

Timken 45285/45220 tapered roller bearings

170 60x95x18 Size (mm) Million used Timken 45285/45220 tapered roller bearings instantly searchable. Shop our large selection of parts based on brand, price, description, and location. Order the with stock ...

Size (mm)	60x95x18
Bore Diameter (mm)	60
Outer Diameter (mm)	95
Width (mm)	18
d	60 mm
D	95 mm
B	18 mm
C	18 mm
Angle (α)	15 °
d1	71.9 mm
d2	70.1 mm
D1	84.91 mm
D2	88.11 mm
a	21 mm
Contact angle α	17 °
rs min	1.1 mm
r1s min	1 mm
f θ	8.33
Precision class	P4S
Mass	0.43 kg
Dynamic load, C	17 kN

Static load, C ₀	12 kN
Fatigue limit load, C _u	0.66 kN
N _{lim} (oil)	28,000 rpm
N _{lim} (grease)	21,000 rpm
Axial displacement K Factor	0.99
Preload level	7
Preload value	0.09 kN
Axial rigidity	65 N/μm
Radial rigidity	318 N/μm
Min operating temperature, T _{min}	-30 °C
Max operating temperature, T _{max}	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	9.54 Hz
Characteristic outer ring frequency, BPF ₀	10.81 Hz
Characteristic inner ring frequency, BPF _I	13.19 Hz
d _{a min}	67 mm
d _{b min}	67 mm
D _{a max}	88 mm
D _{b max}	88 mm
r _{1a max}	1 mm
r _{a max}	1 mm
D ₆	74.4 mm