



# NTN Bearing Manufacturing

500 mm x 830 mm x 325 mm FAG 241/500-B-K30-MB + AH241/500-H spherical roller bearings

Bearing No. 241/500-B-K30-MB + AH241/500-H

241/500-B-K30-MB + AH241/500-H Bearing 2D drawings and 3D CAD models

Size	480x830x325 mm
Bore Diameter	480 mm
Outer Diameter	830 mm
Width	325 mm
$d_{1H}$	480 mm
D	830 mm
B	325 mm
a	25 mm
b	37 mm
$D_1$	701,8 mm
$D_{a \max}$	798 mm
d	500 mm
$d_{2G}$	Tr520X6
$d_{a \min}$	532 mm
$d_s$	12,5 mm
l	362 mm
$n_s$	23,5 mm
$r_{a \max}$	6 mm
$r_{\min}$	7,5 mm
- AH241/500-H / Designation, withdrawal sleeve	AH241/500H / Designation, withdrawal sleeve
m	738 kg / Weight
$m_1$	58,8 kg / Weight, withdrawal sleeve



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$C_r$	8650000 N / Dynamic load rating (radial)
e	0,39
$Y_1$	1,73
$Y_2$	2,58
$C_{0r}$	18300000 N / Static load rating (radial)
$Y_0$	1,69
$n_G$	590 1/min / Limiting speed
$n_B$	200 1/min / Reference speed
$C_{ur}$	1340000 N / Fatigue limit load, radial