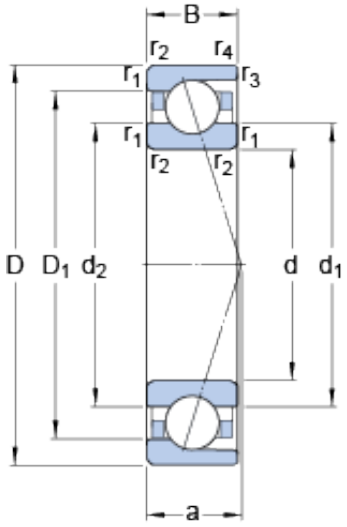
Loyal | 71802 CD/P4



Bearing No. 71802 CD/P4

a	5.1 mm
d	15 mm
D	24 mm
B	5 mm
Noun	Bearing
Bore	0.591 Inch | 15 Millimeter
Width	0.197 Inch | 5 Millimeter
UNSPSC	31171531
Preload	None
Ball - z	17
Category	Precision Ball Bearings
Size (mm)	24x15x5
Enclosure	Open
Inventory	0.0
Width (mm)	5
Weight / LBS	0.028
Flush Ground	No
Mass bearing	0.007 kg
d_1	18.1 mm
d_2	18.1 mm
D_1	21.1 mm
Inch - Metric	Metric
Cage Material	Phenolic
Raceway Style	1 Rib Outer Ring
d_n	18.4 mm
Product Group	B04270
Contact Angle	15 Degree
d_1	18.1 mm
d_n	18.4 mm

D_1	21.1 mm
d_2	18.1 mm
Bearing number	71802 CD/P4
Keyword String	Angular Contact Ball
Other Features	Single Row | Angular Contact | Super Precision
Material - Ball	Steel
Rolling Element	Ball Bearing
G_{ref}	0.08 cm3
Preload class A	17 N/micron
Preload class B	30 N/micron
Preload class C	43 N/micron
Precision Class	ABEC 7 | ISO P4
Manufacturer URL	http://www.skf.com
Long Description	15MM Bore; 24MM Outside Diameter; 5MM Width; Open Enclosure; ABEC 7 | ISO P4 Precision; Steel Ball Material; 1 (Single) Bearings; 15 Degree Contact Angle; Phenolic Cage Material; 1 Rib Outer Ring Race
Outside Diameter	0.945 Inch | 24 Millimeter
Number of balls z	17
Manufacturer Name	SKF
Weight / Kilogram	0.013
D_b max.	23.2 mm
Bore Diameter (mm)	24
Number of Bearings	1 (Single)
r_b max.	0.15 mm
D_a max.	22 mm

r_a max.	0.3 mm
d_a min.	17 mm
d_b min.	17 mm
Outer Diameter (mm)	15
$r_{1,2}$ min.	0.3 mm
$r_{3,4}$ min.	0.15 mm
Calculation factor f	1.08
d_a - min.	17 mm
Ball - D_w	2.381 mm
d_b - min.	17 mm
Minimum Buy Quantity	N/A
D_a - max.	22 mm
D_b - max.	23.2 mm
r_a - max.	0.3 mm
r_b - max.	0.15 mm
$r_{3,4}$ - min.	0.15 mm
$r_{1,2}$ - min.	0.3 mm
Harmonized Tariff Code	8482.10.50.28
Calculation factor - f	1.08
Manufacturer Item Number	71802 CD/P4
Basic dynamic load rating C	2.29 kN
Ball diameter D_w	2.381 mm
Preload class A G_A	12 N
Basic dynamic load rating - C	2.3 kN
Preload class C G_C	72 N
Preload class B G_B	36 N
Preload class A - G_A	12 N
Preload class C - G_C	72 N
Preload class B - G_B	36 N

Calculation factor f_0	16
Fatigue load limit P_u	0.063 kN
Calculation factor f_1	1
Calculation factor f_{HC}	1
Calculation factor f_{2C}	1.16
Calculation factor - f	1
Calculation factor f_{2B}	1.09
Calculation factor f_{2A}	1
Calculation factor - f_0	16
Limiting speed for oil lubrication	90000 mm/min
Fatigue load limit - P_u	0.063 kN
Calculation factor - f_{2A}	1
Calculation factor - f_{HC}	1
Calculation factor - f_{2B}	1.09
Calculation factor - f_{2C}	1.16
Limiting speed for grease lubrication	60000 r/min
Basic static load rating C_0	1.5 kN
Static axial stiffness, preload class A	17 N/µm
Static axial stiffness, preload class B	30 N/µm
Static axial stiffness, preload class C	43 N/µm
Attainable speed for grease lubrication	60000 r/min
Attainable speed for oil-air lubrication	90000 r/min
Basic static load rating - C_0	1.5 kN
Reference grease quantity G_{ref}	0.08 cm^3