

# SKF FYJ 50 KF+HA 2310 bearing units

SKF FYJ 50 KF+HA 2310 bearing units Engineering Calculator , Manufacturing Service . Get 80x35x31 Size (mm) Your Free.

Size (mm)	80x35x31
Bore Diameter (mm)	80
Outer Diameter (mm)	35
Width (mm)	31
d	35 mm
D	80 mm
B	31 mm
d2	43.7 mm
D2	69.2 mm
r1,2 – min.	1.5 mm
Da – max.	71 mm
ra – max.	1.5 mm
Basic dynamic load rating – C	26.5 kN
Basic static load rating – C0	8.5 kN
Fatigue load limit – Pu	0.43 kN
Limiting speed	5600 r/min
Calculation factor – kr	0.05
Calculation factor – e	0.25
Calculation factor – Y0	2.5
Calculation factor – Y1	2.5
Calculation factor – Y2	3.9
d2 ≈	43.7 mm
D2 ≈	69.2 mm

r <sub>1,2</sub> min.	1.5 mm
Da max.	71 mm
ra max.	1.5 mm
Basic dynamic load rating C	26.5 kN
Basic static load rating C <sub>0</sub>	8.5 kN
Fatigue load limit P <sub>u</sub>	0.43 kN
Permissible angular misalignment $\alpha$	1.5 °
Calculation factor k <sub>r</sub>	0.05
Calculation factor e	0.25
Calculation factor Y <sub>0</sub>	2.5
Calculation factor Y <sub>1</sub>	2.5
Calculation factor Y <sub>2</sub>	3.9
Mass bearing	0.7 kg