



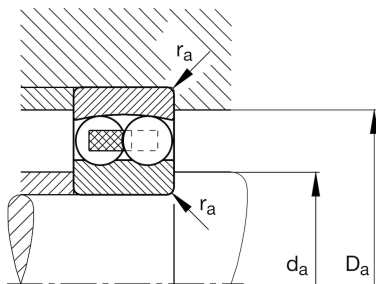
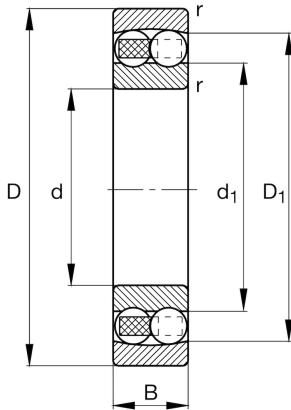
FAG

2305-TVH

Self-aligning ball bearing

Materiálové číslo Schaeffler:
0167070520000Self-aligning ball bearing 23...TVH, plastic
cage

Technické informace

**Main Dimensions & Performance Data**

d	[25] mm	Bore diameter
D	[62] mm	Outside diameter
B	[24] mm	Width
C_r	[25.000] N	Basic dynamic load rating, radial
C_{0r}	[6.600] N	Basic static load rating, radial
C_{ur}	[420] N	Fatigue load limit, radial
n_G	[12.200] 1/min	Limiting speed
n_{gr}	[11.900] 1/min	Reference speed
	[0,334] kg	\$(Hmotnost)\$

Mounting dimensions

$d_{a\ min}$	[32] mm	Minimum diameter shaft shoulder
$D_{a\ max}$	[55] mm	Maximum diameter of housing shoulder
$r_{a\ max}$	[1] mm	Maximum fillet radius

Dimensions

$r_{\ min}$	[1,1] mm	Minimum chamfer dimension
D_1	[49,9] mm	Shoulder diameter outer ring
d_1	[35,5] mm	Shoulder diameter inner ring

Temperature range

$T_{\ min}$	[-30] °C	Operating temperature min.
$T_{\ max}$	[120] °C	Operating temperature max.

Calculation factors

e	[0,48]	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	[1,32]	Dynamic axial load factor
Y_2	[2,04]	Dynamic axial load factor
Y_0	[1,38]	Static axial load factor