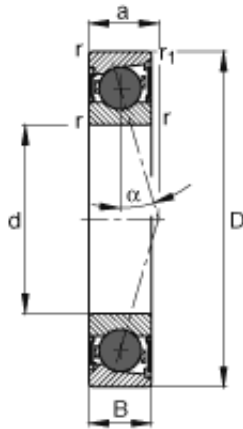




# NTN Bearing Manufacturing



12 mm x 28 mm x 8 mm FAG  
HCB7001-C-2RSD-T-P4S angular contact ball  
bearings

Bearing No. HCB7001-C-2RSD-T-P4S

HCB7001-C-2RSD-T-P4S Bearing 2D drawings and 3D  
CAD models

Size	12x28x8 mm
Bore Diameter	12 mm
Outer Diameter	28 mm
Width	8 mm
d	12 mm
D	28 mm
B	8 mm
a	7 mm
$D_a$	24,5 mm / Tolerance: H12
$d_a$	16,5 mm / Tolerance: h12
$r_{1 \text{ min}}$	0,3 mm
$r_{a \text{ max}}$	0,3 mm
$r_{a1 \text{ max}}$	0,1 mm
$r_{\text{min}}$	0,3 mm
	15 ° / Angle
m	0,021 kg / Weight
$C_r$	4650 N / Dynamic load rating (radial)
$C_{0r}$	1280 N / Static load rating (radial)
$n_{G \text{ Fett}}$	85000 1/min / Limiting speed for grease lubrication