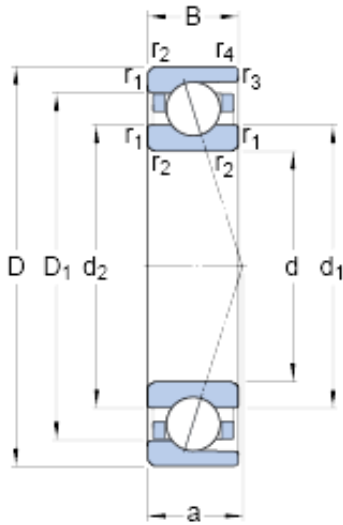




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71803 CD/P4 Bearing 2D drawings and 3D CAD models

17 mm x 26 mm x 5 mm SKF 71803 CD/P4
Rodas de aço pressionadas Filas Únicas Linhas
Angulares Barbas de Bola

Bearing No. 71803 CD/P4

Size	26x17x5 mm
Bore Diameter	26 mm
Outer Diameter	17 mm
Width	5 mm
d	17 mm
D	26 mm
B	5 mm
d ₁	20.1 mm
d ₂	20.1 mm
D ₁	23 mm
r _{1,2} - min.	0.3 mm
r _{3,4} - min.	0.15 mm
a	5.4 mm
d _a - min.	19 mm
d _b - min.	19 mm
D _a - max.	24 mm
D _b - max.	25.2 mm
r _a - max.	0.3 mm
r _b - max.	0.15 mm
d _n	20.4 mm
Basic dynamic load rating - C	2.3 kN
Basic static load rating - C ₀	1.6 kN
Fatigue load limit - P _u	0.068 kN



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Limiting speed for grease lubrication	53000 r/min
Limiting speed for oil lubrication	85000 mm/min
Ball - D_w	2.381 mm
Ball - z	18
G_{ref}	0.09 cm ³
Calculation factor - f_0	16.2
Preload class A - G_A	12 N
Preload class B - G_B	37 N
Preload class C - G_C	75 N
Calculation factor - f	1.1
Calculation factor - f	1
Calculation factor - f_{2A}	1
Calculation factor - f_{2B}	1.09
Calculation factor - f_{2C}	1.16
Calculation factor - f_{HC}	1
Preload class A	18 N/micron
Preload class B	31 N/micron
Preload class C	45 N/micron
d_1	20.1 mm
d_2	20.1 mm
D_1	23 mm
$r_{1,2}$ min.	0.3 mm
$r_{3,4}$ min.	0.15 mm
d_a min.	19 mm
d_b min.	19 mm
D_a max.	24 mm
D_b max.	25.2 mm
r_a max.	0.3 mm
r_b max.	0.15 mm



ISO Bearing Rolamentos do Brasil Ltda.

d_n	20.4 mm
Basic dynamic load rating C	2.34 kN
Basic static load rating C_0	1.6 kN
Fatigue load limit P_u	0.068 kN
Attainable speed for grease lubrication	53000 r/min
Attainable speed for oil-air lubrication	85000 r/min
Ball diameter D_w	2.381 mm
Number of balls z	18
Reference grease quantity G_{ref}	0.09 cm ³
Preload class A G_A	12 N
Static axial stiffness, preload class A	18 N/ μ m
Preload class B G_B	37 N
Static axial stiffness, preload class B	31 N/ μ m
Preload class C G_C	75 N
Static axial stiffness, preload class C	45 N/ μ m
Calculation factor f	1.1
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.09
Calculation factor f_{2C}	1.16
Calculation factor f_{HC}	1
Calculation factor f_0	16.2
Mass bearing	0.01 kg