

KOYO HC STA4785LFT tapered roller bearings

Various types 280x180x46 Size (mm) and sizes to accommodate your KOYO HC STA4785LFT tapered roller bearings requirements.

Size (mm)	280x180x46
Bore Diameter (mm)	280
Outer Diameter (mm)	180
Width (mm)	46
d	180 mm
D	280 mm
B	46 mm
d1	212.05 mm
D1	248 mm
r _{1,2} – min.	2.1 mm
da – min.	190 mm
Da – max.	270 mm
ra – max.	2 mm
Basic dynamic load rating – C	190 kN
Basic static load rating – C ₀	200 kN
Fatigue load limit – P _u	5.6 kN
Reference speed	4800 r/min
Limiting speed	3000 r/min
Calculation factor – k _r	0.025
Calculation factor – f ₀	15.6
d ₁ ≈	212.05 mm
D ₁ ≈	248 mm
r _{1,2} min.	2.1 mm

da min.	190 mm
Da max.	270 mm
ra max.	2 mm
Basic dynamic load rating C	190 kN
Basic static load rating C0	200 kN
Fatigue load limit Pu	5.6 kN
Calculation factor kr	0.025
Calculation factor f0	15.6
Mass bearing	9.1 kg