

# NTN 7856 angular contact ball bearings

Our highly-skilled and factory-trained service experts have the resources to help you with all your NTN 7856 angular contact ball bearings needs – Mounted Bearing Engineering Group including routine maintenance, major 100 mm Shaft Size repairs, warranty service, and equipment inspections.

Engineering Group	Mounted Bearing
Shaft Size	100 mm
Shaft Size Type	Metric
Full Timken Part Number	QMSN20J100SB
Locking Style	Eccentric
Weight	79 lb
Housing Style	Two-Bolt Pillow Block
UPC Code	0883450098724
Dimension A	4.92 in
Dimension B	9.49 in
Dimension C	5.98 in
Dimension D Max	14.41 in
Dimension D Min	12.56 in
Dimension F	16.14 in
Dimension G	3.980 in
Dimension H	1.97 in
Dimension J (Bolt Size)	0.875 in
Dimension K	1.61 in
Dimension L	4.96 in
Dimension M	2.95 in

Dimension R	0.35 in
Dimension S	4.570 in
C0 – Static Load	113000 lb
C – Dynamic Load (Basic)	97700 lb
e – Geometry Factor	0.24
Y1 – Geometry Factor	2.85
Y2 – Geometry Factor	4.24
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	0.0030 in
Eng Internal Radial Clearance – Min	0.0030
Eng Internal Radial Clearance – Max	0.0047
Pre Install Clearance Min	0.0030 in
Pre Install Clearance Max	0.0047 in