 55 65 6 /GM	55	65	6.0	0.8
SAF 60 70 6 /GM	60	70	6.0	0.8
SAF 65 75 6 /GM	65	75	6.0	0.8
SAF 65 79 8/GM	65	79	8.0	0.8
SAF 70 80 7/GM	70	80	7.0	0.8

Part.	d ^{f7}	D ^{H8}	L ^{+0.2}	F
Inch sizes				
SAF 1000 1375 0187/GM	25.4	34.93	4.75	0.8