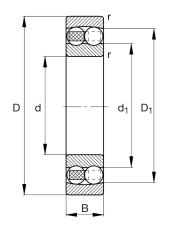
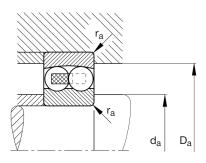


Technical information





1214-TVH

Self-aligning ball bearing

Schaeffler ID: 0167004490000

Self-aligning ball bearing 12..-TVH, plastic cage

Main Dimensions & Performance Data

d	[70] mm	Bore diameter
D	[125] mm	Outside diameter
В	[24] mm	Width
C _r	[35.000] N	Basic dynamic load rating, radial
C _{0r}	[13.800] N	Basic static load rating, radial
C _{ur}	[880] N	Fatigue load limit, radial
n _G	[6.200] 1/min	Limiting speed
n _{ər}	[5.900] 1/min	Reference speed
	[1,25] kg	\${Weight}

Mounting dimensions

J .				
d _{a min}	[79] mm	Minimum diameter shaft shoulder		
D _{a max}	[116] mm	Maximum diameter of housing shoulder		
r _{a max}	[1,5] mm	Maximum fillet radius		
Dimensions				
r _{min}	[1,5] mm	Minimum chamfer dimension		
D ₁	[106,1] mm	Shoulder diameter outer ring		
d ₁	[87,2] mm	Shoulder diameter inner ring		
Temperature range				
T _{min}	[-30] °C	Operating temperature min.		
T _{max}	[120] °C	Operating temperature max.		
Calculation fa	ctors			
е	[0,19]	Limiting value of Fa/Fr for the applicability of		
		diff. Values of factors X and Y		
Y ₁	[3,37]	Dynamic axial load factor		
Y ₂	[5,22]	Dynamic axial load factor		
Υ ₀	[3,53]	Static axial load factor		

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.