

MOOG'S D926 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.

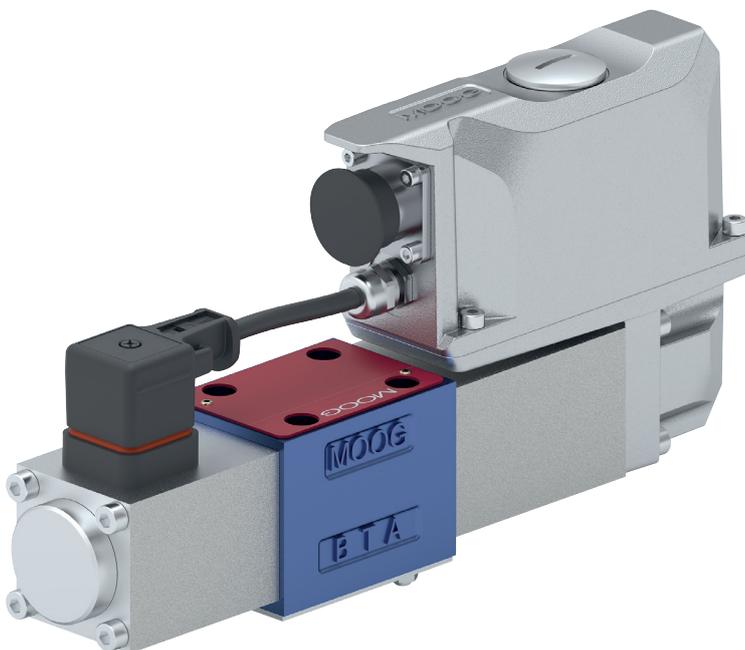
Proven Technology inside a Ruggedized Design for the Ultimate in Flexibility and Durability

To compliment the Moog D936 Series Servo Proportional Valve, the D926 Proportional Valve with Integrated Electronics provides an additional option for machine manufacturers and end users to consider for their applications. The D926 Series of valves provide a robust array of standard features in a cost effective package built to deliver long service life for reduced machine downtime.

Due to its proportional valve design, the D926 Series offers higher flow rates compared to the Servo Proportional D936 Valve Series, reaching up to 32 l/min at 10 bar pressure drop. Offering different spool overlap options, the deenergized center position of the spool can either block cylinder movements or unload the cylinder pressure based on preferred operation.

ADVANTAGES

- Proportional valve design with rated flows up to 32 l/min at 10 bar (8.5 gpm at 150 psi)
- Ruggedized design for high temperature and vibration resistance
- Various overlaps for different control functions and failsafe functionalities
- Direct functional replacement of competitive products

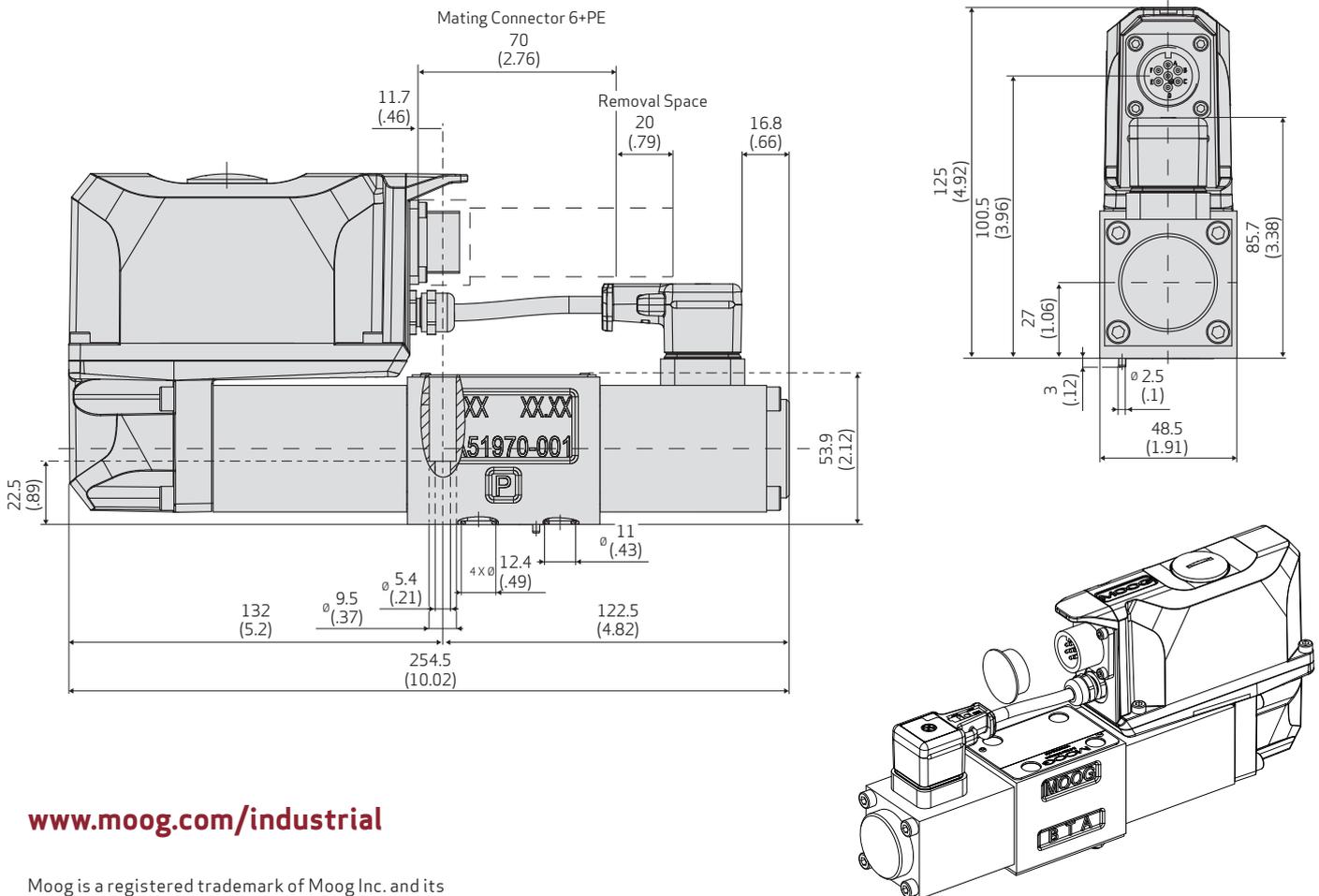


SPECIFICATIONS

TECHNICAL DATA

Rated flow at 5 bar pressure drop per land [l/min (gpm)]	4 to 32 (1 to 8.5)
Rated pressure [bar (psi)]	350 (5,000)
Spool type	<+/-3% overlap, progressive <+/-3% overlap, progressive, A:B = 2:1 +/-15% overlap, progressive <+/-15% overlap, progressive, A:B = 2:1 P→A, P→B: +15% overlap, A→T, B→T: -12% underlap, progressive P→A, P→B: +15% overlap, A→T, B→T: -12% underlap, progressive, A:B = 2:1 4/2-way operation P→B and A→T, +15% overlap 4/2-way operation P→B and A→T, P→B: +15% overlap, A→T: -12% underlap
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	Spool in center position

INSTALLATION DRAWINGS



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Proportional Valve Series D926
SMM/Rev. -, August 2021, Id. CDL64351-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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