TIMKEN

Slotted End Cover Suggested Mounting Bolt Torque

Bolt the cover and housing tightly to the mounting supports using an appropriately sized fastener and suggested bolt torque following the table below. Flat washers should be used when installing any kind of mounted bearing for best performance. Washer should be properly sized to bolt diameter.

SUGGESTED MOUNTING BOLT TORQUE

Bolt Size	Tightening Torque	Bolt Size	Torque
mm	**N-m**	in.	ft.-lbs.
M8	**6 – 10**	5/16	4 – 7
M10	**12 – 21**	3/8	9 – 16
M12	**21 – 37**	7/16	16 – 27
M14	**34 – 60**	1/2	26 – 44
M16	**53 – 93**	5/8	39 – 69
M20	**104 – 186**	3/4	77 – 137
M22	**143 – 256**	7/8	106 – 190
M27	**266 – 478**	1	196 – 353

SETSCREW TIGHTENING



WARNING

Failure to observe the following warnings could create a risk of death or serious injury.

Proper maintenance and handling practices are critical. Always follow installation instructions and maintain proper lubrication.

Special care must be taken to properly select, install, maintain and lubricate mounted bearings that are used in or near atmospheres that may contain explosive levels of combustible gases or accumulations of dust such as grain, coal, or other combustible materials. Consult your equipment designer or supplier for installation and maintenance instructions.

Below -40° C (-40° F), polymer housings may break. Select stainless or steel housings that operate to lower temperatures.

CAUTION

Failure to follow these cautions may result in property damage.

Do not use damaged mounted bearings.

NOTE

Do not use excessive force when mounting or dismounting the unit.

Follow all tolerance, fit, and torque recommendations.

Always follow the Original Equipment Manufacturer's installation and maintenance guidelines.

Ensure proper alignment.

Never weld mounted bearings.

Do not heat components with an open flame.

Do not operate at bearing temperatures above 250˚ F (121˚ C).

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