

TIMKEN

Installation Guide

Auxiliary Covers for Timken® Solid-Block Housed Units



INSTALLATION GUIDE

AUXILIARY COVERS FOR TIMKEN® SOLID-BLOCK HOUSED UNITS

Assemble these required parts:

- One open- or closed-end cover
- One housing nut with mounting holes (If not already on bearing, one will be provided with cover.)
- Four⁽¹⁾ mounting screws

⁽¹⁾Size 22-and-over covers are held on by six mounting screws.

NOTE

It is critical to identify what style cover you are using, as this will change the hardware included, as well as the installation procedure.

INSTALLATION

1. Make sure the mating surface of the cover and retaining nut are clean and dry.
2. If using a urethane cover, slightly roughen the mating surface of the cover.
3. Place a 1/8 in. - 1/4 in. bead of polyurethane adhesive sealant on the mating surface of the cover.
4. Align the cover mounting holes with the mounting holes on the retaining housing nut. Make sure that the grease fitting on the cover is accessible when doing so.
5. Apply and tighten the cover mounting hardware.

TABLE A. AUXILIARY COVER MOUNTING SCREWS

Cover Size	SHCS # and Size		Hex Wrench Size	Torque
	Steel Covers	Urethane Covers		
	in.	in.		
08 to 12	(4) #6-32UNC x 1/4" long	(4) #6-32UNC x 3/8" long	7/64"	15
13 to 15	(4) #8-32UNC x 3/8" long	(4) #8-32UNC x 1/2" long	9/64"	25
17	(4) #10-24UNC x 3/8" long	(4) #10-24UNC x 1/2" long	5/32"	45
18 to 20	(4) 1/4"-20UNC x 3/8" long	(4) 1/4"-20UNC x 1/2" long	3/16"	70
22 to 26	(6) 1/4"-20UNC x 3/8" long	(6) 1/4"-20UNC x 1/2" long	3/16"	70

Note: (4) or (6) refer to the quantity of screws needed for installation.

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.



The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance mechanical components, including bearings, gears, chain and related mechanical power transmission products and services.

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