

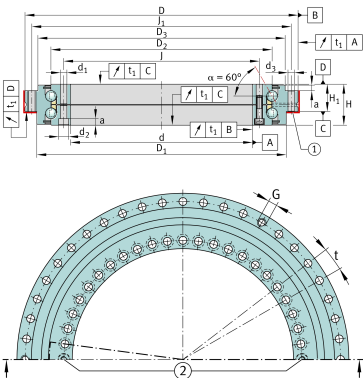


ZKLDF150

Axial angular contact ball bearing

Axial angular contact ball bearings ZKLDF, double direction, for screw mounting, sealing shields on both sides

Informacje techniczne



Twoja aktualna wersja produktu

Generation B

Main Dimensions & Performance Data

d	150 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,013 mm	Bore diameter lower tolerance
D	240 mm	Flange diameter
	0 mm	Flange diameter upper tolerance
	-0,015 mm	Flange diameter lower tolerance
H	40 mm	Height
n _G	3.600 1/min	Limiting speed
C _a	81.000 N	Basic dynamic load rating, axial
C _{0a}	380.000 N	Basic static load rating, axial
C _{ua}	12.600 N	Fatigue load limit, axial
≈m	5,5 kg	Masa



Mounting dimensions

J	165 mm	Pitch circle diameter fixing holes in inner ring
J ₁	225 mm	Pitch circle diameter fixing holes in outer ring
d ₁	7 mm	Fixing holes diameter inner ring
d ₂	11 mm	Counterbore diameter of fixing holes
a	6,2 mm	Counterbore depth of fixing holes
	34	Quantity of fixing holes inner ring
d ₃	7 mm	Fixing holes diameter outer ring
	33	Quantity of fixing holes outer ring
n	36	Pitch quantity
t	10 °	Pitch separation angle
G	M8	Threaded extraction hole
	3	Quantity of threaded extraction hole
M _A	14 Nm	Screw tightening torque
	2	Quantity of retaining screws

Dimensions

H ₁	26 mm	Height contact face outer ring
	0,175 mm	Height contact face outerring H1 upper tolerance
	-0,175 mm	Height contact face outerring H1 lower tolerance
D ₁	214 mm	Outside diameter D1
D ₂	188 mm	Rib diameter inner ring
D ₃	211 mm	Outside diameter D3
t ₁	3 µm	Axial and radial runout, measurement standard; Measured on mounted bearing, with ideal adjacent construction.

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.



Additional information

c_{aL}	1.700 N/ μ m	Axial rigidity of bearing position
c_{rL}	400 N/ μ m	Radial rigidity of bearing position
c_{kL}	7.800 Nm/mrad	Tilting rigidity of bearing position
c_{aL}	2.900 N/ μ m	Axial rigidity of rolling element set
c_{rW}	400 N/ μ m	Radial rigidity of rolling element set
c_{kW}	12.000 Nm/mrad	Tilting rigidity of rolling element set

Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Momenty względem wszystkich osi
-  Smarowanie dożywotnie, bezobsługowe
-  Smarowanie smarem
-  Uszczelnienie dwustronne