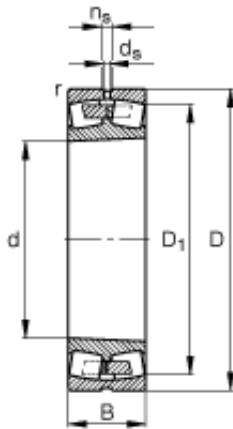




# NTN Machinery Manufacturing Co., Ltd



190 mm x 320 mm x 104 mm FAG 23138-E1A-K-M spherical roller bearings

Bearing No. 23138-E1A-K-M

23138-E1A-K-M Bearing 2D drawings and 3D CAD models

Size	190x320x104 mm
Bore Diameter	190 mm
Outer Diameter	320 mm
Width	104 mm
d	190 mm
D	320 mm
B	104 mm
$D_1$	281,6 mm
$D_{a \max}$	306 mm
$d_{a \min}$	204 mm
$d_s$	8 mm
$n_s$	15 mm
$r_{a \max}$	2,5 mm
$r_{\min}$	3 mm
m	32,4 kg / Weight
$C_r$	1610000 N / Dynamic load rating (radial)
e	0,3
$Y_1$	2,28
$Y_2$	3,39
$C_{0r}$	2220000 N / Static load rating (radial)
$Y_0$	2,23
$n_G$	2070 1/min / Limiting speed



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$n_B$	1280 1/min / Reference speed
$C_{ur}$	218000 N