

5PY Adapter for 2-1/2" Encoders

- Kits include mounting plate and hardware
- Makes servo mount 2.5" or 60A encoders interchangeable with 5PY DC tach generators.



Encoder not included

APPLICATION/INDUSTRY

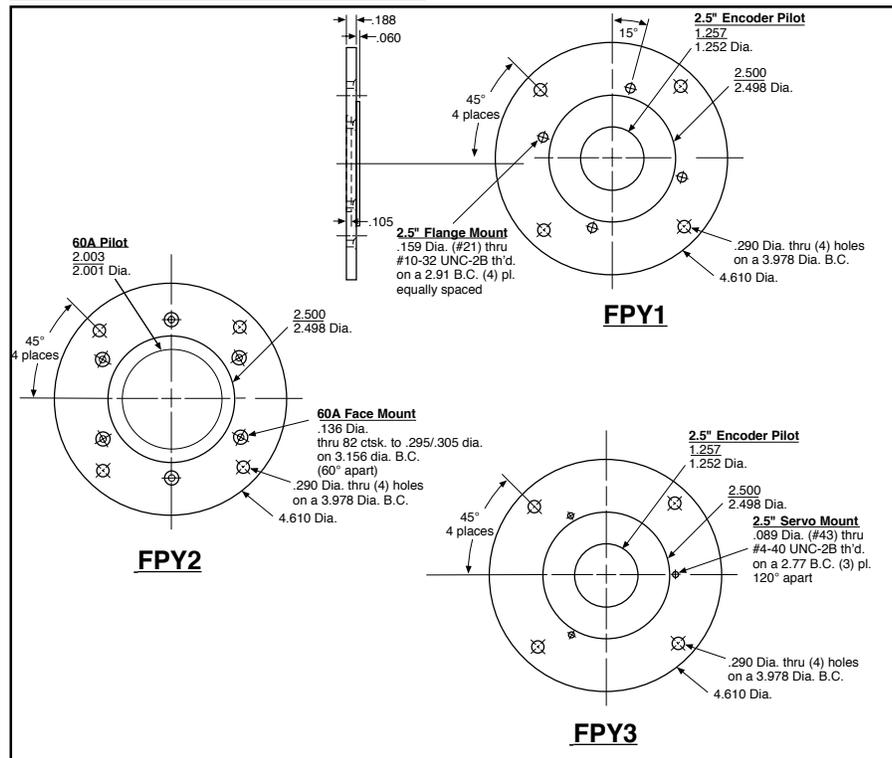
Makes servo mount 2.5" or 60A encoders interchangeable with 5PY DC tach generators.

DESCRIPTION

For Series 60A and Series H42, H25 and A25 Encoders (coupling may be needed to match shaft size). Use with bidirectional encoder and FV2, Frequency/Voltage Converter to replace DC tach generators with brushless technology.

SPECIFICATIONS

DIMENSIONS



ACCESSORIES

Compatible Encoders

The adapter may be used with the listed series encoders having the specified mounting configurations.

Encoder Series	Mounting Configuration	Figure
5PY1		
H42	2.5" Flange	2
H25	2.5" Flange	2
AI25	2.5" Flange	2
HA725	2.5" Flange	2
5PY2		
60C	All	1
5PY3		
H25	2.5" Servo	3

Ordering Information

Model No.	Description
5PY1	5PY Adapter Kit for 2.5" flange encoders
5PY2	5PY Adapter Kit for 60A Rotopulers
5PY3	5PY Adapter Kit for 2.5" servo encoders

INSTALLATION

Figure 1

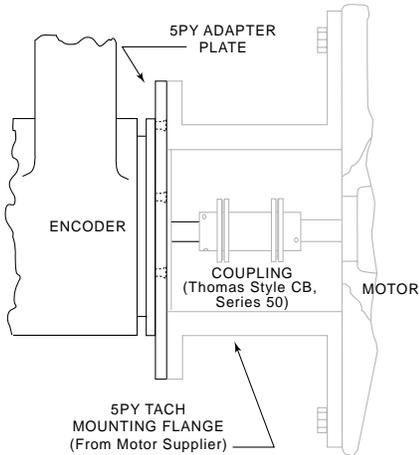


Figure 2

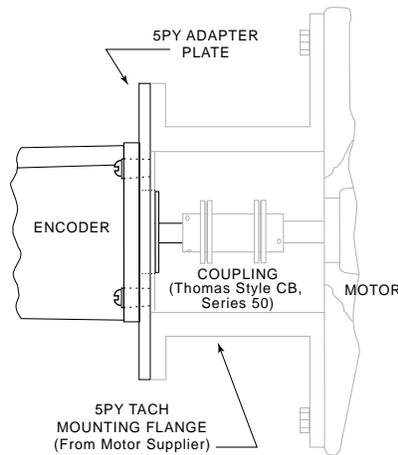
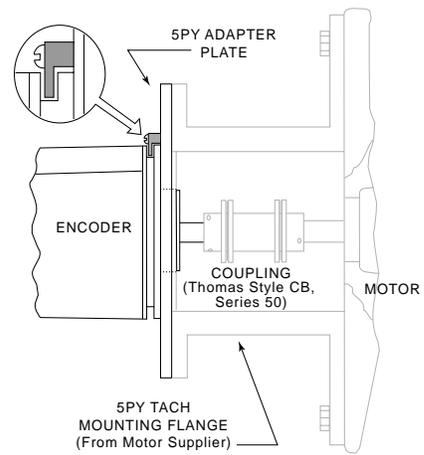


Figure 3



Procedure

60A Series Installation

- 1) Mount encoder pilot through hole in plate.
- 2) Align holes in face of encoder with counter-bored holes in plate. Secure with (6) #5-40 x 5/16" hex-socket-flat-head machine screws.
- 3) Loosen setscrews or clamps at coupling ends. Slide coupling onto motor shaft and tighten.
- 4) Mount assembly to motor tach mounting flange while inserting encoder shaft into coupling.
- 5) Tighten coupling to encoder shaft.

Procedure

Flange Mount Encoder Installation

- 1) Mount encoder pilot through hole in plate.
- 2) Align (4) holes in flange of encoder with holes in plate. Secure with (4) #10-32 x 1/2" pan-head-Philips machine screws with #10 split lock washers.
- 3) Loosen setscrews or clamps at coupling ends. Slide coupling onto motor shaft and tighten.
- 4) Mount assembly to motor tach mounting flange while inserting encoder shaft into coupling.
- 5) Tighten coupling to encoder shaft.

Procedure

2.5" Servo Mount Encoders

- 1) Loosen setscrews or clamps at coupling ends. Slide coupling onto motor shaft and tighten.
- 2) Install (3) mounting cleats (servo clips) loosely to bracket using pan head machine screws and split lock washers (included).
- 3) Place encoders pilot through center hole of bracket. Seat male pilot.
- 4) Rotate cleats until they fully engage servo ring groove and tighten.
- 5) Mount assembly to motor tach mounting flange while inserting encoder shaft into coupling.
- 6) Tighten coupling to encoder shaft.
- 7) Optional: If encoder has marker index pulse, loosen servo-clip screws, rotate encoder housing to desired position. Tighten screws.

INCREMENTALS