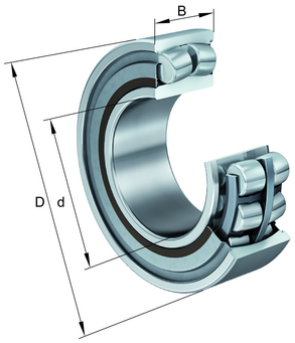


FAG

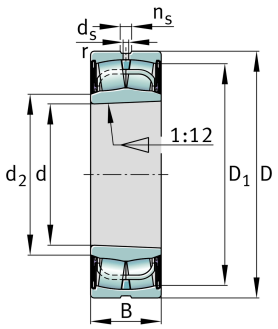
X-life

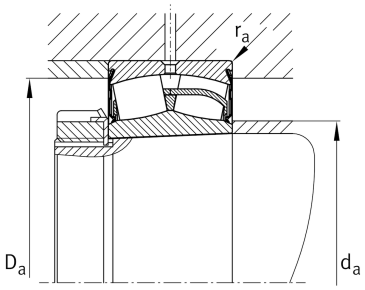
WS22213-E1-XL-K-2RSR

Spherical Roller Bearing

Spherical roller bearing WS222..-E1-XL-K-2RSR, symmetric with cage guidance ring

Informacje techniczne





Twoja aktualna wersja produktu

Design	E1	Without central rip
Bore type	K	Tapered, taper 1:12
Cage	JPA	Sheet metal cage
Radial internal clearance	CN (Group N)	Normal internal clearance
Relubrication feature	Standard	
Sealing	2RSR	Seals on both sides, normal temperature
Sealing - excess width	WS	Sealing - excess width

Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	120 mm	Outside diameter
B	38 mm	Width
C_r	202.000 N	Basic dynamic load rating, radial
C_{0r}	210.000 N	Basic static load rating, radial
C_{ur}	26.500 N	Fatigue load limit, radial
n_G	1.740 1/min	Limiting speed
≈m	1,687 kg	Masa

Mounting dimensions

$d_{a\ min}$	76,2 mm	Minimum diameter shaft shoulder
$d_{a\ max}$	76,2 mm	Maximum diameter of shaft shoulder
$D_{a\ max}$	111 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	1,5 mm	Maximum recess radius
$d_{b\ min}$	70 mm	Minimum cavity diameter of the sleeve
$B_{a\ min}$	8 mm	Minimum cavity width of the sleeve

Dimensions

r_{min}	1,5 mm	Minimum chamfer dimension
D_1	110,2 mm	Bore diameter outer ring
d_2	76,2 mm	Raceway diameter of the inner ring
d_s	3,2 mm	Diameter lubrication hole
n_s	6,5 mm	Width of lubricating groove

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	100 °C	Operating temperature max.

Calculation factors

e	0,24	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y_1	2,81	Dynamic axial load factor
Y_2	4,19	Dynamic axial load factor
Y_0	2,75	Static axial load factor

Additional information

	H2213-T-WS	Adapter sleeve
	AH2213-WS	Withdrawal sleeve

Właściwości

- Obciążenie promieniowe
- Obciążenie osiowe jednokierunkowe
- Obciążenie osiowe dwukierunkowe
- Smarowanie dożywotnie, bezobsługowe
- Smarowanie smarem
- Uszczelnienie dwustronne
- Nieosiowość statyczna
- Nieosiowość dynamiczna