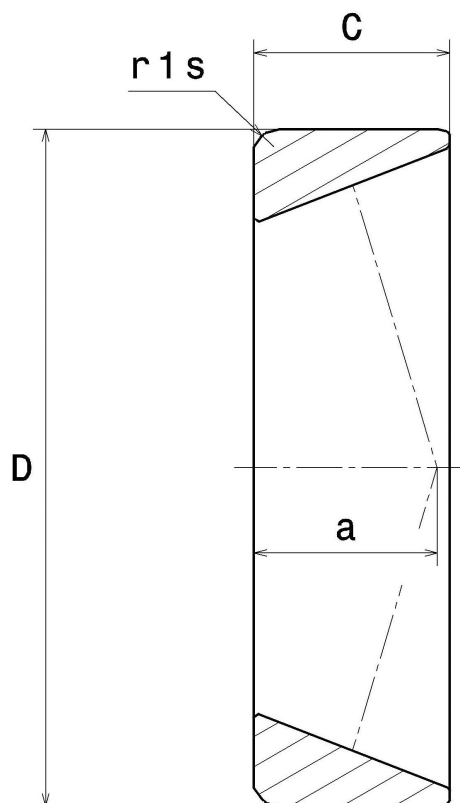


PDF technical sheet 4T13830



Single row tapered roller bearings cup

Product definition	
D	2.5000 "
C	0.3750 "
Brand	NTN



Product performance

Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C



Abutment dimensions

r1a max	0.0315 "
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Calculation factors

Equivalent dynamic radial load

$$P = X \cdot Fr + Y \cdot Fa$$

$Fa / Fr \leq e$		$Fa / Fr > e$	
X	Y	X	Y
1	0	0.4	Y2

Equivalent static radial load

$$Po = Xo \cdot Fr + Yo \cdot Fa$$

Xo	Yo
0.5	Y0

If $Po < Fr$, then use $Po = Fr$

The values for e, Y2 and Y0 are shown in the above table