



NTN-SNR BEARING RULMENTI S.R.L.

500 mm x 830 mm x 325 mm NTN
241/500BL1K30 Double row spherical roller
bearings

Bearing No. 241/500BL1K30

d	500 mm
D	830 mm
B	325 mm
d2	602 mm
D1	702.5 mm
rs min	7.5 mm
Number of lubrication holes	8
b	42 mm
k	25 mm
Associated sleeve reference	AH241/500
e	0.39
Y1	1.72
Y2	2.57
Y0	1.69
Radial clearance class	CN
Dynamic load, C	8,050 kN
Static load, C0	16,700 kN
Fatigue limit load, Cu	797 kN
Nref	210 rpm
Nlim	610 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz

241/500BL1K30 Bearing 2D drawings and 3D CAD
models



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Characteristic rolling element frequency, BSF	8.03 Hz
Characteristic outer ring frequency, BPF0	9.69 Hz
Characteristic inner ring frequency, BPF1	12.31 Hz
da min	532 mm
Da max	798 mm
ra max	6 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	0692314508053
Product Group	B04311