



BTE Bearing Power Machinery Co., Ltd.

SKF W 61807 R deep groove ball bearings

Bearing No. W 61807 R

Size	35x47x7 mm
Bore Diameter	35 mm
Outer Diameter	47 mm
Width	7 mm
d	35 mm
D	47 mm
B	7 mm
C	7 mm
C	1,5 mm
D3	50 mm
Weight	0,0334 Kg
Basic dynamic load rating (C)	3,71 kN
Basic static load rating (C0)	3,35 kN
Fatigue load limit (Pu)	0,14
Reference speed	30 000 r/min
d ₁	38.21 mm
D ₁	42.75 mm
D ₂	43.69 mm
D ₃	50 mm
r _{1,2} min.	0.3 mm
d _a min.	37 mm
r _a max.	0.3 mm
Basic dynamic load rating C	3.71 kN
Basic static load rating C ₀	3.35 kN
Fatigue load limit P _u	0.14 kN
Limiting speed	18000 r/min
Calculation factor k _r	0.02



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Calculation factor f_0	14.3
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