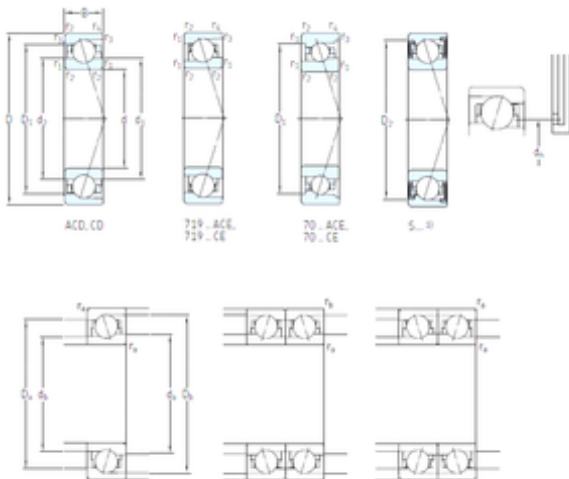




Bearing No. S7001 CD/P4A

a	6.7 mm
d	12 mm
D	28 mm
B	8 mm
C	8 mm
dh	18 mm
D2	25,5 mm
d1	17,1 mm
d2	17,1 mm
D1	22,9 mm
Db max	26,6 mm
db min	14 mm
Weight	0,021 Kg
rb max.	0,2 mm
ra max.	0,3 mm
Da max.	26 mm
r3 min.	0,2 mm
da min.	14 mm
r4 min.	0,2 mm
r2 min.	0,3 mm
r1 min.	0,3 mm
Size (mm)	12x28x8
Width (mm)	8
Mass bearing	0.021 kg
d ₁	17.1 mm
D ₂	25.5 mm
d ₂	17.1 mm
Bearing number	S7001 CD/P4A
Number of balls z	10
r _b max.	0.2 mm

Bore Diameter (mm)	12
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
Outer Diameter (mm)	28
$r_{1,2}$ min.	0.3 mm
Calculation factor f	1.03
$r_{3,4}$ min.	0.2 mm
Fatigue load limit (Pu)	0,08
(Oil) Lubrication Speed	100 000 r/min
(Grease) Lubrication Speed	67 000 r/min
Basic dynamic load rating C	4.49 kN
Ball diameter D_w	4.762 mm
Basic dynamic load rating (C)	4,49 kN
Basic static load rating (C0)	1,9 kN
Preload class A G_A	15 N
Preload class B G_B	30 N
Preload class C G_C	60 N
Preload class D G_D	120 N
Fatigue load limit P_u	0.08 kN
Calculation factor f_0	8.7
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{HC}	1
Calculation factor f_{2D}	1.09

Calculation factor f_{2C}	1.05
Calculation factor f_{2B}	1.02
Basic static load rating C_0	1.9 kN
Static axial stiffness, preload class C	25 N/ μ m
Static axial stiffness, preload class D	35 N/ μ m
Static axial stiffness, preload class B	18 N/ μ m
Static axial stiffness, preload class A	14 N/ μ m
Attainable speed for grease lubrication	67000 r/min