



## NTN Bearing Rolamentos do Brasil Ltda.



### NTN K89318 Thrust cylindrical roller bearing cages

Bearing No. K89318

K89318 Bearing 2D drawings and 3D CAD models

Bore Diameter	90,000 mm
Outer Diameter	155,000 mm
d	90,000 mm
D	155,000 mm
Dw	12,000 mm
Dc1	90 mm
Dc	155 mm
Lw	12 mm
Bearing ring (inner ring) WS	WS89318
Bearing ring (outer ring) GS	GS89318
Ea	149.2 mm
Eb	100.8 mm
Cage assembly mass	0.62 kg
Ca	289 kN
C0a	1,160 kN
Nlim (grease)	480 rpm
Nlim (oil)	1,900 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	10.42 Hz
Characteristic outer ring	10 Hz



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	10 Hz