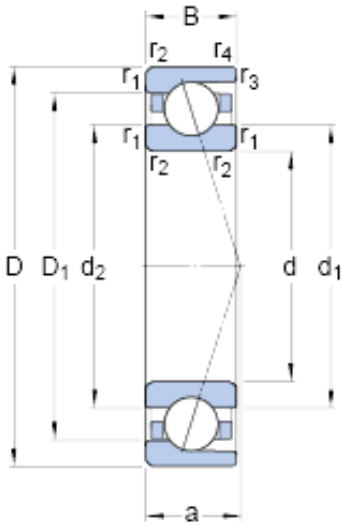




Timken MANUFACTURING (THAILAND)CO.,LTD.



30 mm x 47 mm x 9 mm SKF 71906 CD/P4A angular contact ball bearings

Bearing No. 71906 CD/P4A

71906 CD/P4A Bearing 2D drawings and 3D CAD models

Size	47x30x9 mm
Bore Diameter	47 mm
Outer Diameter	30 mm
Width	9 mm
d	30 mm
D	47 mm
B	9 mm
d ₁	35.6 mm
d ₂	35.6 mm
D ₁	41.4 mm
r _{1,2} - min.	0.3 mm
r _{3,4} - min.	0.2 mm
a	9.7 mm
d _a - min.	32 mm
d _b - min.	32 mm
D _a - max.	45 mm
D _b - max.	45.6 mm
r _a - max.	0.3 mm
r _b - max.	0.2 mm
d _n	36.8 mm
Basic dynamic load rating - C	7.2 kN
Basic static load rating - C ₀	4.6 kN
Fatigue load limit - P _u	0.193 kN
Limiting speed for grease	30000 r/min



Timken MANUFACTURING (THAILAND)CO.,LTD.

Lubrication	
Limiting speed for oil lubrication	45000 mm/min
Ball - D_w	4.762 mm
Ball - z	20
G_{ref}	0.63 cm3
Calculation factor - f_0	10.4
Preload class A - G_A	25 N
Preload class B - G_B	50 N
Preload class C - G_C	100 N
Preload class D - G_D	200 N
Calculation factor - f	1.08
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	26 N/micron
Preload class B	35 N/micron
Preload class C	47 N/micron
Preload class D	67 N/micron
Category	Precision Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.049
EAN	7316570421385
Product Group	B04270
Enclosure	Open



Timken MANUFACTURING (THAILAND)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	30MM Bore; 47MM Outside Diameter; 9MM 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 Racew
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
Bore	1.181 Inch 30 Millimeter
Outside Diameter	1.85 Inch 47 Millimeter
Width	0.354 Inch 9 Millimeter
d ₁	35.6 mm
d ₂	35.6 mm
D ₁	41.4 mm
r _{1,2} min.	0.3 mm



Timken MANUFACTURING (THAILAND)CO.,LTD.

$r_{3,4}$ min.	0.2 mm
d_a min.	32 mm
d_b min.	32 mm
D_a max.	45 mm
D_b max.	45.6 mm
r_a max.	0.3 mm
r_b max.	0.2 mm
d_n	36.8 mm
Basic dynamic load rating C	7.15 kN
Basic static load rating C_0	4.55 kN
Fatigue load limit P_u	0.193 kN
Attainable speed for grease lubrication	30000 r/min
Attainable speed for oil-air lubrication	45000 r/min
Ball diameter D_w	4.762 mm
Number of balls z	20
Reference grease quantity G_{ref}	0.63 cm ³
Preload class A G_A	25 N
Static axial stiffness, preload class A	26 N/ μ m
Preload class B G_B	50 N
Static axial stiffness, preload class B	35 N/ μ m
Preload class C G_C	100 N
Static axial stiffness, preload class C	47 N/ μ m
Preload class D G_D	200 N
Static axial stiffness, preload class D	67 N/ μ m
Calculation factor f	1.08
Calculation factor f_1	1
Calculation factor f_{2A}	1



Timken MANUFACTURING (THAILAND)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	10.4
Mass bearing	0.048 kg