

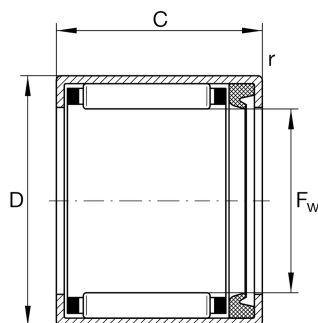
HK4518-RS

Drawn cup needle roller bearing open end

Schaeffler ID:
0002563310968

Drawn cup needle roller bearings with open ends HK..-RS, lip seal on one side, to DIN 618

Technical information



Main Dimensions & Performance Data

F_w	45 mm	Under roller diameter
D	52 mm	Outside diameter
C	18 mm	Width
C_r	21,300 N	Basic dynamic load rating, radial
C_{0r}	43,000 N	Basic static load rating, radial
C_{ur}	5,800 N	Fatigue load limit, radial
n_G	3,550 1/min	Limiting speed
$n_{G \text{ Grease}}$	3,550 1/min	Limiting speed for grease lubrication
	44.875 g	Weight

Dimensions

C_1	18 mm	Width, outer ring
r_{\min}	0.8 mm	Minimum chamfer dimension
	LR40X45X20,5	Suitable inner rings LR
	IR40X45X20-XL	Suitable inner rings IR

Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	100 °C	Operating temperature max.