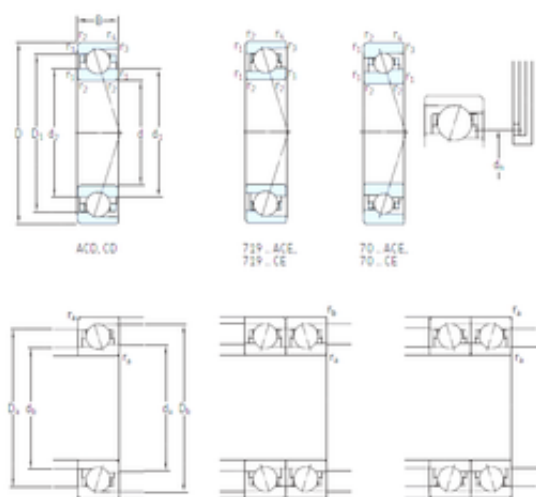




Bearing No. 7034 ACD/P4A

C	42 mm
a	71.4 mm
d	170 mm
D	260 mm
B	42 mm
dh	205,8 mm
D2	– mm
d2	198,7 mm
D1	231,3 mm
d1	198,7 mm
Bore	6.693 Inch 170 Millimeter
Noun	Bearing
Width	1.654 Inch 42 Millimeter
db min	181 mm
Weight	7 Kg
Db max	254 mm
UNSPSC	31171531
rb max.	1 mm
ra max.	2 mm
Da max.	249 mm
da min.	181 mm
Preload	None
r4 min.	1,1 mm
r3 min.	1,1 mm
r2 min.	2,1 mm
r1 min.	2,1 mm
Category	Precision Ball Bearings
Inventory	0.0
Enclosure	Open

Size (mm)	170x260x42
Width (mm)	42
Mass bearing	6.99 kg
Weight / LBS	16.601
Flush Ground	No
d ₁	198.7 mm
d ₂	198.7 mm
Product Group	B04270
D ₁	231.3 mm
Inch - Metric	Metric
Contact Angle	25 Degree
d _n	205.8 mm
Raceway Style	1 Rib Outer Ring
Cage Material	Phenolic
Other Features	Single Row Angular Contact High Precision
Bearing number	7034 ACD/P4A
Keyword String	Angular Contact Ball
Precision Class	ABEC 7 ISO P4
Rolling Element	Ball Bearing
Material - Ball	Steel
Long Description	170MM Bore; 260MM Outside Diameter; 42MM Width; Open Enclosure; ABEC 7 ISO P4 Precision; Steel Ball Material; 1 (Single) Bearings; 25 Degree Contact Angle; Phenolic Cage Material; 1 Rib Outer Ring R
Manufacturer URL	http://www.skf.com
Outside Diameter	10.236 Inch 260 Millimeter
Number of balls z	22
Weight / Kilogram	7.54

Manufacturer Name	SKF
d_b min.	181 mm
Number of Bearings	1 (Single)
Bore Diameter (mm)	170
r_b max.	1 mm
r_a max.	2 mm
D_b max.	254 mm
D_a max.	249 mm
d_a min.	181 mm
Outer Diameter (mm)	260
$r_{3,4}$ min.	1.1 mm
Calculation factor f	1.14
Minimum Buy Quantity	N/A
Calculation factor e	0.68
$r_{1,2}$ min.	2.1 mm
Harmonized Tariff Code	8482.10.50.28
(Oil) Lubrication Speed	7 000 r/min
Fatigue load limit (Pu)	6,7
Manufacturer Item Number	7034 ACD/P4A
(Grease) Lubrication Speed	4 800 r/min
Basic dynamic load rating C	199 kN
Ball diameter D_w	26.988 mm
Basic static load rating (C0)	232 kN
Basic dynamic load rating (C)	199 kN
Preload class C G_C	5000 N
Preload class A G_A	1250 N
Preload class D G_D	10000 N
Preload class B G_B	2500 N
Calculation factor f_1	0.99

Fatigue load limit P_u	6.7 kN
Calculation factor f_{HC}	1
Calculation factor f_{2B}	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	232 kN
Static axial stiffness, preload class C	744 N/ μ m
Static axial stiffness, preload class B	563 N/ μ m
Attainable speed for grease lubrication	4800 r/min
Static axial stiffness, preload class D	1003 N/ μ m
Static axial stiffness, preload class A	433 N/ μ m
Attainable speed for oil-air lubrication	7000 r/min
Reference grease quantity G_{ref}	84 cm ³
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