

Toyana HK1014 cylindrical roller bearings

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Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	102
EAN	7316576656484
Product Group	B04311
bore diameter:	260 mm
maximum rpm:	1400 RPM
outside diameter:	440 mm
operating temperature range:	Maximum of +390 °F
overall width:	144 mm
cage material:	Brass
bore type:	Tapered 1:12
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole

outer ring width:	144 mm
dynamic load capacity:	2550 kN
fillet radius:	3 mm
static load capacity:	3900 kN
series:	231
d	260 mm
D	440 mm
B	144 mm
d2 ≈	314 mm
D1 ≈	380 mm
b	16.7 mm
K	9 mm
r _{1,2} min.	4 mm
da min.	269 mm
Da max.	423 mm
ra max.	3 mm
Basic dynamic load rating C	2568 kN
Basic static load rating C ₀	3750 kN
Fatigue load limit P _u	280 kN
Reference speed	1100 r/min
Limiting speed	1400 r/min
Calculation factor e	0.31
Calculation factor Y ₁	2.2
Calculation factor Y ₂	3.3
Calculation factor Y ₀	2.2
Mass bearing	88 kg