



SKF G 12X19X3

Radial shaft seal with low cross-sectional height for needle roller bearings, G design

Radial shaft seals with low cross-sectional height are intended for bearing arrangements that incorporate needle roller bearings. These contact seals are designed without garter springs. G design seals are made of rubber, with a single lip. Seals for shaft diameters ≥ 8 mm are reinforced with sheet steel. The rubber outside diameter enhances the seal around the housing bore and reduces the risk of damage to the seal and housing during installation and removal.

Technical specifications

Dimensions	
Shaft diameter	12 mm
Housing bore diameter	19 mm
Nominal seal width	3 mm
Seal width	3 mm

Application and operating conditions	
Operating temperature	-30 °C
Operating temperature	110 °C
Shaft surface speed	10 m/s
Rotational speed	15915 r/min

Performance	
Limiting speed	15915 r/min

Properties	
Auxiliary lip	No
Sealing lip material	Acrylonitrile-butadiene rubber (NBR)
Unit system	Metric

Logistics	
Product net weight	0.00094 kg
eClass code	23-05-09-03
UNSPSC code	31171512

SKF drawings

