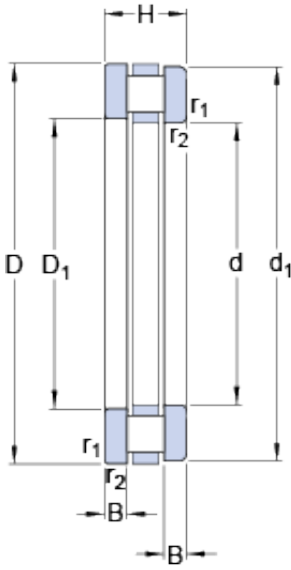




# BROWNING BEARING COMPANY



25 mm x 42 mm x 3 mm skf 81105 tn bearing

Bearing No. 81105 tn

81105 tn Bearing 2D drawings and 3D CAD models

Size	42x25x11 mm
Bore Diameter	42 mm
Outer Diameter	25 mm
Width	11 mm
d	25 mm
D	42 mm
H	11 mm
d <sub>1</sub>	42 mm
D <sub>1</sub>	26 mm
B	3 mm
r <sub>1,2</sub> - min.	0.6 mm
d <sub>a</sub> - min.	41 mm
D <sub>a</sub> - max.	26 mm
r <sub>a</sub> - max.	0.6 mm
Basic dynamic load rating - C	25 kN
Basic static load rating - C <sub>0</sub>	69.5 kN
Fatigue load limit - P <sub>u</sub>	6.8 kN
Reference speed	3200 r/min
Limiting speed	6300 r/min
Mass bearing	0.053 kg
Category	Thrust Roller Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.05



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EAN	7316570980950
Product Group	B04144
Rolling Element	Cylindrical Roller Bearing
Self Aligning	No
Component Description	Roller Assembly plus Raceways
Thrust Bearing	Yes
Single or Double Direction	Single Direction
Banded	No
Cage Material	Polyamide
Precision Class	ABEC 1   ISO P0
Other Features	Single Row   Injection Molded Cage
Long Description	25MM Bore 1; 26MM Bore 2; 42MM Outside Diameter; 11MM Height; Cylindrical Roller Bearing; Single Direction; Not Self Aligning; Not Banded; Polyamide Cage; ABEC 1   ISO P0; Roller Assembly plus Raceway
Inch - Metric	Metric
Category	Thrust Roller Bearings
UNSPSC	31171507
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Keyword 3	Cylindrical
Keyword String	Thrust Roller Cylindrical
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	81105 TN
Weight / LBS	0.117
Outside Diameter	1.654 Inch   42 Millimeter
Bore 1	0.984 Inch   25 Millimeter
Bore 2	1.024 Inch   26 Millimeter



## BROWNING BEARING COMPANY

Overall Height with Aligning Washer	0 Inch   0 Millimeter
Height	0.433 Inch   11 Millimeter
bore diameter:	25 mm
maximum rpm:	6300 rpm
outside diameter:	42 mm
fillet radius:	0.6 mm
overall width:	11 mm
compatible washers:	LS2542, GS81105, WS81105
thrust bearing type:	Roller & Cage Assembly with Washers
housing washer inside diameter:	26 mm
operating temperature range:	Max 250 ° F
washer width:	3 mm
bearing material:	Steel
series:	811
static load capacity:	69.5 kN
manufacturer product page:	<a href="#">Click here</a>
cage material:	Polyamide 66
manufacturer upc number:	7316570980950
dynamic load capacity:	25 kN
$d_1$	42 mm
$D_1$	26 mm
$r_{1,2}$ min.	0.6 mm
$d_a$ min.	41 mm
$D_a$ max.	26 mm
$r_a$ max.	0.6 mm
Basic dynamic load rating C	25 kN
Basic static load rating $C_0$	69.5 kN
Fatigue load limit $P_u$	6.8 kN
Minimum axial load factor A	0.000386



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