

Technical specification

# **NU 232 ECM**

SKF Explorer

# Cylindrical roller bearings, single row

Bearing data

Tolerances,

Normal (metric), P6, Normal (inch),

Radial internal clearance,

cylindrical bore, tapered bore,

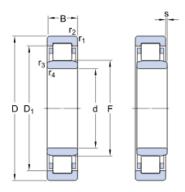
Axial internal clearance,

NUP, NJ + HJ

Bearing interfaces

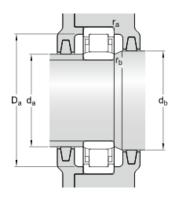
Seat tolerances for standard conditions,

Tolerances and resultant fit



### **DIMENSIONS**

d	160 mm
D	290 mm
В	48 mm
$D_1$	≈ 248.8 mm
F	195 mm
r <sub>1,2</sub>	min. 3 mm
r <sub>3,4</sub>	min. 3 mm
S	max. 2.7 mm



#### ABUTMENT DIMENSIONS

d <sub>a</sub>	min. 175 mm
d <sub>a</sub>	max. 191 mm
$d_b$	min. 198 mm
$D_a$	max. 274.2 mm
r <sub>a</sub>	max. 2.5 mm
$r_b$	max. 2.5 mm



## CALCULATION DATA

Basic dynamic load rating	С	585 kN
Basic static load rating	$C_0$	680 kN
Fatigue load limit	$P_{u}$	72 kN
Reference speed		2400 r/min
Limiting speed		2600 r/min
Calculation factor	k <sub>r</sub>	0.15
Limiting value	е	0.2
Axial load factor	Υ	0.6

### MASS

Mass bearing	14.4 kg
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## ASSOCIATED PRODUCTS

Angle ring	HJ 232 EC
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## More information

Product details	Product details	Engineering in	fornEantojomeering in		Tools
Designs and variants Bearing data Loads	Designs and variants  Bearing data  Loads	Principles of rolling bearing -selection General bearing k	Principles of rolling bearing -selection General bearing k	SimPro Quick  Bearing Select  Engineer ing Calcul	SimPro Quick Bearing Select Engineer ing Calcul
Tempera ture limits Permissi ble speed  Design c onsiderati ons Designati on system	Tempera ture limits Permissi ble speed  Design c onsiderati ons Designati on system	Bearing selection process  Bearing failure and how to prevent it	Bearing selection process Bearing failure and how to prevent it	LubeSele ct for SKF greases Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i nstructio ns	ator  LubeSele ct for SKF greases  Heater selection tool  Oil Injection Method Program Rolling bearings mounting and dism ounting instructions

5KF.



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