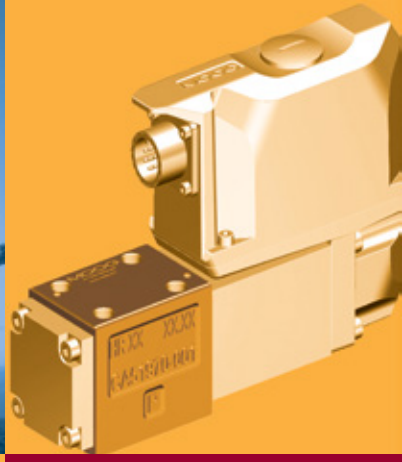
MOOG'S D936 SERVO-PROPORTIONAL VALVE SERIES WITH INTEGRATED ELECTRONICS

Offering less machine downtime and improved production performance





Moog is a world leader in valve technology and has produced over a million servo and proportional valves since 1950. Based on over sixty years' experience of developing the valve concept to perfection, our team of over 100 dedicated valve engineers has consistently delivered state-of-the-art technology to create products that offer our customers optimum cost and performance.

Easy Installation and Like for Like Exchangeability

To enhance its industrial portfolio Moog is now offering an additional valve series, the D936 Series Servo Proportional Valve with Integrated Electronics that will make machine manufacturers look closely at the advantages Moog can offer their applications. The D936 provides application builders and end users with a product offering high resistance against thermal stress. The valve increases the operational life of manufacturing applications and reduces machine downtimes.

Our latest design uncouples the electronics from its housing via a rubber frame, and the heavy components are glued onto the PCB to ensure they are reliable even under heavy use. As an exact replacement for other valves available on the market, Moog's D936 Series can act as a real alternative to traditional supplier products and with no risk, a reduced engineering effort and few if any changes required for industrial machines. It offers a failsafe position, and a quality system designed for global excellence making this product best-in-class in terms of quality, delivery and support.

ADVANTAGES

- Vibration resistance (30g, 3 axes)
- Rated flow @ 70 bar (1,000 psi) l/min (gpm)
  4, 8, 12, 15, 20, 24, 25, 40
  (1, 2, 3, 4, 5.3, 6.4, 6.6, 10.6)
- Maximum pressure at T port of 350 bar (5,000 psi)
- The capability to withstand temperatures ranging from -20 to +80 °C
- A fourth spool position offering a failsafe option

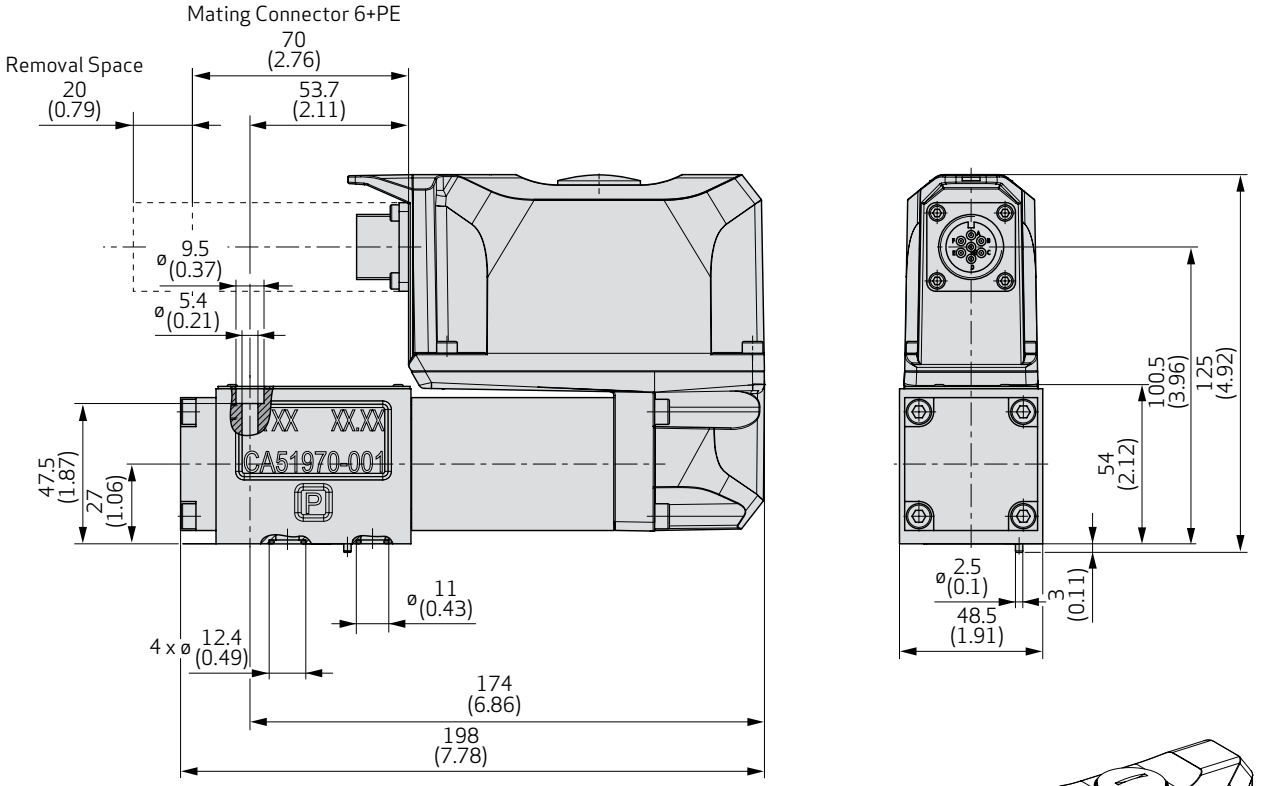


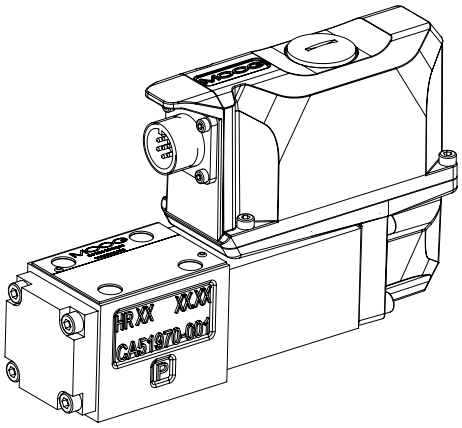
SPECIFICATIONS

TECHNICAL DATA

Rated flow at 35 bar pressure drop [l/min (gpm)]	4 to 40 (1 to 10.6)
Rated pressure [bar (psi)]	350 (5,000)
Bushing / spool type	null cut, linear null cut, dual gain null cut, progressive null cut, linear, A:B = 2:1 null cut, dual gain, A:B = 2:1
Seal material	HNBR FKM (Viton)
Set point and actual value signals	set point +/-10 V, actual value +/-10 V set point 4…20 mA, actual value 4…20 mA set point +/-10 mA, actual value 4…20 mA
Mounting pattern	ISO 4401-03-03-0-05 (with or without leakage port Y)
Failsafe position	4th position blocked A/B-T PB+AT

INSTALLATION DRAWINGS





Moog has offices around the world. For more information or the office nearest you, contact us online.

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www.moog.com/industrial

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Servo-Proportional Valve Series D936
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This technical data is based on current available information and is subject to change at any time. Specifications for specific systems or applications may vary.

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