

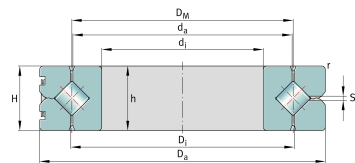


SX011818-A-VSP

Crossed roller bearing

Crossed roller bearingsdimension series 18 to
DIN 616

Informacje techniczne



Twoja aktualna wersja produktu

Preload	VSP	Bearing preload Standard
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Main Dimensions & Performance Data

d ₁	90 mm	Bore Diameter
	0,004 mm	Bore diameter upper tolerance
	-0,018 mm	Bore diameter lower tolerance
D _a	115 mm	Outside Diameter
	0 mm	Outside diameter upper tolerance
	-0,022 mm	Outside diameter lower tolerance
H	13 mm	Height of the assembled bearing
h _i	13 mm	Height inner ring
	0,06 mm	Width upper tolerance
	-0,06 mm	Width lower tolerance
≈m	364 g	Masa



Dimensions

D _i	102,5 mm	Inner diameter outer ring
D _M	102 mm	Rolling element pitch circle diameter
d _a	101,5 mm	Outer diameter inner ring
h	13 mm	Height of individual ring
	0 mm	Height of individual ring upper tolerance
	-0,01 mm	Height of individual ring lower tolerance
r _{min}	1 mm	Chamfer dimension
S	1,2 mm	Diameter of lubrication hole

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	80 °C	Operating temperature max.

Calculation factors

	0,01 mm	Running accuracy, radial
	0,01 mm	Running accuracy, axial
VSP _{min}	0,003 mm	Minimum bearing preload
VSP _{max}	0,015 mm	Maximum bearing preload
C _a	26.500 N	Basic dynamic load rating, axial
C _{0a}	87.000 N	Basic static load rating, axial
C _r	18.900 N	Basic dynamic load rating, radial (for radial load only)
C _{0r}	43.000 N	Basic static load rating, radial (for radial load only)
N _{G oil}	750 1/min	Limiting speed for oil lubrication with preload
N _{G Grease}	375 1/min	Limiting speed for grease lubrication with preload
	61818	Dimensions identical to ISO dimension series 18



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Mala przestrzeń zabudowy