

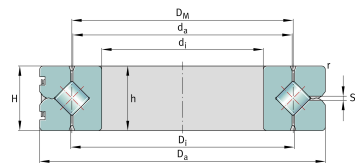


SX011868-VSP

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	340 mm	Bore Diameter
	0,007 mm	Bore diameter upper tolerance
	-0,029 mm	Bore diameter lower tolerance
D _a	420 mm	Outside Diameter
	0 mm	Outside diameter upper tolerance
	-0,04 mm	Outside diameter lower tolerance
H	38 mm	Height of the assembled bearing
h _i	38 mm	Height inner ring
	0,14 mm	Width upper tolerance
	-0,14 mm	Width lower tolerance
≈m	12,92 kg	Masa



Dimensions

D _i	380,8 mm	Inner diameter outer ring
D _M	380 mm	Rolling element pitch circle diameter
d _a	379,2 mm	Outer diameter inner ring
h	38 mm	Height of individual ring
	0 mm	Height of individual ring upper tolerance
	-0,05 mm	Height of individual ring lower tolerance
r _{min}	2,1 mm	Chamfer dimension
S	2,5 mm	Diameter of lubrication hole

Temperature range

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

Calculation factors

	0,025 mm	Running accuracy, radial
	0,01 mm	Running accuracy, axial
VSP _{min}	0,005 mm	Minimum bearing preload
VSP _{max}	0,025 mm	Maximum bearing preload
C _a	265.000 N	Basic dynamic load rating, axial
C _{0a}	1.130.000 N	Basic static load rating, axial
C _r	187.000 N	Basic dynamic load rating, radial (for radial load only)
C _{0r}	550.000 N	Basic static load rating, radial (for radial load only)
N _{G oil}	200 1/min	Limiting speed for oil lubrication with preload
N _{G Grease}	100 1/min	Limiting speed for grease lubrication with preload
	61868	Dimensions identical to ISO dimension series 18



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Momenty względem wszystkich osi



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Łożysko gabarytowe