

FAG

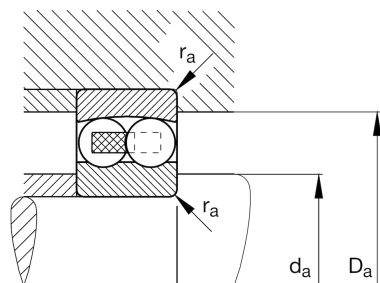
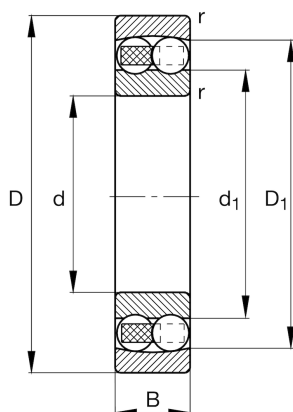
★ 1215-TVH

Self-aligning ball bearing

Schaeffler ID:
0167004650000Self-aligning ball bearing 12..-TVH, plastic
cage

★ Preferred product

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.
	1,42 kg	Weight

Main Dimensions & Performance Data

d	75 mm	Bore diameter
D	130 mm	Outside diameter
B	25 mm	Width
r_{\min}	1,5 mm	Minimum chamfer dimension
C_r	39.000 N	Basic dynamic load rating, radial
C_{0r}	15.700 N	Basic static load rating, radial
C_{ur}	980 N	Fatigue load limit, radial
n_G	5.700 1/min	Limiting speed
n_{gr}	5.500 1/min	Reference speed

Dimensions

D_1	113,6 mm	Shoulder diameter outer ring
d_1	93,7 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a \min}$	84 mm	Minimum diameter shaft shoulder
$D_{a \max}$	121 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1,5 mm	Maximum fillet radius

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