



Bearing No. 6856

B	33 mm
C	33 mm
d	280 mm
D	350 mm
f0	16.1
Bore	11.024 Inch 280 Millimeter
Noun	Bearing
Mass	7.4 kg
Da max	341 mm
r min.	2 mm
ra max	2 mm
db min	289 mm
Weight	7,4 Kg
da min	289 mm
UNSPSC	31171504
rs min	2 mm
ra max.	2 mm
Da max.	341 mm
Category	Single Row Ball Bearing
Size (mm)	280x350x33
Snap Ring	No
Enclosure	Open
Inventory	0.0
bore type:	Round
Nlim (oil)	1,900 rpm
Width (mm)	33
Weight / LBS	15.675
Product Group	B00308
Nlim (grease)	1,600 rpm

Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	280 mm
Other Features	Deep Groove
overall width:	33 mm
cage material:	Brass
fillet radius:	2 mm
Bearing number	6856
Dynamic load, C	137 kN
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Static load, C0	177 kN
Outer Race Width	1.299 Inch 33 Millimeter
Long Description	280MM Bore; 350MM Outside Diameter; 33MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Outside Diameter	13.78 Inch 350 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Inner Race Width	0 Inch 0 Millimeter
bearing material:	High Carbon Chrome Steel
inner ring width:	33 mm
outside diameter:	350 mm

precision rating:	Class 0
Weight / Kilogram	7.11
Manufacturer Name	NTN
outer ring width:	33 mm
Internal Clearance	C0-Medium
maximum rpm (oil):	1900 rpm
Bore Diameter (mm)	280
Outer Diameter (mm)	350
snap ring included:	Without Snap Ring
internal clearance:	CN
Minimum Buy Quantity	N/A
maximum rpm (grease):	1600 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	177000 N
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	137000 N
Fatigue limit load, Cu	4.55 kN
(Oil) Lubrication Speed	1 900 r/min
Manufacturer Item Number	6856
Internal Special Features	No
(Grease) Lubrication Speed	1 600 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic dynamic load rating (C)	137 kN
Basic static load rating (C0)	177 kN
Min operating temperature, Tmin	-40 °C

Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.47 Hz
Characteristic outer ring frequency, BPF0	11.18 Hz
Characteristic inner ring frequency, BRFI	12.82 Hz
Characteristic rolling element frequency, BSF	14.63 Hz