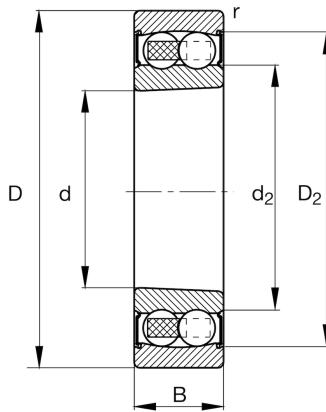
**FAG****2213-K-2RS-TVH-C3**

Self-aligning ball bearing

Self-aligning ball bearing 22...-K-2RS-TVH, tapered bore taper 1:12, seals, plastic cage

## Technical information

**Main Dimensions & Performance Data**

d	65 mm	Bore diameter
D	120 mm	Outside diameter
B	31 mm	Width
$C_r$	31.000 N	Basic dynamic load rating, radial
$C_{0r}$	12.500 N	Basic static load rating, radial
$C_{ur}$	790 N	Fatigue load limit, radial
$n_G$	3.400 1/min	Limiting speed
$\approx m$	1,43 kg	Weight

**Mounting dimensions**

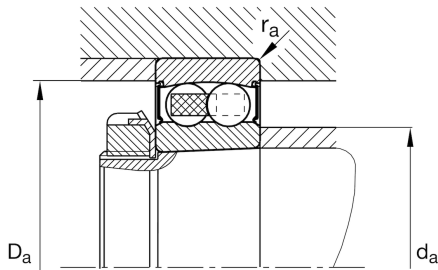
$d_{a \min}$	74 mm	Minimum diameter shaft shoulder
$d_{a \max}$	83 mm	Maximum diameter shaft shoulder
$D_{a \max}$	111 mm	Maximum diameter of housing shoulder
$d_{b \min}$	70 mm	Minimum cavity diameter of the sleeve
$B_{a \min}$	8 mm	Minimum cavity width of the sleeve
$r_{a \max}$	1,5 mm	Maximum fillet radius

**Dimensions**

$r_{\min}$	1,5 mm	Minimum chamfer dimension
$D_1$	102,726 mm	Shoulder diameter outer ring
$D_2$	107,76 mm	Caliber diameter outer ring
$d_1$	85,2 mm	Shoulder diameter inner ring
$d_2$	78 mm	Caliber diameter inner ring

**Temperature range**

$T_{\min}$	-20 °C	Operating temperature min.
$T_{\max}$	100 °C	Operating temperature max.





View product details on medias

22.04.2024, 16:22:48 CEST

SCHAEFFLER

### Calculation factors

e	0,18	Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y
$Y_1$	3,58	Dynamic axial load factor
$Y_2$	5,53	Dynamic axial load factor
$Y_0$	3,75	Static axial load factor

### Additional information

H313	Adapter sleeve
------	----------------

