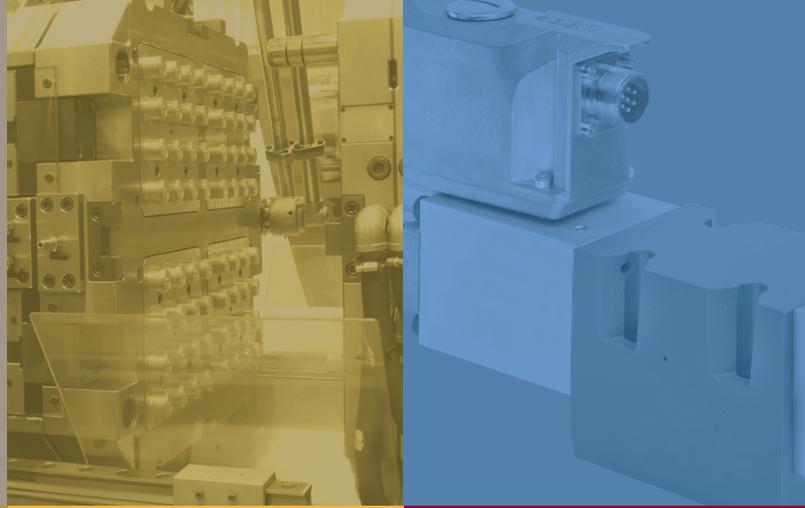


MOOG'S D937 SERVO-PROPORTIONAL VALVE SERIES WITH INTEGRATED ELECTRONICS

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 seventy years of experience 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

In addition to the recently released D936 Servo-Proportional Valve series, Moog is now adding an additional valve size to its industrial product portfolio. The D937 Servo-Proportional Valves are ISO 4401 size 05 valves with integrated electronics and include many highly requested standard features.

With long operational life capabilities, high resistance to thermal stress, and a robust vibration resistant design, the D937 Series Valves are expected to be in high demand. Our latest design uncouples the electronics from its housing 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 D937 Series Valves can act as a real alternative to traditional supplier products. It offers a failsafe position and a quality system designed for global excellence, making this product best-in-class in terms of reliability, quality, delivery and support.

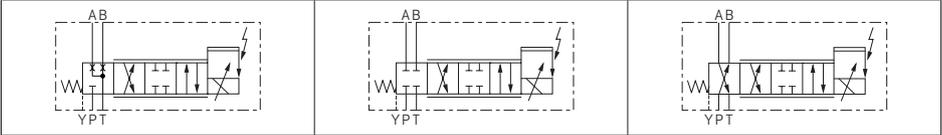
ADVANTAGES

- Compact and robust design
- Rated flow at 70 bar (1,000 psi) 50 or 100 l/min (13.2 or 26.4 gpm)
- The capability to withstand fluid temperatures ranging from -20 to +80 °C
- A fourth spool position offering a failsafe option
- Replacement of competitive products

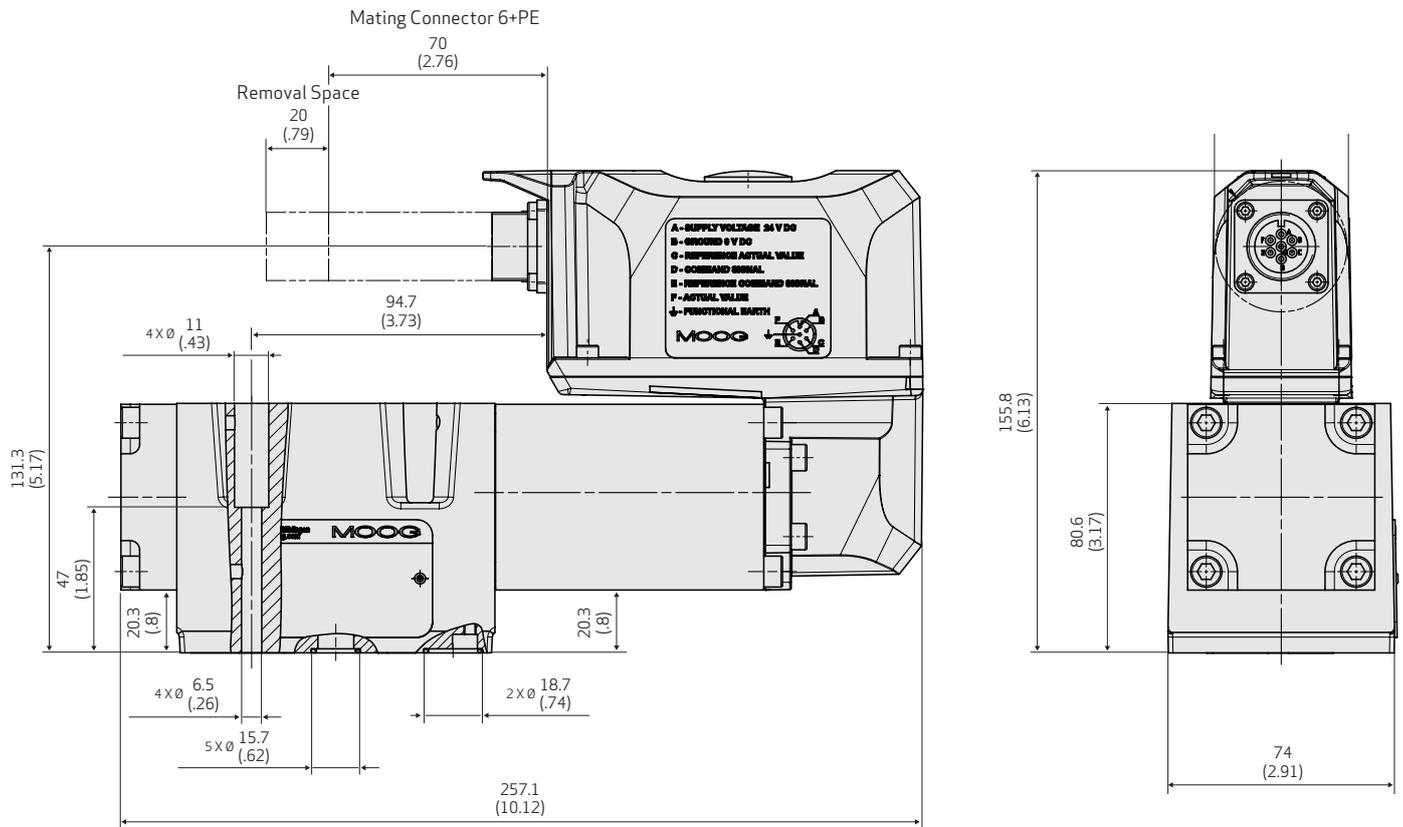


SPECIFICATIONS

TECHNICAL DATA

Rated flow at 35 bar pressure drop per land [l/min (gpm)]	50 or 100 (13.2 or 26.4)	
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 4401-05-05-0-05	
Failsafe options		
	Failsafe option 1	Failsafe option 2
		Failsafe option F

INSTALLATION DRAWINGS



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Servo-Proportional Valve Series D937
SMM/Rev. -, March 2022, Id. CDL65683-en

This technical data is based on current available information and is subject to change at any time by Moog. Specification for specific systems or applications may vary.

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