

Cylindrical roller bearings SL183005-XL

(Series SL1830)

semi-locating bearing, full complement cylindrical roller set, dimension series 30

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system (https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp) or by telephone on +49 (91 32) 82 - 28 97.

d	25 mm
D	47 mm
B	16 mm
D ₁	38,5 mm
d ₁	34,6 mm
D _{a max}	38,5 mm
d _{c min}	34,5 mm
D _{e min}	42,5 mm
E	42,5 mm
r _{a max}	0,6 mm
r _{min}	0,6 mm

s	1,5 mm	Axial displacement
m	0,12 kg	Mass
C_r	35000 N	Basic dynamic load rating, radial
C_{0r}	32000 N	Basic static load rating, radial
C_{ur}	5600 N	Fatigue limit load, radial
n_G	9500 1/min	Limiting speed
$n_{\theta r}$	6000 1/min	Reference speed



