

Crossed roller bearings XSU140544 (Series XSU14)

standard series 14, without gear teeth, lip seals 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.

di	474 mm	Centring lengths (see dimension drawing) Tolerance: +IT7
Da	614 mm	Centring lengths (see dimension drawing) Tolerance: -IT7
da	543 mm	Tolerance: 0/-0,5
Di	545 mm	Tolerance: +0,5/0
H	56 mm	
La	590 mm	
Li	498 mm	
na	32	Number of fixing holes in outer ring
ni	32	Number of fixing holes in inner ring

m	38 kg	Mass
$F_{r\ per}$	132200 N	Maximum permissible radial load against friction lock
C_a	234000 N	Basic dynamic load rating, axial
C_{0a}	690000 N	Basic static load rating, axial
C_r	166000 N	Basic dynamic load rating, radial
C_{0r}	340000 N	Basic static load rating, radial
VSP_{min}	0,01	Bearing clearance: preload
VSP_{max}	0,03	Bearing clearance: preload
A	0,04 mm	Running accuracies (in relation to raceway)
B	0,04 mm	Running accuracies (in relation to raceway)
C	0,07 mm	Running accuracies (in relation to raceway)
D	0,06 mm	Running accuracies (in relation to raceway)
	4	Taper type lubrication nipples, DIN 71412-A M8x1, spaced uniformly on circumference and recessed

