

241/950 ECAK30F/W33

SKF Explorer

Spherical roller bearings

Bearing data

Tolerances,

Normal, P6, P5, tapered bore 1:12, tapered bore 1:30,

Radial internal clearance,

cylindrical bore, tapered bore

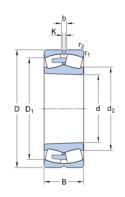
Bearing interfaces

Seat tolerances for standard

conditions,

Tolerances and resultant fit

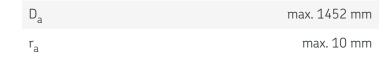
Technical specification

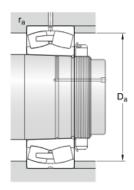


DIMENSIONS

d	950 mm
D	1500 mm
В	545 mm
d_2	≈ 1102 mm
D_1	≈ 1305 mm
b	22.3 mm
K	12 mm
r _{1,2}	min. 12 mm
Tapered bore, taper 1:30	

ABUTMENT DIMENSIONS







CALCULATION DATA

Basic dynamic load rating	С	27892 kN
Basic static load rating	C_0	55000 kN
Fatigue load limit	P_{u}	3000 kN
Reference speed		110 r/min
Limiting speed		160 r/min
Calculation factor	е	0.35
Calculation factor	Y_1	1.9
Calculation factor	Y_2	2.9
Calculation factor	Y_0	1.8

MASS

Mass bearing	3580 kg
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More information

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





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