

## ★ 22213-E1-XL-K

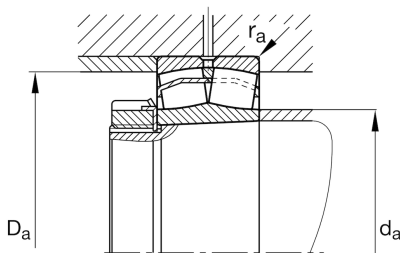
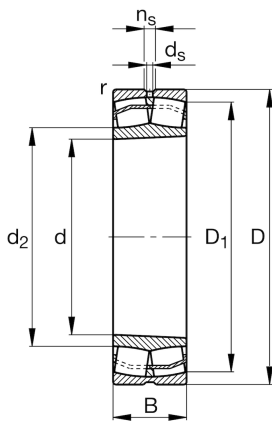
Spherical roller bearing

Schaeffler ID:  
0167037740000

★ Preferred product

Spherical roller bearings 222...-E1-K, main dimensions to DIN 635-2, with tapered bore, taper 1:12

## Technical information



## Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	200 °C	Operating temperature max.
	1,476 kg	Weight

## Main Dimensions &amp; Performance Data

d	65 mm	Bore diameter
D	120 mm	Outside diameter
B	31 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
$n_G$	7.000 1/min	Limiting speed
$n_{gr}$	4.200 1/min	Reference speed

## Dimensions

$r_{min}$	1,5 mm	Minimum chamfer dimension
$D_1$	107,3 mm	Bore diameter outer ring
$d_2$	79,1 mm	Raceway diameter of the inner ring
$d_s$	3,2 mm	Diameter lubrication hole
$n_s$	6,5 mm	Width of lubricating groove

## Mounting dimensions

$d_{a min}$	74 mm	Minimum diameter shaft shoulder
$d_{a max}$	79 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

**Additional information**

e	0,24	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
	H313	Adapter sleeve
Y <sub>1</sub>	2,81	Dynamic axial load factor
	AH313G	Withdrawal sleeve
Y <sub>2</sub>	4,19	Dynamic axial load factor
Y <sub>0</sub>	2,75	Static axial load factor