



# RAD Power Machinery Co., Ltd.



## FAG K3490-3420 tapered roller bearings

Bearing No. K3490-3420

Size	38.1x79.375x29.37 mm
Bore Diameter	38,1 mm
Outer Diameter	79,375 mm
Width	29,37 mm
d	38,1 mm
D	79,375 mm
T	29,37 mm
a	20,8 mm
B	29,771 mm
C	23,813 mm
$C_{a \text{ min}}$	2 mm
$C_{b \text{ min}}$	5 mm
$D_{a \text{ min}}$	67 mm
$D_{b \text{ min}}$	74 mm
$d_1$	57,5 mm
$d_{a \text{ max}}$	45,5 mm
$d_{b \text{ min}}$	52 mm
$r_{1,2 \text{ min}}$	3,6 mm
$r_{3,4 \text{ min}}$	3,3 mm
$r_{a \text{ max}}$	3,6 mm
$r_{b \text{ max}}$	3,3 mm
m	0,66 kg / Weight
$C_r$	90000 N / Dynamic load rating (radial)
$C_{0r}$	110000 N

K3490-3420 Bearing 2D drawings and 3D CAD models



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e	0,37
Y	1,64
Y <sub>0</sub>	0,9
C <sub>ur</sub>	13500 N / Fatigue limit load, radial
n <sub>G</sub>	9400 1/min / Limiting speed