

# 1207 KOYO 35x72x17mm

## Calculation factor (Y0) 2.84

### Self aligning ball bearings

Bearing number	1207
Size (mm)	35x72x17
Brand	KOYO
Bore Diameter (mm)	35
Outer Diameter (mm)	72
Width (mm)	17
d	35 mm
D	72 mm
B	17 mm
C	17 mm
r min.	1.1 mm
da min.	41.5 mm
Da max.	65.5 mm
ra max.	1 mm
Weight	0.323 Kg
Basic dynamic load rating (C)	15.8 kN
Basic static load rating (C0)	5.10 kN
(Grease) Lubrication Speed	8500 r/min
(Oil) Lubrication Speed	10000 r/min
Calculation factor (e)	0.23
Calculation factor (Y0)	2.84
Calculation factor (Y1)	2.71

Category	Self Aligning Ball Bearings
BDI Inventory	0.0
Manufacturer Name	KOYO
Minimum Buy Quantity	N/A
Weight / Kilogram	0.349
EAN	0605790001000
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 2.5 Deg
Long Description	35MM Bore; Shaft Mount; 72MM Outside Diameter; 17MM Inner Race Width; 17MM 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.koyousa.com">http://www.koyousa.com</a>
Manufacturer Item Number	1207
Weight / LBS	0.71209

Outside Diameter	2.835 Inch   72 Millimeter
Bore	1.378 Inch   35 Millimeter
Outer Race Width	0.669 Inch   17 Millimeter
Inner Race Width	0.669 Inch   17 Millimeter
Bearing No.	1207
r(min)	1.1
Cr	15.8
C0r	5.15
Cu	0.32
Grease lub.	8500
Oil lub.	10000
da(min)	41.5
Da(max)	65.5
ra(max)	1
e	0.23
Y1	2.71
Y2	4.20
Y0	2.84
(Refer.) Mass (kg)	0.323