

FAG

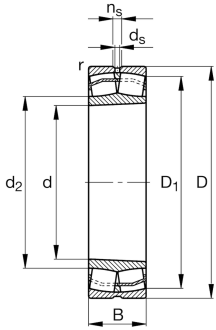
21322-E1-XL-K-TVPB-C3 [↗](#)

Spherical Roller Bearing

Spherical roller bearings 213..-E1-K, main dimensions to DIN 635-2, with tapered bore, taper 1:12

X-life

Teknik bilgiler



Mevcut ürün modeliniz

Design	E1	Without central rip
Bore type	K	Tapered, taper 1:12
Cage	TVPB	Plastic cage
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Relubrication facility	Standard	

Main Dimensions & Performance Data

d	110 mm	Bore diameter
D	240 mm	Outside diameter
B	50 mm	Width
C _r	600.000 N	Basic dynamic load rating, radial
C _{0r}	640.000 N	Basic static load rating, radial
C _{ur}	70.000 N	Fatigue load limit, radial
n _G	4.000 1/min	Limiting speed
n _{gr}	2.700 1/min	Reference speed
≈m	10,661 kg	Ağırlık



Mounting dimensions

$d_{a \min}$	124 mm	Minimum diameter shaft shoulder
$D_{a \max}$	226 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,5 mm	Maximum recess radius
$B_{a \min}$	9 mm	Minimum cavity width of the sleeve
$d_{a \max}$	146 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	118 mm	Minimum cavity diameter of the sleeve

Dimensions

r_{\min}	3 mm	Minimum chamfer dimension
D_1	202,5 mm	Bore diameter outer ring
d_2	146,4 mm	Raceway diameter of the inner ring
d_s	6,3 mm	Diameter lubrication hole
n_s	12,2 mm	Width of lubricating groove

Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.

Calculation factors









e	0,21	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	3,24	Dynamic axial load factor
Y_2	4,82	Dynamic axial load factor
Y_0	3,16	Static axial load factor

Additional information

H322	Adapter sleeve
AHX322	Withdrawal sleeve



Özellikleri

-  Radyal yük
-  Tek yönde aksel yük
-  İki yönde aksel yük
-  Gres yağlama
-  Yağ ile yağlama
-  Kontaklız
-  Statik açısal hata ve yanlış hizalama
-  Dinamik açısal hata ve yanlış hizalama