

2100 Series Side Drive Mounting Package For Standard Load, 90° Gearmotor

Flat Belt Conveyor Mounting



Flat Belt Conveyor, position "D" shown



power sources have been disconnected and locked-out before you perform any assembly or adjustments. NEVER operate equipment without guards or other protective devices properly secured in place.



Gearmotor and mounting package assembly with attaching hardware set-up for a flat belt conveyor



Step 1: Gearmotor may be re-oriented as shown. Remove gearmotor from factory-installed position and re-assemble as required.

Illustration References

Hex Shaft

A

- B Gearmotor Assembly
- C Side Mount Package Assembly
- D Drive Plate Mounting Screws (2) M6 x 35 mm, Socket Head
- E Access Plugs
- F Access Hole
- G "Mount Drive Motor This End" Sticker



Step 2: Locate the "Mount Drive Motor This End" sticker (G) and remove original factory-installed screws where indicated.

IMPORTANT: On 95 mm and wider conveyors, the hex broach is offset from center towards the drive side for hex shaft engagement.



Step 3: Align the drive assembly while sliding the protruding hex shaft (A) into conveyor drive pulley hex broach. Tighten the screws (D) with 9.9 Nm of torque.

NOTE: For future service parts ordering, please record part numbers in your conveyor manual.

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Cleated Belt Conveyor Mounting



Completed Side Mount Package Installed on Cleated Belt Conveyor, position "D" shown



WARNING

To prevent injury, make sure all electrical power sources have been disconnected and locked-out before you perform any assembly or adjustments. NEVER operate equipment without guards or other protective devices properly secured in place. In addition, keyway on conveyor drive shaft may be sharp! Exercise caution when mounting coupling.



Gearmotor and mounting package assembly with attaching hardware.





Illustration References

- A Square Key, 4 x 16 mm
- B Gearmotor Assembly
- C Side Mount Package Assembly
- D Drive Plate Mounting Screws
- (2) M6 x 35 mm, Socket Head
- E Access Plugs
- F Access Hole



Step 2: Locate drive output shaft and remove original factory-installed screws where indicated. Install square key (A) into conveyor drive shaft.



Step 3: Remove access hole plugs (E). Guide coupling onto outboard shaft. Tighten plate mounting screws (D) with 9.9 Nm of torque. Secure the coupling set screws using a 3 mm hex key wrench. (Wrench not included)

Step 4: Install access plugs (E).

NOTE: For future service parts ordering, please record part numbers in your conveyor manual.

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