

FAG 542186CA angular contact ball bearings

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Engineering Group	Mounted Bearing
Shaft Size	4-7/16 in
Shaft Size Type	Imperial
Full Timken Part Number	99999B
Locking Style	Tapered Adapter
Weight	108.0 lb
Housing Style	Four-Bolt Square Flange
UPC Code	0883450382083
Dimension BC	8.47 in
Dimension A	10.04 in
Dimension C	3.86 in
Dimension D	11.190 in
Dimension E	7.000 in
Dimension F	16.5 in
Dimension H	1.50 in
Dimension J (Bolt Size)	1.125 in
Dimension G	1 in
Dimension L Exp	2.9 in
Dimension M	1.73 in
Dimension N	5.320 in
Dimension S	2.87 in
C0 – Static Load	212000 lb

C – Dynamic Load (Basic)	170000 lb
e – Geometry Factor	0.28
Y1 – Geometry Factor	2.43
Y2 – Geometry Factor	3.61
Oil Lubrication – M/N Seal	700 rpm
Oil Lubrication – T Seal	1500 rpm
Oil Lubrication – B/C/O Seal	400 rpm
Grease Lubrication – M/N Seal	700 rpm
Grease Lubrication – T Seal	1000 rpm
Grease Lubrication – B/C/O Seal	400 rpm
Float	0.083 in
Shaft Tolerance	0.0040 in
Pre Install Clearance Min	0.0063 in
Pre Install Clearance Max	0.0079 in
Int Radial Clearance Reduction Min	0.0025 in
Int Radial Clearance Reduction Max	0.0035 in
Adapter Sleeve Axial Movement Min	0.035 in