

# AST AST11 3025 plain bearings

AST AST11 3025 plain bearings Engineering 75 Outer Diameter (mm) Calculator , Manufacturing 160x75x37 Size (mm) Service . Get Your 160 Bore Diameter (mm) Free.

Size (mm)	160x75x37
Bore Diameter (mm)	160
Outer Diameter (mm)	75
Width (mm)	37
d	75 mm
D	160 mm
B	37 mm
d1	104 mm
D1	135 mm
F	95 mm
r1,2 – min.	2.1 mm
r3,4 – min.	2.1 mm
s	1.8 mm
da – min.	87 mm
da – max.	92 mm
db – min.	107 mm
Da – max.	148 mm
ra – max.	2 mm
Basic dynamic load rating – C	280 kN
Basic static load rating – C0	265 kN
Fatigue load limit – Pu	33.5 kN
Reference speed	4500 r/min
Limiting speed	5300 r/min

Calculation factor – kr	0.15
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.385
EAN	7316577032638
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring – One Side
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch – Metric	Metric
Other Features	High Capacity   1 Rib Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID
Long Description	75MM Bore; Straight Bore Profile; 160MM Outside Diameter; 37MM Width; Steel Cage Material; RBEC 1
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing

Manufacturer Item Number	NJ 315 ECJ
Weight / LBS	7.456
Bore	2.953 Inch   75 Millimeter
Width	1.457 Inch   37 Millimeter
Outside Diameter	6.299 Inch   160 Millimeter
bore diameter:	75 mm
static load capacity:	265 kN
outside diameter:	160 mm
precision rating:	Not Rated
overall width:	37 mm
maximum rpm:	5300 RPM
flanges:	(2) Outer Ring, (1) Inner Ring
bearing material:	Steel
bore type:	Straight
cage material:	Steel
number of rows:	1
finish/coating:	Uncoated
internal clearance:	C0
closure type:	Open
ring separation:	Separable Ring
outer ring width:	37 mm
operating temperature range:	Maximum of +300 °F
fillet radius:	2 mm
dynamic load capacity:	280 kN
series:	NJ3
d1 ≈	104 mm
D1 ≈	135 mm
r1,2 min.	2.1 mm
r3,4 min.	2.1 mm

s max.	1.8 mm
da min.	87 mm
da max.	92 mm
db min.	107 mm
Da max.	148 mm
ra max.	2 mm
Basic dynamic load rating C	280 kN
Basic static load rating C0	265 kN
Fatigue load limit Pu	33.5 kN
Calculation factor kr	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	3.32 kg
Angle ring	HJ 315 EC