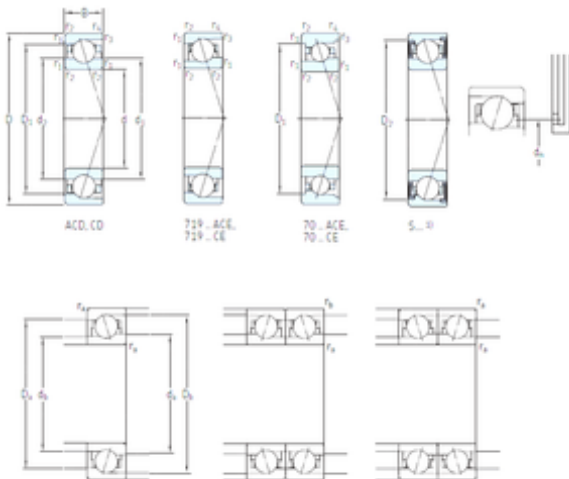




Bearing No. S7024 CE/P4A

a	34.3 mm
d	120 mm
D	180 mm
B	28 mm
C	28 mm
dh	144,9 mm
D2	163,2 mm
d1	141,4 mm
d2	137,8 mm
D1	163,2 mm
Db max	174,4 mm
db min	128,8 mm
Weight	2,15 Kg
rb max.	1 mm
ra max.	2 mm
Da max.	171,2 mm
r3 min.	1 mm
da min.	128,8 mm
r4 min.	1 mm
r2 min.	2 mm
r1 min.	2 mm
Size (mm)	120x180x28
Width (mm)	28
Mass bearing	2.25 kg
d ₁	141.42 mm
d ₂	137.8 mm
D ₂	163.2 mm
Bearing number	S7024 CE/P4A
Number of balls z	29
d _a max.	140.6 mm

r_a max.	2 mm
D_b max.	174.4 mm
D_a max.	171.2 mm
d_b max.	137 mm
d_b min.	128.8 mm
Bore Diameter (mm)	120
d_a min.	128.8 mm
r_b max.	1 mm
Outer Diameter (mm)	180
$r_{3,4}$ min.	1 mm
$r_{1,2}$ min.	2 mm
Calculation factor f	1.12
(Oil) Lubrication Speed	14 500 r/min
Fatigue load limit (Pu)	1,9
(Grease) Lubrication Speed	9 300 r/min
Basic dynamic load rating C	57.2 kN
Ball diameter D_w	14.288 mm
Preload class B G_B	930 N
Basic static load rating (C0)	55 kN
Preload class C G_C	1850 N
Preload class A G_A	310 N
Basic dynamic load rating (C)	57,2 kN
Fatigue load limit P_u	1.9 kN
Calculation factor f_1	1
Calculation factor f_0	9.6
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.03
Calculation factor f_{2C}	1.05
Calculation factor f_{HC}	1

Basic static load rating C_0	55 kN
Static axial stiffness, preload class A	104 N/ μ m
Static axial stiffness, preload class B	164 N/ μ m
Static axial stiffness, preload class C	225 N/ μ m
Attainable speed for grease lubrication	9300 r/min