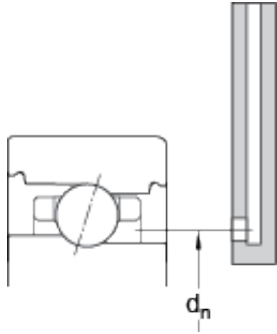




# Jlys Tech Ltd.



## SKF 71906 CB/P4A Angular Contact Ball Bearings, Super-Precision

Bearing No. 71906 CB/P4A

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

d	30 mm
D	47 mm
B	9 mm
d <sub>1</sub>	35.95 mm
d <sub>2</sub>	35.1 mm
D <sub>2</sub>	43 mm
r <sub>1,2</sub> min.	0.3 mm
r <sub>3,4</sub> min.	0.15 mm
a	12.2 mm
d <sub>a</sub> min.	32 mm
d <sub>b</sub> min.	32 mm
D <sub>a</sub> max.	45 mm
D <sub>b</sub> max.	46.2 mm
r <sub>a</sub> max.	0.3 mm
r <sub>b</sub> max.	0.15 mm
d <sub>n</sub>	36.6 mm
Basic dynamic load rating C	6.37 kN
Basic static load rating C <sub>0</sub>	5.2 kN
Fatigue load limit P <sub>u</sub>	0.134 kN
Attainable speed for grease lubrication	40000 r/min
Attainable speed for oil-air lubrication	60000 r/min
Ball diameter D <sub>w</sub>	3.969 mm
Number of balls z	22
Reference grease quantity	0.72 cm <sup>3</sup>



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$G_{ref}$	
Preload class A $G_A$	16 N
Static axial stiffness, preload class A	20 N/ $\mu$ m
Preload class B $G_B$	32 N
Static axial stiffness, preload class B	27 N/ $\mu$ m
Preload class C $G_C$	96 N
Static axial stiffness, preload class C	43 N/ $\mu$ m
Calculation factor $f$	1.07
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.02
Calculation factor $f_{2C}$	1.07
Calculation factor $f_{HC}$	1
Calculation factor $f_0$	9.5
Mass bearing	0.047 kg