

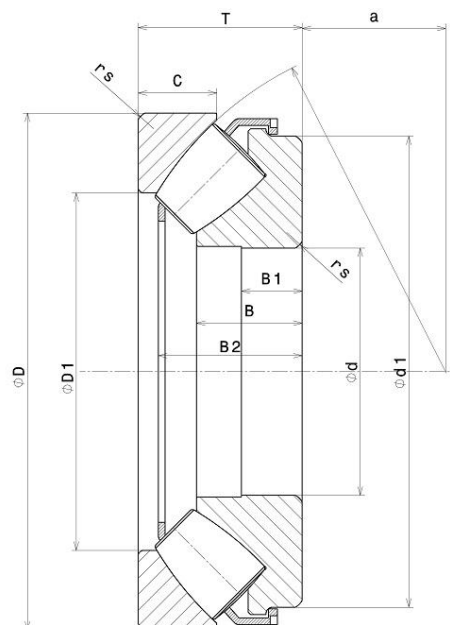
Technical data

29426E

Thrust spherical roller bearings



VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
d - Internal diameter of shaft washer	130 mm
D - Housing washer outer diameter	270 mm
D1 - Inner diameter housing washer	188 mm
d1 - External diameter shaft washer	245,4 mm
T - Thrust bearing height	85 mm
C - Housing washer width	41 mm
B - Shaft washer width	54 mm
B2 - Distance large face of shaft washer / metal cage	74 mm
a - Charge load application point	81 mm
Cage material	Tôle
Mass	21,6 kg

PRODUCT PERFORMANCE

Ca - Dynamic axial load rating	1390000000 mN
C0a - Static axial load rating	4310000000 mN
Cua - Limit axial load rating	4270000000 mN
N lim - Oil lubrication limit speed	7200 °/s
N ref - Reference thermal speed	8400 °/s
N lim - Mechanical Limit Speed	14400 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	473,15 °K

BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	7.1 Hz
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BEARING FREQUENCIES

BPFI - Over rolling frequency on inner (60 rpm)	8.9 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	5.386 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.693 Hz
FTF - Rotational frequency - cage (60 rpm)	0.444 Hz

ABUTMENT

ras max - Max shaft & housing fillet radius	3 mm
rs - Min fillet radius	4 mm
Da max - Max shoulder diameter OR	227 mm
da min - Min shoulder diameter IR	195 mm
db1 - Maximum diameter of the shaft washer shoulder	142,5 mm
db2 - Max spacer diameter	153 mm

