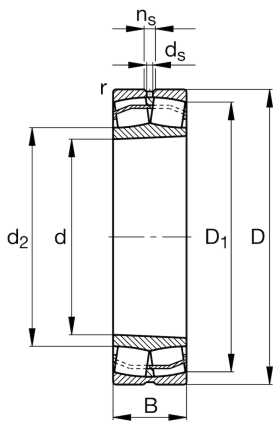


## Technical information



### Main Dimensions & Performance Data

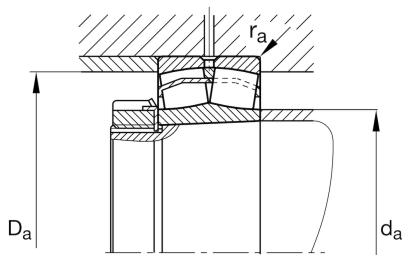
d	60 mm	Bore diameter
D	130 mm	Outside diameter
B	46 mm	Width
$C_r$	310,000 N	Basic dynamic load rating, radial
$C_{0r}$	310,000 N	Basic static load rating, radial
$C_{ur}$	29,000 N	Fatigue load limit, radial
$n_G$	5,400 1/min	Limiting speed
$n_{gr}$	4,200 1/min	Reference speed
	2.7 kg	Weight

### Dimensions

$r_{min}$	2.1 mm	Minimum chamfer dimension
$D_1$	110.1 mm	Bore diameter outer ring
$d_2$	74.8 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

$d_{a min}$	72 mm	Minimum diameter shaft shoulder
$d_{a max}$	74 mm	Maximum diameter of shaft shoulder
$D_{a max}$	118 mm	Maximum diameter of housing shoulder
$r_{a max}$	2.1 mm	Maximum recess radius
$d_{b min}$	66 mm	Minimum cavity diameter of the sleeve
$B_{a min}$	5 mm	Minimum cavity width of the sleeve



### Additional information

e	0.35	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
	H2312	Adapter sleeve
Y <sub>1</sub>	1.91	Dynamic axial load factor
	AHX2312	Withdrawal sleeve
Y <sub>2</sub>	2.85	Dynamic axial load factor
Y <sub>0</sub>	1.87	Static axial load factor

### Temperature range

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	200 °C	Operating temperature max.