

FAG

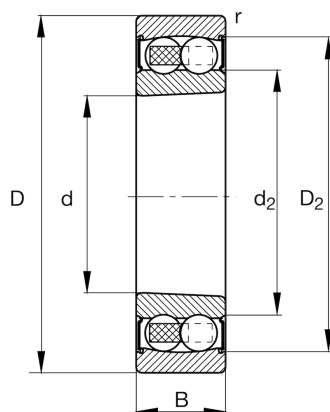
★ 2213-K-2RS-TVH-C3

Self-aligning ball bearing

Schaeffler ID:
0389046240030Self-aligning ball bearing 22..-K-2RS-TVH,
tapered bore taper 1:12, seals, plastic
cage

★ Preferred product

Technical information



Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	100 °C	Operating temperature max.
	1,43 kg	Weight

Main Dimensions & Performance Data

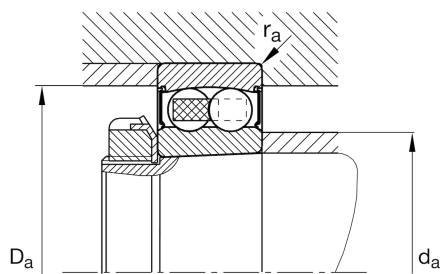
d	65 mm	Bore diameter
D	120 mm	Outside diameter
B	31 mm	Width
r_{\min}	1,5 mm	Minimum chamfer dimension
C_r	31.000 N	Basic dynamic load rating, radial
C_{0r}	12.500 N	Basic static load rating, radial
C_{ur}	790 N	Fatigue load limit, radial
n_G	3.150 1/min	Limiting speed

Dimensions

D_2	107,8 mm	Caliber diameter outer ring
d_2	78 mm	Caliber diameter inner ring

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
$B_{a \min}$	5 mm	Minimum cavity width of the sleeve
$r_{a \max}$	1,5 mm	Maximum fillet radius



Calculation factors

e	0,18	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
	H313	Adapter sleeve
Y ₁	3,58	Dynamic axial load factor
Y ₂	5,53	Dynamic axial load factor
Y ₀	3,75	Static axial load factor