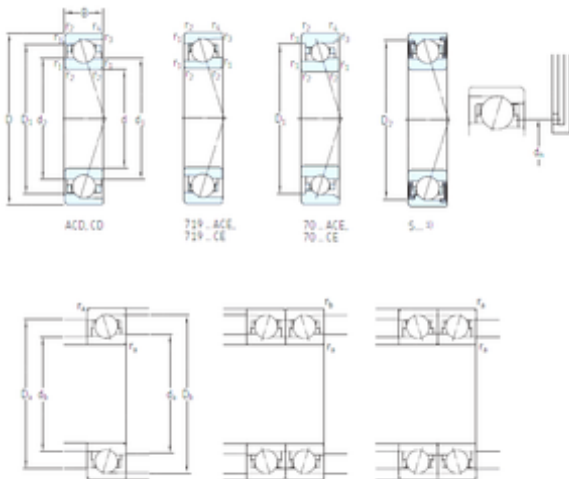




Bearing No. S7022 ACD/HCP4A

a	46.8 mm
d	110 mm
D	170 mm
B	28 mm
C	28 mm
dh	132,6 mm
D2	155,2 mm
d1	128,5 mm
d2	128,5 mm
D1	151,5 mm
Db max	165 mm
db min	119 mm
Weight	1,65 Kg
rb max.	1 mm
ra max.	2 mm
Da max.	161 mm
r3 min.	1 mm
da min.	119 mm
r4 min.	1 mm
r2 min.	2 mm
r1 min.	2 mm
Size (mm)	110x170x28
Width (mm)	28
Mass bearing	1.66 kg
d ₁	128.5 mm
D ₂	155.15 mm
d ₂	128.5 mm
Bearing number	S7022 ACD/HCP4A
Number of balls z	20
d _a max.	127.9 mm

d_a min.	119 mm
Bore Diameter (mm)	110
d_b min.	119 mm
d_b max.	127.9 mm
D_a max.	161 mm
D_b max.	165 mm
r_a max.	2 mm
r_b max.	1 mm
Outer Diameter (mm)	170
Calculation factor e	0.68
Calculation factor f	1.14
$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	1 mm
Fatigue load limit (Pu)	3,75
(Oil) Lubrication Speed	13 000 r/min
(Grease) Lubrication Speed	8 500 r/min
Ball diameter D_w	19.05 mm
Basic dynamic load rating C	104 kN
Preload class A G_A	650 N
Basic dynamic load rating (C)	104 kN
Preload class B G_B	1300 N
Preload class C G_C	2600 N
Preload class D G_D	5200 N
Basic static load rating (C0)	104 kN
Calculation factor f_1	0.99
Fatigue load limit P_u	3.75 kN
Calculation factor f_{2B}	1.02
Calculation factor f_{HC}	1.02
Calculation factor f_{2D}	1.08

Calculation factor f_{2C}	1.05
Calculation factor f_{2A}	1
Basic static load rating C_0	104 kN
Static axial stiffness, preload class D	755 N/ μ m
Static axial stiffness, preload class C	558 N/ μ m
Static axial stiffness, preload class B	421 N/ μ m
Attainable speed for grease lubrication	8500 r/min
Static axial stiffness, preload class A	322 N/ μ m
Calculation factor (single, tandem) Y_2	0.87
Calculation factor (single, tandem) Y_0	0.38
Calculation factor (single, tandem) X_2	0.41
Calculation factor (back- to-back, face-to-face) Y_1	0.92
Calculation factor (back- to-back, face-to-face) Y_2	1.41
Calculation factor (back- to-back, face-to-face) Y_0	0.76
Calculation factor (back- to-back, face-to-face) X_2	0.67