Technical data

22326EAD1

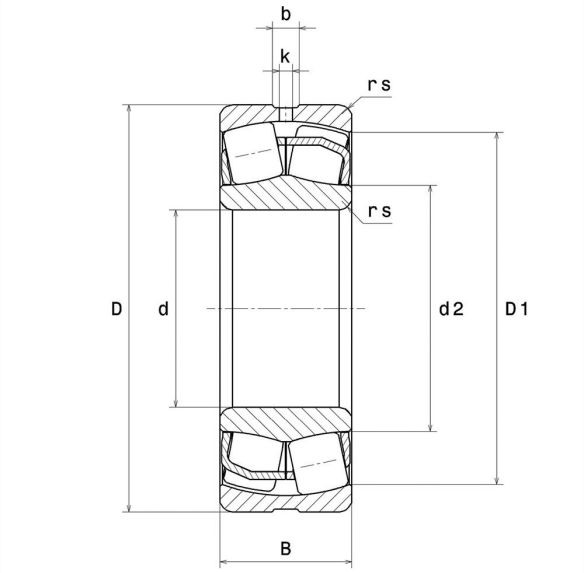
Double row spherical roller bearings

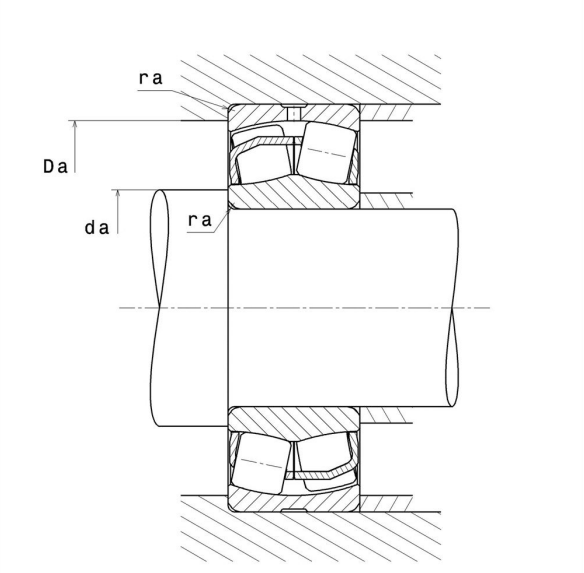
Spherical roller bearing, pressed steel cage, groove and lubrication holes on outer ring

ULTAGE



Visual(s)





Product definition

d	130 mm
D	280 mm
B	93 mm
d2	164 mm
D1	243 mm
rs min	4 mm
Number of lubrication holes	4
b	19 mm
k	9 mm
e	0.33
Y1	2.06
Y2	3.06
Y0	2.01
Radial clearance class	CN
Brand	NTN

Product performance

Dynamic load, C	1,330 kN
Static load, C0	1,400 kN
Nlim (oil)	2,000 Tr/min
Nlim (grease)	1,600 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	200 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.96 Hz
Characteristic outer ring frequency, BPF0	6.08 Hz
Characteristic inner ring frequency, BPFI	8.92 Hz

Abutment dimensions

da min	147 mm
Da max	263 mm
ra max	4 mm

Calculation factors

Equivalent dynamic radial load

$P = X.Fr + Y.Fa$

$Fa/Fr \leq e$		$Fa/Fr > e$	
X	Y	X	Y
1	Y1	0.67	Y2

Equivalent static radial load

$P_0 = X_0.Fr + Y_0.Fa$

X_0	Y_0
1	Y0

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