



FAG

**24064-BEA-XL-K30-MB1**

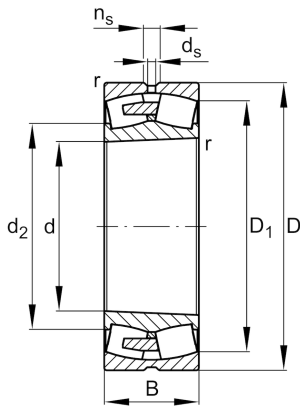
Spherical roller bearing

Schaeffler ID:  
0709189450000

Spherical roller bearings 240..-BEA-K30, main dimensions to DIN 635-2, with tapered bore, taper 1:30

X-life

## Technical information



## Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	200 °C	Operating temperature max.
	99,54 kg	Weight

## Main Dimensions &amp; Performance Data

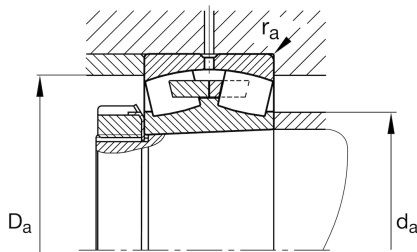
d	320 mm	Bore diameter
D	480 mm	Outside diameter
B	160 mm	Width
$C_r$	2.950.000 N	Basic dynamic load rating, radial
$C_{0r}$	5.200.000 N	Basic static load rating, radial
$C_{ur}$	465.000 N	Fatigue load limit, radial
$n_G$	1.200 1/min	Limiting speed
$n_{gr}$	670 1/min	Reference speed

## Dimensions

$r_{min}$	4 mm	Minimum chamfer dimension
$D_1$	422,3 mm	Bore diameter outer ring
$d_s$	8 mm	Diameter lubrication hole
$n_s$	15 mm	Width of lubricating groove

## Mounting dimensions

$d_{a min}$	334,6 mm	Minimum diameter shaft shoulder
$D_{a max}$	465,4 mm	Maximum diameter of housing shoulder
$r_{a max}$	3 mm	Maximum recess radius



**Additional information**

e	0,3	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y <sub>1</sub>	2,23	Dynamic axial load factor
	AH24064-H	Withdrawal sleeve
Y <sub>2</sub>	3,32	Dynamic axial load factor
Y <sub>0</sub>	2,18	Static axial load factor