



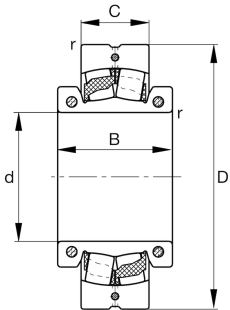
FAG

222SM125-TVPA

Spherical Roller Bearing

Spherical roller bearings 222SM, Split spherical roller bearings

Informacje techniczne



Twoja aktualna wersja produktu

Design	E1	Without central rip
Bore type	Z	Cylindrical
Cage	TVPA	Plastic cage
Radial internal clearance	CN (Group N)	Normal internal clearance
Relubrication feature	Standard	
Splitted	SM	Split bearing metric

Main Dimensions & Performance Data

d	125 mm	Bore diameter
D	250 mm	Outside diameter
C	68 mm	Width, outer ring
C _r	630.000 N	Basic dynamic load rating, radial
C _{0r}	870.000 N	Basic static load rating, radial
C _{ur}	61.000 N	Fatigue load limit, radial
n _G	1.170 1/min	Limiting speed
F _{a max}	13.800 N	Maximum axial load
≈m	18,8 kg	Masa

Mounting dimensions

M _i	35 Nm	Tightening torque clamping screw
M _a	14 Nm	Tightening torque clamping screw



Dimensions

$r_{\min}$	3 mm	Minimum chamfer dimension
d_1	125 mm	Bore diameter IR/WS
B	110 mm	Width inner ring

Temperature range

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

Calculation factors

e	0,26	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,62	Dynamic axial load factor
Y_2	3,9	Dynamic axial load factor
Y_0	2,56	Static axial load factor

Additional information

22228K	Bearing designation
H3128	Adapter sleeve
SNV250	Housing



Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia
-  Dzielone
-  Nieosiowość statyczna
-  Nieosiowość dynamiczna