

# 13948 SKF 240x320x60mm d1 ≈ 268.5 mm Self aligning ball bearings

Bearing number	13948
Size (mm)	240x320x60
Brand	SKF
Bore Diameter (mm)	240
Outer Diameter (mm)	320
Width (mm)	60
d	240 mm
D	320 mm
B	60 mm
C	60 mm
b	8.3 mm
d2	269 mm
r1 min.	2.1 mm
r2 min.	2.1 mm
D1	298 mm
K	4.5 mm
da min.	251 mm
Da max.	309 mm
ra max.	2 mm
Weight	11.3 Kg
Basic dynamic load rating (C)	60.5 kN
Basic static load rating (C0)	32 kN
Fatigue load limit (Pu)	0.98
Reference speed	3800 r/min

Limiting speed	2200 r/min
Calculation factor (e)	0.16
Calculation factor (kr)	0.015
Calculation factor (Y0)	4
Calculation factor (Y1)	3.9
Category	Self Aligning Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	11.55
EAN	7316571591346
Product Group – BDI	B00152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
Cage Material	Steel
Precision Class	ABEC 1   ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 3 Deg
Long Description	240MM Bore; Shaft Mount; 320MM Outside Diameter; 60MM Inner Race Width; 60MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1   ISO P0; C0-Medium
Inch – Metric	Metric
Category – BDI	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68

Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	13948
Weight / LBS	25.448
Bore	9.449 Inch   240 Millimeter
Inner Race Width	2.362 Inch   60 Millimeter
Outside Diameter	12.598 Inch   320 Millimeter
Outer Race Width	2.362 Inch   60 Millimeter
$d_1 \approx$	268.5 mm
$D_1 \approx$	297.6 mm
$r_{1,2} \text{ min.}$	2.1 mm
$d_a \text{ min.}$	251 mm
$D_a \text{ max.}$	309 mm
$r_a \text{ max.}$	2 mm
Basic dynamic load rating C	60.5 kN
Basic static load rating $C_0$	32 kN
Fatigue load limit $P_u$	0.98 kN
Permissible angular misalignment $\alpha$	3 °
Calculation factor $k_r$	0.015
Calculation factor e	0.16
Calculation factor $Y_0$	4
Calculation factor $Y_1$	3.9
Calculation factor $Y_2$	6.1
Mass bearing	11.3 kg