

FAG

★ 23026-E1A-XL-K-M

Spherical roller bearing

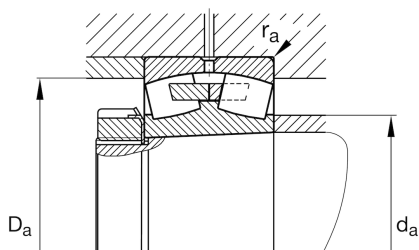
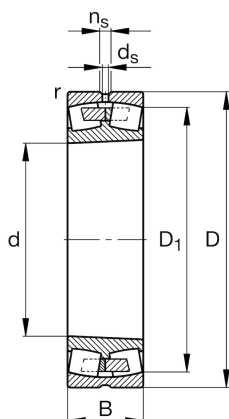
Schaeffler ID:
0190010370000

Spherical roller bearings 230...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.

5,676 kg Weight

Main Dimensions & Performance Data

d	130 mm	Bore diameter
D	200 mm	Outside diameter
B	52 mm	Width
C_r	540.000 N	Basic dynamic load rating, radial
C_{0r}	730.000 N	Basic static load rating, radial
C_{ur}	71.000 N	Fatigue load limit, radial
n_G	3.600 1/min	Limiting speed
n_{gr}	2.600 1/min	Reference speed

Dimensions

r_{min}	2 mm	Minimum chamfer dimension
D_1	182,3 mm	Bore diameter outer ring
d_s	4,8 mm	Diameter lubrication hole
n_s	9,5 mm	Width of lubricating groove

Mounting dimensions

$d_{a min}$	138,8 mm	Minimum diameter shaft shoulder
$D_{a max}$	191,2 mm	Maximum diameter of housing shoulder
$r_{a max}$	2 mm	Maximum recess radius
$d_{a max}$	146 mm	Maximum diameter of shaft shoulder
$d_{b min}$	137 mm	Minimum cavity diameter of the sleeve
$B_{a min}$	8 mm	Minimum cavity width of the sleeve

Additional information

e	0,23	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
	H3026	Adapter sleeve
Y ₁	2,95	Dynamic axial load factor
	AHX3026	Withdrawal sleeve
Y ₂	4,4	Dynamic axial load factor
Y ₀	2,89	Static axial load factor