

FAG

★ 23226-E1A-XL-K-M

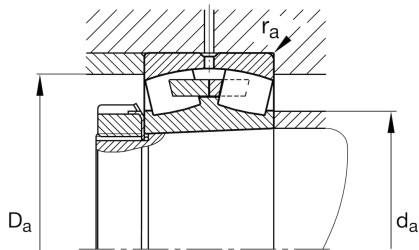
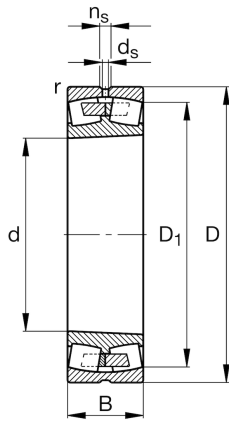
Spherical roller bearing

Schaeffler ID:
0190358530000Spherical roller bearings 232...-E1A-
K, main dimensions to DIN 635-2, with
tapered bore, taper 1:12

★ Preferred product

X-life

Technical information



Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	200 °C	Operating temperature max.
	13,57 kg	Weight

Main Dimensions & Performance Data

d	130 mm	Bore diameter
D	230 mm	Outside diameter
B	80 mm	Width
C_r	910.000 N	Basic dynamic load rating, radial
C_{0r}	1.150.000 N	Basic static load rating, radial
C_{ur}	91.000 N	Fatigue load limit, radial
n_G	2.850 1/min	Limiting speed
n_{gr}	1.740 1/min	Reference speed

Dimensions

r_{min}	3 mm	Minimum chamfer dimension
d_s	4,8 mm	Diameter lubrication hole
n_s	9,5 mm	Width of lubricating groove

Mounting dimensions

$d_{a min}$	144 mm	Minimum diameter shaft shoulder
$D_{a max}$	216 mm	Maximum diameter of housing shoulder
$r_{a max}$	2,5 mm	Maximum recess radius
$d_{a max}$	152 mm	Maximum diameter of shaft shoulder
$d_{b min}$	142 mm	Minimum cavity diameter of the sleeve
$B_{a min}$	21 mm	Minimum cavity width of the sleeve

Additional information

e	0,33	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
	H2326	Adapter sleeve
Y ₁	2,07	Dynamic axial load factor
	AHX3226G	Withdrawal sleeve
Y ₂	3,09	Dynamic axial load factor
Y ₀	2,03	Static axial load factor