

# 24156-E1-K30 FAG m 114 kg / Weight 280x460x180mm Spherical roller bearings

Bearing number	24156-E1-K30
Size (mm)	280x460x180
Brand	FAG
Bore Diameter (mm)	280
Outer Diameter (mm)	460
Width (mm)	180
d	280 mm
D	460 mm
B	180 mm
$D_1$	392.4 mm
$D_{a \max}$	440 mm
$d_2$	312.8 mm
$d_{a \min}$	300 mm
$d_s$	8 mm
$n_s$	15 mm
$r_{a \max}$	4 mm
$r_{\min}$	5 mm
m	114 kg / Weight
$C_r$	3300000 N / Dynamic load rating (radial)
e	0.38
$Y_1$	1.76
$Y_2$	2.62

$C_{0r}$	5200000 N / Static load rating (radial)
$Y_0$	1.72
$n_G$	1230 1/min / Limiting speed
$n_B$	520 1/min
$C_{ur}$	425000 N / Fatigue limit load. radial