14.07.2023, 17:50:34 IST SCHAEFFLER



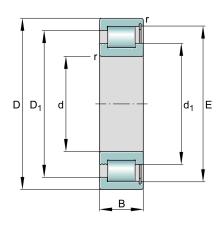
SL181852-E-C3

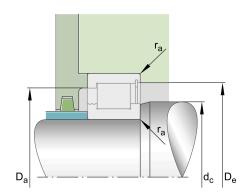
Cylindrical roller bearing

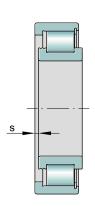
Schaeffler ID: 0153818540030

Cylindrical roller bearing SL1818..-E, full complement roller set, single row, semilocating bearing, 1 rib on outer ring, 2 ribs on inner ring, type SL18

Technical information







Main Dimensions & Performance Data

d	[260] mm	Bore diameter
D	[320] mm	Outside diameter
В	[28] mm	Width
C _r	[275.000] N	Basic dynamic load rating, radial
C _{0r}	[530.000] N	Basic static load rating, radial
C ur	[58.000] N	Fatigue load limit, radial
n _G	[1.080] 1/min	Limiting speed
n _{9r}	[790] 1/min	Reference speed
	[4,462] kg	\${Weight}

Mounting dimensions

d _{a min}	[281] mm	Minimum diameter shaft shoulder
d _{c min}	[281] mm	Minimum shaft shoulder
D _{a max}	[301,5] mm	Maximum diameter of housing shoulder
D _{e min}	[308] mm	Minimum diameter of housing shoulder
r _{a max}	[2] mm	Maximum recess radius

Dimensions

r _{min}	[2] mm	Minimum chamfer dimension
S	[2] mm	Axial displacement
d ₁	[281] mm	Maximum rib diameter inner ring
D _{1 min}	[301,5] mm	Minimum rib diameter outer ring
E	[308] mm	Raceway diameter outer ring

Temperature range

T _{min}	[-30] °C	Operating temperature min.
T _{max}	[120] °C	Operating temperature max.

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.