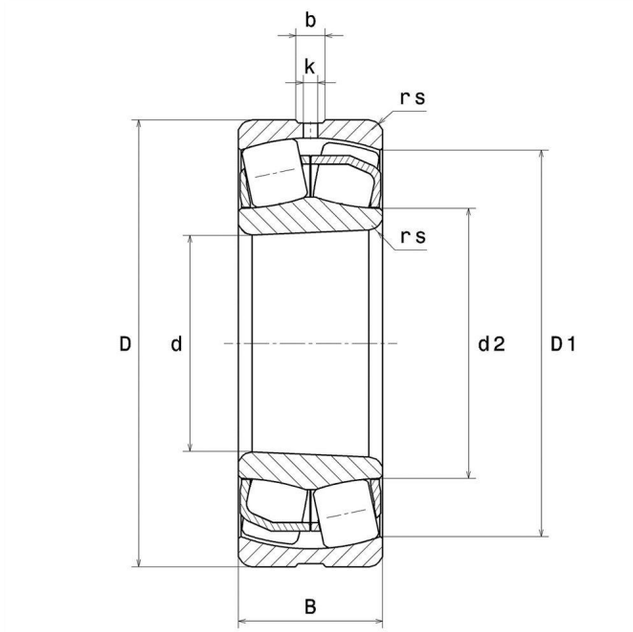
Technical data

23126EAKW33C3

Spherical roller bearings

ULTAGE

VISUAL (S)



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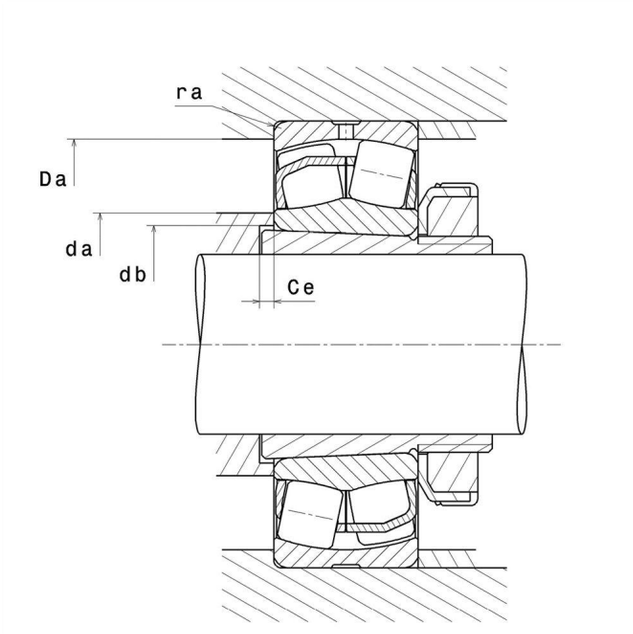

PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	130 mm
D - External diameter	210 mm
B - Bearing/Inner ring width	64 mm
d2 - External diameter inner ring	148,5 mm
D1 - Inner diameter outer ring	188,3 mm
rs - Min fillet radius	2 mm
Number of lubrication holes	3
b - Groove width	10,04 mm
k - Hole diameter	4,5 mm
Associated sleeve reference	H3126
Radial clearance class	C3
Mass	8,3 kg

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PRODUCT PERFORMANCE	
C - Dynamic load	710000000 mN
C0 - Static load	906000000 mN
Cu - Fatigue limit load	93700000 mN
e - Coefficient	0.27
Y0 - Static axial load coefficient	2.46
Y1 - Lower axial load coefficient	2.51
Y2 - Upper axial load coefficient	3.74
N ref - Reference thermal speed	14400 °/s
N lim - Mechanical Limit Speed	18000 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	473,15 °K

ABUTMENT	
da min - Min shoulder diameter IR	141 mm
db - Min diameter for Sleeve	138 mm
Ce - Min length fro Sleeve	8 mm
Da max - Max shoulder diameter OR	199 mm
ra max - Max shaft & housing fillet radius	2 mm

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$P = X.Fr + Y.Fa$

Fa / Fr ≤ e		Fa / Fr > e	
X	Y	X	Y
1	Y1	0.67	Y2

Equivalent static radial load

$Po = Xo.Fr + Yo.Fa$

X_0	Y_0
1	Y0

The values for e, Y1, Y2 and Y0 are shown in the above table .