

# KOYO 24780R/24720 tapered roller bearings

Our highly-skilled and factory-trained service experts 180x280x46 Size (mm) have the resources to help you with all your KOYO 24780R/24720 tapered roller bearings needs – including routine maintenance, major repairs, warranty service, and 280 Outer Diameter (mm) equipment inspections.

Size (mm)	180x280x46
Bore Diameter (mm)	180
Outer Diameter (mm)	280
Width (mm)	46
d	180 mm
D	280 mm
B	46 mm
C	46 mm
Angle ( $\alpha$ )	30 °
a	43.4 mm
r min.	2.1 mm
r1 min.	1.1 mm
2B	92 mm
da min.	189 mm
Da max.	274 mm
ra max.	1 mm
Weight	9.98 Kg
Basic dynamic load rating (C)	335 kN
Basic static load rating (C0)	505 kN
(Grease) Lubrication Speed	1500 r/min

Bore Type	Cylindrical Bore
Enclosure	Open
Configuration	Duplex
Bore Size	180 mm
Outside Diameter	280 mm
Width	46 mm
Fillet Radius/Chamfer	2.1 mm
r1	1.1 mm
Dynamic Load Rating	335,000 N
Static Load Rating	505,000 N
Limiting Speed – Grease	1,500 rpm
Limiting Speed – Oil	2,000 rpm
da1 (min)	189 mm
da2 (min)	189 mm
Da1 (max)	271 mm
Da2 (max)	274 mm
ra (max)	2 mm
ra1 (max)	1 mm