COMPONENT
BULLETIN SB-2301

Pneumatic Position Transmitter

APPLICATIONS:

Fuel rack position transmitter for diesel engines

Mechanisms that require a pneumatic position transmitter

FEATURES:

Precise

Extremely accurate and repeatable pressure control.

Rugged Construction

Built for dependable operation in harsh environments. Withstands severe vibrations.

Corrosion Resistant

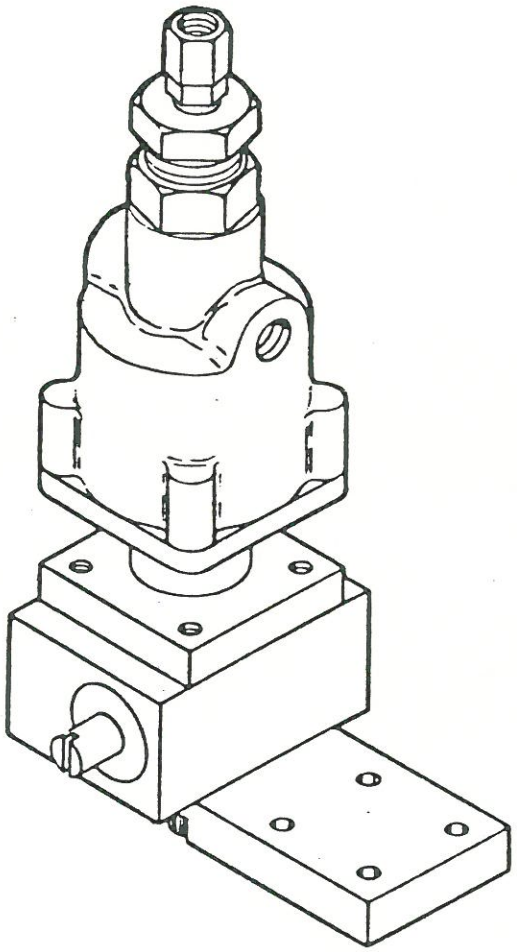
Built with materials that are compatible with the hostile marine environment.

Low Torque

Requires only 0.8 N.m (7 lb.in) for 700 kPa (100 psi) output pressure.

Versatillity

Modular construction allows many configurations. Can be mounted in any orientation.



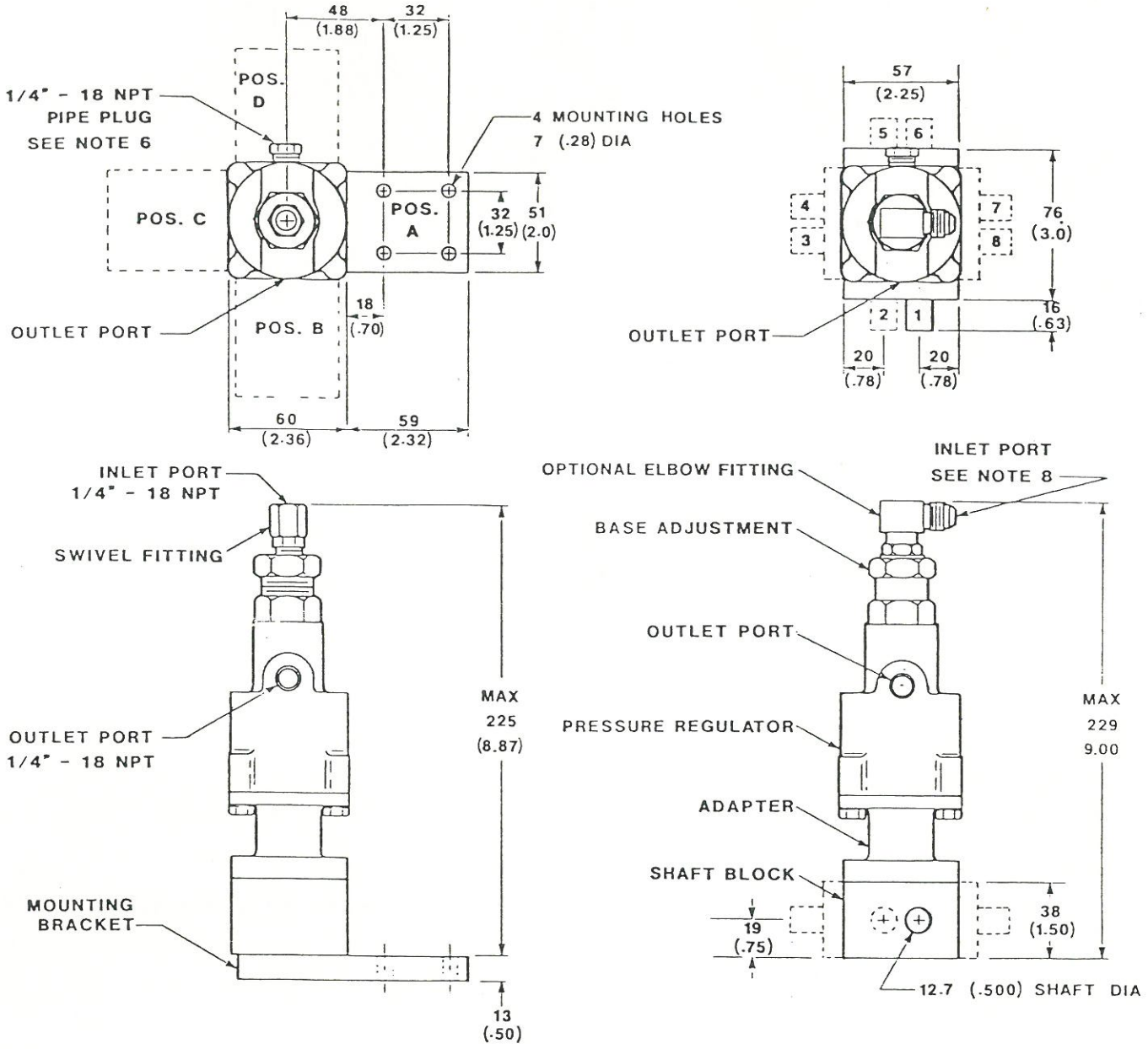
PRIME MOVER CONTROLS INC.

VANCOUVER, BC, CANADA

DESIGN MANUFACTURE AND SERVICE OF MARINE AND INDUSTRIAL CONTROL COMPONENTS AND SYSTEMS

Electronic - Pneumatic - Hydraulic - Mechanical

OUTLINE DIMENSIONS FOR 2301 PNEUMATIC POSITION TRANSMITTER



NOTES:

1. All dimensions are in $\frac{\text{mm}}{\text{(inches)}}$
2. The mounting Bracket can be assembled in four positions relative to the regulator output port (A, B, C & D).
3. The shaft block can be assembled in eight positions relative to the regulator outlet port. This provides eight input shaft positions (1 - 8)
4. For positions 1, 3, 5 & 7, the input shaft rotates clockwise to increase pressure. For positions 2, 4, 6 & 8, the input shaft rotates counterclockwise
5. On configurations where mounting bracket and input shaft extend on the same side, lever placement and travel are limited.
6. If an additional output port is required, remove plug from regulator housing.
7. Approximate torque required for 700 kPa (100 psi) is 0.8 N·m (7 lb·in).
8. An optional elbow fitting for inlet port is available with 1/4", 5/16" or 3/8" 37° flare fitting.

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