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Track rollers LR5203-2HRS-TVH-XL (Series LR52)



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 47 mm C 17,5 mm d2 24,4 mm R 500 mm Crowning radius rmin 0,6 mm m 0,17 kg Mass Cr w 13700 N Effective dynamic load rating as track roller (radial) Cor w 10100 N Effective static load rating as track roller (radial) Fr per 10100 N Permissible dynamic radial load			
C 17,5 mm d2 24,4 mm R 500 mm Crowning radius rmin 0,6 mm m 0,17 kg Mass Cr w 13700 N Effective dynamic load rating as track roller (radial) Cor w 10100 N Effective static load rating as track roller (radial)	d	17 mm	
d2 24,4 mm R 500 mm Crowning radius rmin 0,6 mm m 0,17 kg Mass Cr w 13700 N Effective dynamic load rating as track roller (radial) Cor w 10100 N Effective static load rating as track roller (radial)	D	47 mm	
R 500 mm Crowning radius m 0,17 kg Mass Cr w 13700 N Effective dynamic load rating as track roller (radial) Cor w 10100 N Effective static load rating as track roller (radial)	С	17,5 mm	
R 500 mm Crowning radius m 0,17 kg Mass Cr w 13700 N Effective dynamic load rating as track roller (radial) Cor w 10100 N Effective static load rating as track roller (radial)			
m 0,17 kg Mass Crw 13700 N Effective dynamic load rating as track roller (radial) Corw 10100 N Effective static load rating as track roller (radial)	d2	24,4 mm	
m 0,17 kg Mass Cr w 13700 N Effective dynamic load rating as track roller (radial) Cor w 10100 N Effective static load rating as track roller (radial)	R	500 mm	Crowning radius
Cr w 13700 N Effective dynamic load rating as track roller (radial) Cor w 10100 N Effective static load rating as track roller (radial)	rmin	0,6 mm	
Cr w 13700 N Effective dynamic load rating as track roller (radial) Cor w 10100 N Effective static load rating as track roller (radial)			
C _{0r w} 10100 N Effective static load rating as track roller (radial)	m	0,17 kg	Mass
	Cr w	13700 N	Effective dynamic load rating as track roller (radial)
Fr per 10100 N Permissible dynamic radial load	C0r w	10100 N	Effective static load rating as track roller (radial)
	Fr per	10100 N	Permissible dynamic radial load

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Cur w	510 N	Fatigue limit load
n D G	6300 1/min	Speed (with continuous operation and grease lubrication)

