

KOYO 47TS413227 tapered roller bearings

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Size (mm)	190x290x120
Bore Diameter (mm)	190
Outer Diameter (mm)	290
Width (mm)	120
d	190 mm
D	290 mm
H	120 mm
d1	248.3 mm
2C	60 mm
r1,2 – min.	2.1 mm
r3,4 – min.	1 mm
da – min.	224 mm
Da – min.	272.6 mm
Da – max.	274 mm
ra – max.	2 mm
rb – max.	1 mm
Basic dynamic load rating – C	203 kN
Basic static load rating – C0	735 kN
Fatigue load limit – Pu	22.8 kN
Limiting speed for grease lubrication	2000 r/min

Limiting speed for oil lubrication	2600 mm/min
Preload	1385 N
Static Axial rigidity	1361 N/micron
Gref	122.1 cm
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	7316574732852
Product Group	B04270
Enclosure	Open
Precision Class	ABEC 5 ISO P5
Material – Ball	Steel
Number of Bearings	1 (Single)
Contact Angle	60 Degree
Raceway Style	Not Applicable
Cage Material	Brass
Rolling Element	Ball Bearing
Flush Ground	No
Inch – Metric	Metric
Other Features	Double Row Angular Contact Thrust Bearing Double Direction
Long Description	190MM Bore; 290MM Outside Diameter; 120MM Width; Open Enclosure; ABEC 5 ISO P5 Precision; Steel Ba
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28

Noun	Bearing
Keyword 3	Thrust
Keyword String	Ball Angular Contact Thrust
Weight / LBS	52.91088
Width	4.724 Inch 120 Millimeter
Bore	7.48 Inch 190 Millimeter
Outside Diameter	11.417 Inch 290 Millimeter
r1,2 min.	2.1 mm
r3,4 min.	1 mm
da min.	224 mm
Da min.	272.6 mm
Da max.	274 mm
ra max.	2 mm
rb max.	1 mm
Basic dynamic load rating C	203 kN
Basic static load rating C0	735 kN
Fatigue load limit Pu	22.8 kN
Attainable speed for grease lubrication	2000 r/min
Attainable speed for oil-air lubrication	2600 r/min
Static axial stiffness	1361 N/ μ m
Reference grease quantity Gref	122.1 cm ³
Mass bearing	24.1 kg