

# 241/800-B-K30-MB FAG nB 97 1/min / Reference speed 800x1280x475mm Spherical roller bearings

Bearing number	241/800-B-K30-MB
Size (mm)	800x1280x475
Brand	FAG
Bore Diameter (mm)	800
Outer Diameter (mm)	1280
Width (mm)	475
d	800 mm
D	1280 mm
B	475 mm
D <sub>1</sub>	1099.5 mm
D <sub>a max</sub>	1240 mm
d <sub>a min</sub>	840 mm
d <sub>s</sub>	12.5 mm
n <sub>s</sub>	23.5 mm
r <sub>a max</sub>	8 mm
r <sub>min</sub>	9.5 mm
m	2530 kg / Weight
C <sub>r</sub>	18700000 N / Dynamic load rating (radial)
e	0.36
Y <sub>1</sub>	1.86
Y <sub>2</sub>	2.77

$C_{0r}$	43500000 N / Static load rating (radial)
$Y_0$	1.82
$n_G$	345 1/min / Limiting speed
$n_B$	97 1/min / Reference speed
$C_{ur}$	2430000 N