Flange Dimensions Per SAE and ISO Specifications:

Provides a wide variety of installation opportunities for global machine design.

External Features and Benefits:

- Unique, Compact Envelope Design:
  - Reduces noise.
  - Systems require less support structure and materials.
  - Improves safety, reduces productivity and lowers costs.

- Port Orientation — Side or End:
  - Provides flexibility on plumbing and helps fit the pump to your machine space needs.

- Standard Adjustable Maximum Stop:
  - Provides means of tuning flow to your system. Optional on some competitive pumps.

- Gauge Ports on Inlet and Outlet:
  - System diagnostics are made easy.
  - Reduces number of special connectors.

- Multiple Drain Ports:
  - Allows many mounting orientations as standard (including shaft-up), reducing installed costs.

M Series Model Code Selection:

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- CONTROL OPTING
  - D - None
  - A - Pressure Compensator
  - B - Pressure and Flow Compensator with Bleed Orifice
  - C - Pressure and Flow Compensator with Plugged Orifice
  - E - Industrial Control (only through 140 bar only)

- PRESSURE COMPENSATOR SETTING
  - D - None
  - 07 - 70 bar Adjustable between 40 bar and 130 bar
  - 23 - 230 bar Adjustable between 130 bar and 320 bar
  - 28 - 280 bar Adjustable between 130 bar and 320 bar

- COMPENSATOR SPECIAL FEATURES
  - D - None
  - A - Auxiliary Mounting Pad
  - 0 - Face (Auxiliary mounting available on all frame sizes)

For complete model codes and information see catalog number V-PP-MC-0004-E.
As system performance demands trend toward higher pressure, Eaton's new M Series pumps are prepared to meet your needs. These compact pumps provide a rugged alternative when higher power demands are encountered. Eaton's M Series pump cover medium pressure industrial equipment applications. Like other Eaton pumps, the M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.

**The Right Pump for the Right Application.**

With the new M Series Axial Piston Pump, Eaton now offers a selection of displacements to provide your design flexibility. Eaton's M Series provides a large offering of flows at industrial pressures, with the low to medium pressure range of 141 cm³ (8.60 in³) to 057 cm³ (3.50 in³) metric design, as well as a level of quietness that exceeds today's demanding customer satisfaction.

**Quiet Operation.**

Eaton M Series pumps operate in a pump that requires little fluid-borne noise, resulting in a pump needs. Eaton's M Series is the solution to many applications from 18 cm³ (0.1 in³) to 141 cm³ (8.60 in³) offering of flows at industrial pressures. Eaton now offers a selection of displacements to meet your needs. These compact pumps provide a rugged alternative when higher power demands are encountered. Eaton's M Series pump cover medium pressure industrial equipment applications. Like other Eaton pumps, the M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.

**High Performance, Medium Pressure, Quiet Operation.**

The Eaton tradition of full language pumps is continued with the introduction of the Eaton M Series. Both SAE and ISO mounting versions are provided. Ports in both English and metric designs are standard. Eaton's M Series is the solution to many applications providing long life and performance. Replaceable wear surfaces ensure that a maintenance overhaul is done quickly and less expensively than by the purchase of a new pump. Eaton's M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.

**Built for Long Life.**

Stiff yoke reduces deflection and operating stresses for improved life. Eaton's M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.

**Internal Features and Benefits.**

- **Lightweight and High Performance.** Eaton's M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.
- **Operational Costs.** Eaton's M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.
- **Lower Installed and Operating Costs.** Eaton's M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.
- **High Performance.** Eaton's M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.
- **Medium Pressure.** Eaton's M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.
- **Quiet Operation.** Eaton's M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.
- **Built for Long Life.** Eaton's M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.
- **Strong, Precision, Rotating Group Assembly.** Eaton's M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.

**Three Piece Pump Envelope - Design is Stiffer and incorporates features that reduce structure-borne noise. Pumps are quieter.**

**Built-in Coolant.** Eaton's M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.

**Saddle-Type Yoke with Steel Backed Polymer Bearings: ** Eaton's M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.

**Noise Level and Benefits.** Eaton's M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.

**Operational Costs.** Eaton's M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.

**Performance.** Eaton's M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.

**Medium Pressure.** Eaton's M Series incorporates proven engineering design, as well as quality manufacturing techniques and operating features.