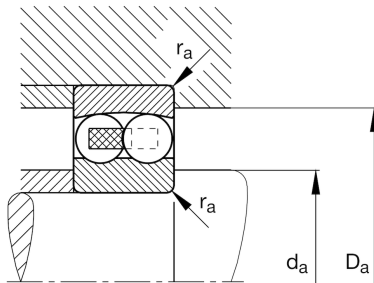
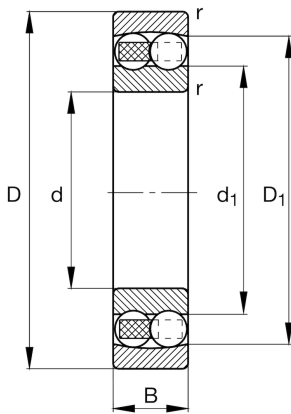
**FAG****1315-M-C3**

Self-aligning ball bearing

Self-aligning ball bearing 13.-M, solid brass cage

## Technical information

**Main Dimensions & Performance Data**

d	75 mm	Bore diameter
D	160 mm	Outside diameter
B	37 mm	Width
$C_r$	80.000 N	Basic dynamic load rating, radial
$C_{0r}$	30.000 N	Basic static load rating, radial
$C_{ur}$	1.740 N	Fatigue load limit, radial
$n_G$	6.700 1/min	Limiting speed
$n_{gr}$	4.750 1/min	Reference speed
$\approx m$	3,56 kg	Weight

**Mounting dimensions**

$d_{a \min}$	87 mm	Minimum diameter shaft shoulder
$D_{a \max}$	148 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,1 mm	Maximum fillet radius

**Dimensions**

$r_{\min}$	2,1 mm	Minimum chamfer dimension
$D_1$	134,8 mm	Shoulder diameter outer ring
$d_1$	104,8 mm	Shoulder diameter inner ring

**Temperature range**

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.

**Calculation factors**

e	0,23	Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y
$Y_1$	2,78	Dynamic axial load factor
$Y_2$	4,3	Dynamic axial load factor
$Y_0$	2,91	Static axial load factor