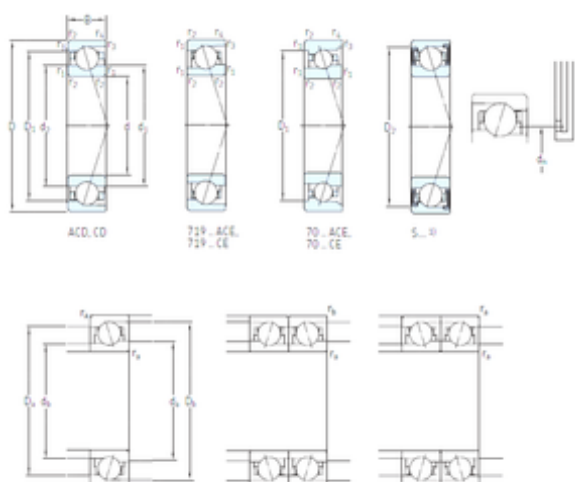




Bearing No. S7021 ACD/P4A

a	44 mm
d	105 mm
D	160 mm
B	26 mm
C	26 mm
dh	125,6 mm
D2	146,8 mm
d1	121,9 mm
d2	121,9 mm
D1	143,1 mm
Db max	155 mm
db min	114 mm
Weight	1,6 Kg
rb max.	1 mm
ra max.	2 mm
Da max.	151 mm
r3 min.	1 mm
da min.	114 mm
r4 min.	1 mm
r2 min.	2 mm
r1 min.	2 mm
Size (mm)	105x160x26
Width (mm)	26
Mass bearing	1.61 kg
d ₁	121.9 mm
D ₂	146.75 mm
d ₂	121.9 mm
Bearing number	S7021 ACD/P4A
Number of balls z	21
d _a max.	121.3 mm

d_a min.	114 mm
Bore Diameter (mm)	105
d_b min.	114 mm
d_b max.	121.3 mm
D_a max.	151 mm
D_b max.	155 mm
r_a max.	2 mm
r_b max.	1 mm
Outer Diameter (mm)	160
Calculation factor e	0.68
Calculation factor f	1.15
$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	1 mm
Fatigue load limit (Pu)	3,4
(Oil) Lubrication Speed	12 000 r/min
(Grease) Lubrication Speed	7 500 r/min
Ball diameter D_w	17.462 mm
Basic dynamic load rating C	90.4 kN
Preload class A G_A	560 N
Basic dynamic load rating (C)	90,4 kN
Preload class B G_B	1120 N
Preload class C G_C	2240 N
Preload class D G_D	4480 N
Basic static load rating (C0)	93 kN
Calculation factor f_1	0.99
Fatigue load limit P_u	3.4 kN
Calculation factor f_{2B}	1.02
Calculation factor f_{HC}	1
Calculation factor f_{2D}	1.08

Calculation factor f_{2C}	1.05
Calculation factor f_{2A}	1
Basic static load rating C_0	93 kN
Static axial stiffness, preload class D	655 N/ μ m
Static axial stiffness, preload class C	484 N/ μ m
Static axial stiffness, preload class B	365 N/ μ m
Attainable speed for grease lubrication	7500 r/min
Static axial stiffness, preload class A	279 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