



# BEARING MFG. CORP.



20 mm x 42 mm x 12 mm  
 RB45025UUCC0PE6E Crossed Roller Bearing  
 450x500x25mm

Bearing No. 6004

6004 Bearing 2D drawings and 3D CAD models

Size	20x42x12 mm
Bore Diameter	20 mm
Outer Diameter	42 mm
Width	12 mm
d	20 mm
D	42 mm
B	12 mm
$D_1$	35,5 mm
$D_{a \max}$	38,8 mm
$d_1$	26,6 mm
$d_{a \min}$	23,2 mm
$r_{a \max}$	0,6 mm
$r_{\min}$	0,6 mm
m	0,069 kg / Weight
$C_r$	10000 N / Dynamic load rating (radial)
$C_{0r}$	5000 N / Static load rating (radial)
$n_G$	24800 1/min / Limiting speed
$n_B$	18200 1/min / Reference speed
$C_{ur}$	255 N / Fatigue limit load, radial