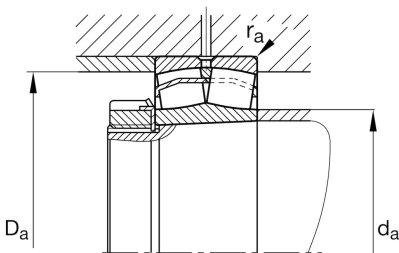
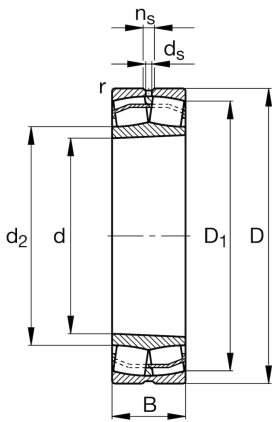
**21308-E1-XL-K-TVPB**

Spherical Roller Bearing

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

Technical information

**Main Dimensions & Performance Data**

d	40 mm	Bore diameter
D	90 mm	Outside diameter
B	23 mm	Width
C _r	109.000 N	Basic dynamic load rating, radial
C _{0r}	107.000 N	Basic static load rating, radial
C _{ur}	14.600 N	Fatigue load limit, radial
n _G	9.800 1/min	Limiting speed
n _{gr}	5.200 1/min	Reference speed
≈m	0,671 kg	Weight

Mounting dimensions

d _{a min}	49 mm	Minimum diameter shaft shoulder
D _{a max}	81 mm	Maximum diameter of housing shoulder
r _{a max}	1,5 mm	Maximum recess radius
B _{a min}	5 mm	Minimum cavity width of the sleeve
d _{a max}	59 mm	Maximum diameter of shaft shoulder
d _{b min}	44 mm	Minimum cavity diameter of the sleeve

Dimensions

r _{min}	1,5 mm	Minimum chamfer dimension
D ₁	80,8 mm	Bore diameter outer ring
d ₂	59,9 mm	Raceway diameter of the inner ring
d _s	3,2 mm	Diameter lubrication hole
n _s	4,8 mm	Width of lubricating groove

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.



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Calculation factors

e	0,23	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,95	Dynamic axial load factor
Y ₂	4,4	Dynamic axial load factor
Y ₀	2,89	Static axial load factor

Additional information

H308	Adapter sleeve
AH308	Withdrawal sleeve