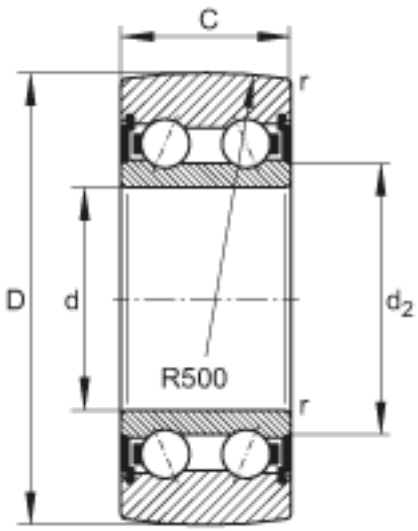
SCHAEFFLER

Track rollers LR5303-2HRS-TVH-XL (Series LR53)

double row, sealed on both sides

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	17	mm	
D	52	mm	
C	22,2	mm	
d_2	27,1	mm	
R	500	mm	Crowning radius
r_{min}	1	mm	
m	0,21	kg	Mass
$C_{r\ w}$	19100	N	Effective dynamic load rating as track roller (radial)
$C_{0r\ w}$	13700	N	Effective static load rating as track roller (radial)
$F_{r\ per}$	11400	N	Permissible dynamic radial load

$C_{ur\ w}$	690 N	Fatigue limit load
$n_{D\ G}$	5700 1/min	Speed (with continuous operation and grease lubrication)