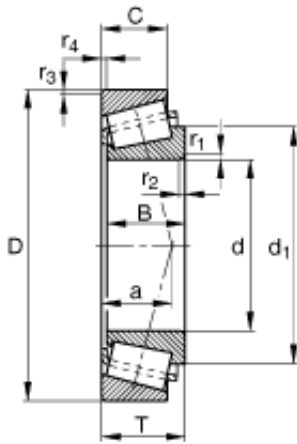




Mfpi Trader Company

FAG 33114 Tapered Roller Bearing Assemblies

Bearing No. 33114



33114 Bearing 2D drawings and 3D CAD models

Size	70x120x37 mm
Bore Diameter	70 mm
Outer Diameter	120 mm
Width	37 mm
d	70 mm
D	120 mm
T	37 mm
a	28 mm
B	37 mm
C	29 mm
$C_{a \text{ min}}$	6 mm
$C_{b \text{ min}}$	8 mm
$D_{a \text{ max}}$	111 mm
$D_{a \text{ min}}$	104 mm
$D_{b \text{ min}}$	115 mm
d_1	96 mm
$d_{a \text{ max}}$	79 mm
$d_{b \text{ min}}$	79 mm
$r_{1, 2 \text{ min}}$	2 mm
$r_{3, 4 \text{ min}}$	1,5 mm
$r_{a \text{ max}}$	2 mm
$r_{b \text{ max}}$	1,5 mm
m	1,71 kg / Weight
C_r	174000 N



Mfpi Trader Company

C_{0r}	260000 N / Static load rating (radial)
e	0,38
Y	1,58
Y_0	0,87
C_{ur}	33000 N / Fatigue limit load, radial
n_G	5700 1/min / Limiting speed
n_B	3500 1/min / Reference speed