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Track rollers LR5305-2HRS-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 25 mm D 72 mm C 25,4 mm d2 37,6 mm R 500 mm Crowning radius rmin 1,1 mm m 0,5 kg Mass Cr w 28000 N Effective dynamic load rating as track roller (radial) Cor w 22500 N Effective static load rating as track roller (radial) Fr per 22500 N Permissible dynamic radial load			
C 25,4 mm d2 37,6 mm R 500 mm Crowning radius rmin 1,1 mm m 0,5 kg Mass Cr w 28000 N Effective dynamic load rating as track roller (radial) Cor w 22500 N Effective static load rating as track roller (radial)	d	25 mm	
d2 37,6 mm R 500 mm Crowning radius rmin 1,1 mm m 0,5 kg Mass Cr w 28000 N Effective dynamic load rating as track roller (radial) Cor w 22500 N Effective static load rating as track roller (radial)	D	72 mm	
R 500 mm Crowning radius Tmin 1,1 mm m 0,5 kg Mass Cr w 28000 N Effective dynamic load rating as track roller (radial) Cor w 22500 N Effective static load rating as track roller (radial)	С	25,4 mm	
R 500 mm Crowning radius Tmin 1,1 mm m 0,5 kg Mass Cr w 28000 N Effective dynamic load rating as track roller (radial) Cor w 22500 N Effective static load rating as track roller (radial)			
m 0,5 kg Mass Crw 28000 N Effective dynamic load rating as track roller (radial) Corw 22500 N Effective static load rating as track roller (radial)	d2	37,6 mm	
m 0,5 kg Mass Cr w 28000 N Effective dynamic load rating as track roller (radial) Cor w 22500 N Effective static load rating as track roller (radial)	R	500 mm	Crowning radius
Cr w 28000 N Effective dynamic load rating as track roller (radial) Cor w 22500 N Effective static load rating as track roller (radial)	rmin	1,1 mm	
Cr w 28000 N Effective dynamic load rating as track roller (radial) Cor w 22500 N Effective static load rating as track roller (radial)			
C _{0rw} 22500 N Effective static load rating as track roller (radial)	m	0,5 kg	Mass
	Cr w	28000 N	Effective dynamic load rating as track roller (radial)
Fr per 22500 N Permissible dynamic radial load	C0r w	22500 N	Effective static load rating as track roller (radial)
	Fr per	22500 N	Permissible dynamic radial load

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Cur w	1140 N	Fatigue limit load
n D G	4100 1/min	Speed (with continuous operation and grease lubrication)

