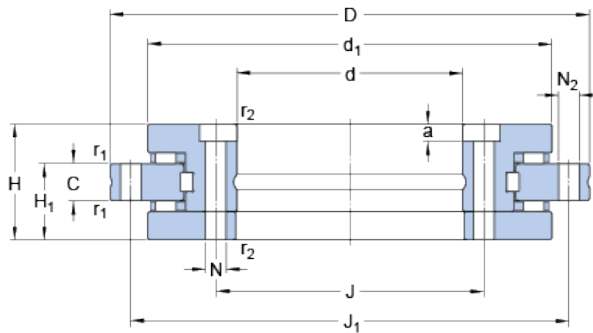




# DEC Bearing Industrial Limited



## SKF NRT 325 B thrust roller bearings

Bearing No. NRT 325 B

NRT 325 B Bearing 2D drawings and 3D CAD models

Size	325x450x60 mm
Bore Diameter	325 mm
Outer Diameter	450 mm
Width	60 mm
d	325 mm
D	450 mm
H	60 mm
d <sub>1</sub>	415 mm
C	20 mm
H <sub>1</sub>	40 mm
J	342 mm
J <sub>1</sub>	430 mm
H	9.3 mm
N <sub>1</sub>	15 mm
N <sub>2</sub>	9.3 mm
a	8.2 mm
r <sub>1</sub> - min.	0.6 mm
r <sub>2</sub> - min.	0.6 mm
Basic dynamic load rating, radial direction - C	134 kN
Basic static load rating, radial direction - C <sub>0</sub>	450 kN
Basic dynamic load rating, axial direction - C	153 kN
Basic static load rating, axial direction - C <sub>0</sub>	1660 kN



## DEC Bearing Industrial Limited

Limiting speed for grease lubrication	110 r/min
Limiting speed for oil lubrication	220 mm/min
Axial Preload	12 N
Axial unloading force	26 kN
Frictional moment - $C_{RL}$	45 N · m
axial stiffness	28.6 N/micron
radial stiffness	8.9 N/micron
Moment stiffness	427000 kN · m/mrad
Mass bearing	25 kg
Guideline diameter	700 mm
Size - G	M12
Number of bolts	3
Angle between bolts	120 °
Size bolts	M8
Pitch - $\alpha$ ;	10 °
Number of bolts	33
Number of bolts omitted at removal thread position	3, 120 ° apart
Size bolts	M8
Pitch - $\alpha$ ;	10 °
Number of bolts	34
Number of bolts omitted at retaining bolts position	2, 180 ° apart
Tightening torque	34 N · m
Size	M8
$d_1$	415 mm
$H_1$	40 mm
$J_1$	430 mm
N	9.3 mm
$N_1$	15 mm
$N_2$	9.3 mm



## DEC Bearing Industrial Limited

$r_1$ min.	0.6 mm
$r_2$ min.	0.6 mm
Basic dynamic load rating - radial direction C	134 kN
Basic static load rating - radial direction $C_0$	450 kN
Basic dynamic load rating - axial direction C	153 kN
Basic static load rating - axial direction $C_0$	1660 kN
Attainable speed for grease lubrication	110 r/min
Attainable speed for oil-air lubrication	220 r/min
Axial preload	12 kN
Frictional moment $C_{RL}$	45 N · m
Axial stiffness	28.6 kN/ $\mu$ m
Radial stiffness	8.9 kN/ $\mu$ m
Guideline rotary table diameter	700 mm
Size G	M12
Number of threads	3
Angle between threads	120 °
Bolt size	M8
Pitch	10 °
Tightening torque (Bolt grade 10.9)	34 N · m
Bolt size	M8
Pitch	10 °