

# NACHI 5316NR angular contact ball bearings

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Engineering Group	Mounted Bearing
Shaft Size	3-7/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QMCW18J307SB
Locking Style	Eccentric
Weight	32 lb
Housing Style	Piloted Flange Cartridge
UPC Code	0883450063623
Dimension BC	8.63 in
Dimension C	4.760 in
Dimension E	6.10 in
Dimension B Fix	2.46 in
Dimension B Exp	2.54 in
Dimension F	10.25 in
Dimension D	7.38 in
Dimension H	0.88 in
Dimension J (Bolt Size)	0.75 in
Dimension M	2.59 in
Dimension R	0.31 in
Dimension S	4.03 in
Dimension G	7.375 in
Dimension K	1.44 in
Dimension L Exp	4.42 in

Dimension L Fix	4.34 in
Dimension N	1.88 in
C0 – Static Load	87200 lb
C – Dynamic Load (Basic)	79700 lb
e – Geometry Factor	0.23
Y1 – Geometry Factor	2.90
Y2 – Geometry Factor	4.31
Oil Lubrication – M/N Seal	1400 rpm
Oil Lubrication – T Seal	2400 rpm
Oil Lubrication – B/C/O Seal	1000 rpm
Grease Lubrication – M/N Seal	1400 rpm
Grease Lubrication – T Seal	2000 rpm
Grease Lubrication – B/C/O Seal	1000 rpm
Float	0.083 in
Shaft Tolerance	0.0030 in
Eng Internal Radial Clearance – Min	0.0024
Eng Internal Radial Clearance – Max	0.0039
Pre Install Clearance Min	0.0024 in
Pre Install Clearance Max	0.0039 in