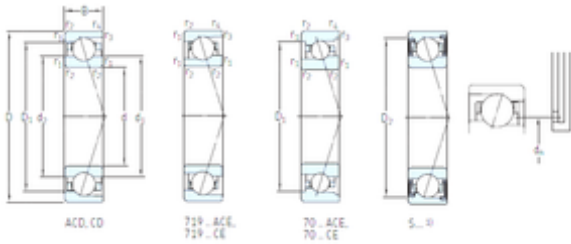


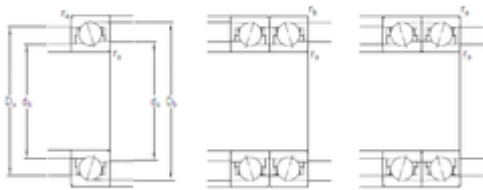


Guangzhou Wangli Auto Parts Co., Ltd.



12 mm x 28 mm x 8 mm SKF S7001 CD/P4A angular contact ball bearings

Bearing No. S7001 CD/P4A



S7001 CD/P4A 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
C	8 mm
d1	17,1 mm
d2	17,1 mm
r1 min.	0,3 mm
r2 min.	0,3 mm
r3 min.	0,2 mm
r4 min.	0,2 mm
D1	22,9 mm
D2	25,5 mm
da min.	14 mm
Da max.	26 mm
db min	14 mm
ra max.	0,3 mm
rb max.	0,2 mm
dh	18 mm
Db max	26,6 mm
Weight	0,021 Kg
Basic dynamic load rating (C)	4,49 kN



Guangzhou Wangli Auto Parts Co., Ltd.

Basic static load rating (C0)	1,9 kN
(Grease) Lubrication Speed	67 000 r/min
(Oil) Lubrication Speed	100 000 r/min
Fatigue load limit (Pu)	0,08
d ₁	17.1 mm
d ₂	17.1 mm
D ₂	25.5 mm
r _{1,2} min.	0.3 mm
r _{3,4} min.	0.2 mm
a	6.7 mm
d _a min.	14 mm
d _a max.	16.7 mm
d _b min.	14 mm
d _b max.	16.7 mm
D _a max.	26 mm
D _b max.	26.6 mm
r _a max.	0.3 mm
r _b max.	0.2 mm
Basic dynamic load rating C	4.49 kN
Basic static load rating C ₀	1.9 kN
Fatigue load limit P _u	0.08 kN
Attainable speed for grease lubrication	67000 r/min
Ball diameter D _w	4.762 mm
Number of balls z	10
Preload class A G _A	15 N
Static axial stiffness, preload class A	14 N/ μ m
Preload class B G _B	30 N
Static axial stiffness, preload class B	18 N/ μ m
Preload class C G _C	60 N
Static axial stiffness, preload	25 N/ μ m



Guangzhou Wangli Auto Parts Co., Ltd.

class C	
Preload class D G_D	120 N
Static axial stiffness, preload class D	35 N/ μ m
Calculation factor f	1.03
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.02
Calculation factor f_{2C}	1.05
Calculation factor f_{2D}	1.09
Calculation factor f_{HC}	1
Calculation factor f_0	8.7
Mass bearing	0.021 kg