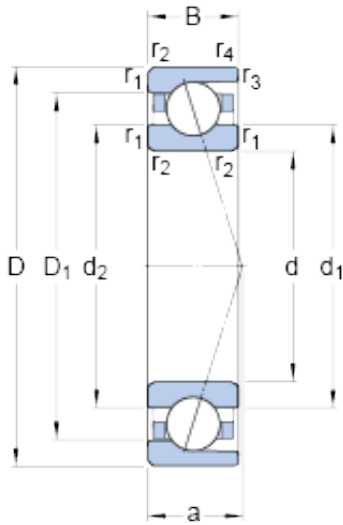




Shenzhen Youmeite Bearings Co., Ltd.



71934 CD/P4A Bearing 2D drawings and 3D CAD models

170 mm x 230 mm x 28 mm SKF 71934 CD/P4A angular contact ball bearings

Bearing No. 71934 CD/P4A

Size	230x170x28 mm
Bore Diameter	230 mm
Outer Diameter	170 mm
Width	28 mm
d	170 mm
D	230 mm
B	28 mm
d ₁	188.5 mm
d ₂	188.5 mm
D ₁	211.5 mm
r _{1,2} - min.	2 mm
r _{3,4} - min.	1 mm
a	40.9 mm
d _a - min.	179 mm
d _b - min.	179 mm
D _a - max.	221 mm
D _b - max.	225 mm
r _a - max.	2 mm
r _b - max.	1 mm
d _n	193.5 mm
Basic dynamic load rating - C	133 kN
Basic static load rating - C ₀	166 kN
Fatigue load limit - P _u	5.1 kN
Limiting speed for grease	5600 r/min



Shenzhen Youmeite Bearings Co., Ltd.

Lubrication	
Limiting speed for oil lubrication	8500 mm/min
Ball - D_w	19.05 mm
Ball - z	29
G_{ref}	36 cm ³
Calculation factor - f_0	16.5
Preload class A - G_A	500 N
Preload class B - G_B	1000 N
Preload class C - G_C	2000 N
Preload class D - G_D	4000 N
Calculation factor - f	1.3
Calculation factor - f	1
Calculation factor - f_{2A}	1
Calculation factor - f_{2B}	1.04
Calculation factor - f_{2C}	1.09
Calculation factor - f_{2D}	1.15
Calculation factor - f_{HC}	1
Preload class A	171 N/micron
Preload class B	236 N/micron
Preload class C	334 N/micron
Preload class D	493 N/micron
Category	Precision Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	7316571133836
Product Group	B04270
Enclosure	Open



Shenzhen Youmeite Bearings Co., Ltd.

Precision Class	ABEC 7 ISO P4
Material - Ball	Steel
Number of Bearings	1 (Single)
Contact Angle	15 Degree
Preload	None
Raceway Style	1 Rib Outer Ring
Cage Material	Phenolic
Rolling Element	Ball Bearing
Flush Ground	No
Inch - Metric	Metric
Other Features	Single Row Angular Contact High Capacity Basic Design
Long Description	170MM Bore; 230MM Outside Diameter; 28MM Width; Open Enclosure; ABEC 7 ISO P4 Precision; Steel Ball Material; 1 (Single) Bearing; 15 Degree Contact Angle; Phenolic Cage Material; 1 Rib Outer Ring Ra
Category	Precision Ball Bearings
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Ball Angular Contact
Manufacturer URL	http://www.skf.com
Outside Diameter	9.055 Inch 230 Millimeter
Bore	6.693 Inch 170 Millimeter
Width	1.102 Inch 28 Millimeter
d ₁	188.5 mm
d ₂	188.5 mm
D ₁	211.5 mm
r _{1,2} min.	2 mm



Shenzhen Youmeite Bearings Co., Ltd.

$r_{3,4}$ min.	1 mm
d_a min.	179 mm
d_b min.	179 mm
D_a max.	221 mm
D_b max.	225 mm
r_a max.	2 mm
r_b max.	1 mm
d_n	193.5 mm
Basic dynamic load rating C	133 kN
Basic static load rating C_0	166 kN
Fatigue load limit P_u	5.1 kN
Attainable speed for grease lubrication	5600 r/min
Attainable speed for oil-air lubrication	8500 r/min
Ball diameter D_w	19.05 mm
Number of balls z	29
Reference grease quantity G_{ref}	36 cm ³
Preload class A G_A	500 N
Static axial stiffness, preload class A	171 N/ μ m
Preload class B G_B	1000 N
Static axial stiffness, preload class B	236 N/ μ m
Preload class C G_C	2000 N
Static axial stiffness, preload class C	334 N/ μ m
Preload class D G_D	4000 N
Static axial stiffness, preload class D	493 N/ μ m
Calculation factor f	1.3
Calculation factor f_1	1
Calculation factor f_{2A}	1



Shenzhen Youmeite Bearings Co., Ltd.

Calculation factor f_{2B}	1.04
Calculation factor f_{2C}	1.09
Calculation factor f_{2D}	1.15
Calculation factor f_{HC}	1
Calculation factor f_0	16.5
Mass bearing	2.85 kg