

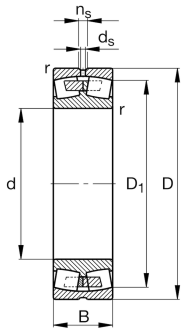
**FAG****22232-E1A-XL-K-2RSR-M**

Spherical Roller Bearing

Spherical Roller Bearing 222...-E1A-XL-K-2RSR-M, symmetrical 2 outer ribs, sealed

**X-life**

## Technical information

**Your current product variant**

Design	E1A	Without central rip
Bore type	K	Tapered, taper 1:12
Cage	M	Brass Cage
Relubrication facility	Standard	
Special material	Standard	

**Main Dimensions & Performance Data**

d	160 mm	Bore diameter
D	290 mm	Outside diameter
B	80 mm	Width
$C_r$	1.080.000 N	Basic dynamic load rating, radial
$C_{0r}$	1.300.000 N	Basic static load rating, radial
$C_{ur}$	128.000 N	Fatigue load limit, radial
$n_G$	700 1/min	Limiting speed
$m$	22 kg	Weight



### Mounting dimensions

$d_{a \min}$	174 mm	Minimum diameter shaft shoulder
$D_{a \max}$	276 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,5 mm	Maximum recess radius
$d_{a \max}$	190 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	170 mm	Minimum cavity diameter of the sleeve
$B_{a \min}$	14 mm	Minimum cavity width of the sleeve

### Dimensions

$r_{\min}$	3 mm	Minimum chamfer dimension
$D_1$	258,3 mm	Bore diameter outer ring
$d_s$	8 mm	Diameter lubrication hole
$n_s$	15 mm	Width of lubricating groove

### Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	100 °C	Operating temperature max.

### Calculation factors

$e$	0,24	Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y
$Y_1$	2,79	Dynamic axial load factor
$Y_2$	4,15	Dynamic axial load factor
$Y_0$	2,73	Static axial load factor

### Additional information

H3132	Adapter sleeve
AH3132A	Withdrawal sleeve



### Characteristics

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-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides
-  Static angular error and misalignment
-  Dynamic angular error and misalignment