

# SKF SYJ 50 KF+H 2310 bearing units

SKF SYJ 50 KF+H 2310 bearing units 50x100x20 Size (mm) with easy-to-use parts graphics, giving you the ability to check parts availability, pricing, examine remanufactured options.

Size (mm)	50x100x20
Bore Diameter (mm)	50
Outer Diameter (mm)	100
Width (mm)	20
d	50 mm
D	100 mm
H	20 mm
d1	66.9 mm
d2	77 mm
D1	77.1 mm
D2	87.76 mm
r1,2 – min.	1.5 mm
a	82 mm
da – min.	65 mm
db – min.	65 mm
Da – max.	90.5 mm
Db – max.	90.5 mm
ra – max.	1.5 mm
Basic dynamic load rating – C	67 kN
Basic static load rating – C0	193 kN
Fatigue load limit – Pu	7.2 kN
Limiting speed for grease lubrication	5600 r/min

Limiting speed for oil lubrication	6700 mm/min
Preload class A	6200 N
Preload class B	12400 N
Frictional moment, Preload class A	0.52 N·m
Frictional moment, Preload class B	0.97 N·m
Static Axial rigidity, Preload class A	1550 N/micron
Static Axial rigidity, Preload class B	1970 N/micron
Max. axial load – Fa	max. 107 kN
Gref	6.5 cm <sup>3</sup>
r <sub>1,2</sub> min.	1.5 mm
da min.	65 mm
db min.	65 mm
Da max.	90.5 mm
Db max.	90.5 mm
ra max.	1.5 mm
Basic dynamic load rating C	67 kN
Basic static load rating C <sub>0</sub>	193 kN
Fatigue load limit Pu	7.2 kN
Attainable speed for grease lubrication	5600 r/min
Attainable speed for oil-air lubrication	6700 r/min
Frictional moment, preload class A	0.52 N·m
Frictional moment, preload class B	0.97 N·m
Static axial stiffnes, preload A	1550 N/μm
Static axial stiffnes, preload B	1970 N/μm
Maximum axial load carrying capacity Fa max.	107 kN
Reference grease quantity Gref	6.5 cm <sup>3</sup>
Mass bearing	0.71 kg