



BEARING PRECISION AXLE CORP.



90 mm x 140 mm x 24 mm FAG HCB7018-E-T-P4S angular contact ball bearings

Bearing No. HCB7018-E-T-P4S

HCB7018-E-T-P4S Bearing 2D drawings and 3D CAD models

Size	90x140x24 mm
Bore Diameter	90 mm
Outer Diameter	140 mm
Width	24 mm
d	90 mm
D	140 mm
B	24 mm
a	39 mm
D_a	131 mm / Tolerance: H12
d_a	100 mm / Tolerance: h12
$r_{1 \text{ min}}$	1,5 mm
$r_{a \text{ max}}$	1,5 mm
$r_{a1 \text{ max}}$	0,6 mm
r_{min}	1,5 mm
	25 ° / Angle
m	0,952 kg / Weight
C_r	74000 N / Dynamic load rating (radial)
C_{0r}	34000 N / Static load rating (radial)
$n_{G \text{ Fett}}$	12000 1/min / Limiting speed for grease lubrication
$n_{G \text{ Ol}}$	19000 1/min / Limiting speed for minimal quantity oil lubrication