

# KOYO 745AR/742 tapered roller bearings

Welcome to Mounted Bearing Engineering Group the KOYO 745AR/742 tapered roller bearings online seller.

Engineering Group	Mounted Bearing
Shaft Size	3-1/2 in
Shaft Size Type	Imperial
Full Timken Part Number	TAFC20K308SB
Locking Style	Tapered Adapter
Weight	40.0 lb
Housing Style	Four-Bolt Square Flange
UPC Code	0883450121774
Dimension BC	11.02 in
Dimension A	13 in
Dimension C	5.12 in
Dimension D	9.060 in
Dimension E	7.79 in
Dimension F	9.76 in
Dimension H	1.13 in
Dimension J (Bolt Size)	0.75 in
Dimension G	1.25 in
Dimension L	4.16 in
Dimension M	2.3 in
Dimension N	3.710 in
Dimension S	3.82 in
C0 – Static Load	113000 lb
C – Dynamic Load (Basic)	97700 lb

e – Geometry Factor	0.26
Y1 – Geometry Factor	2.55
Y2 – Geometry Factor	3.80
Oil Lubrication – M/N Seal	1200 rpm
Oil Lubrication – T Seal	2000 rpm
Oil Lubrication – B/C/O Seal	900 rpm
Grease Lubrication – M/N Seal	1200 rpm
Grease Lubrication – T Seal	1600 rpm
Grease Lubrication – B/C/O Seal	900 rpm
Float	0.083 in
Shaft Tolerance	0.0040 in
Pre Install Clearance Min	0.0043 in
Pre Install Clearance Max	0.0055 in
Int Radial Clearance Reduction Min	0.0018 in
Int Radial Clearance Reduction Max	0.0025 in
Adapter Sleeve Axial Movement Min	0.027 in