

D936/D937 SERVO PROPORTIONAL VALVE WITH INTEGRATED ELECTRONICS

Less downtime and improved performance



Designed for the Wood Products Industry

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 as a Direct Exchange

With long operational life capabilities, high resistance to thermal stress, and a robust vibration resistant design, the D936 and D937 Series Valves are designed to meet your needs. 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 D936 and 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.



D936

ADVANTAGES

- Vibration resistance (30g, 3 axes)
- Rated flow at 1,000 psi: 1, 2, 3, 4, 5.3, 6.4, 6.6, 10.6 gpm (4, 8, 12, 15, 20, 24, 25, 40 lpm @ 70 bar)
- Maximum pressure at T port, when Y port is connected of 5,000 psi (350 bar)
- The capability to withstand fluid temperatures ranging from -4 to 176 °F (-20 to 80 C)
- A fourth spool position failsafe option
- Direct replacement of competitive products



D937

ADVANTAGES

- Compact and robust design
- Rated flow of 13.2 or 26.4 gpm at 1,000 psi (50 or 100 lpm at 70 bar)
- The capability to withstand fluid temperatures ranging from -4 to 176 °F (-20 to 80 C)
- A fourth spool position failsafe option
- Direct replacement of competitive products

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SERVO PROPORTIONAL VALVES FOR WOOD PRODUCTS INDUSTRY

WOOD PRODUCTS APPLICATIONS

- Curve Saw
- Guides - Band Saw
- Planers
- Log Milling
- Edger
- Infeed/Outfeed Tables
- Profiler
- Trimmer (w/ Fence)
- Flying Saw
- Log Merchandisers
- Set Works
- Veneer Clippers and Lathes

VALVE CROSS REFERENCE TABLE

Bosch Rexroth Model Number	Bosch Rexroth Type Code	ATOS Type Code	Moog Model Number
0811404600 R901382345 R901462156	4WRPEH 6 C3 B04L-2X/G24K0/A1M 4WRPEH 6 C3 B04L-3X/M/24A1 4WRPEH 6 C3 B04L-3X/M/24L1	DLHZO-TEB-SN-NP-040-L03/xxx/ DLHZO-TEB-SN-NP-040-L03/xxx/BT	D936-0009
0811404610 R901382317 R901551722	4WRPEH 6 C4 B04L-2X/G24K0/A1M 4WRPEH 6 C4 B04L-3X/M/24A1 4WRPEH 6 C4 B04L-3X/M/24L1	DLHZO-TEB-SN-NP-040-L01/xxx/ DLHZO-TEB-SN-NP-040-L01/xxx/BT	D936-0010
0811404355 R901381804 R901462154	4WRPEH 6 C B24L-2X/G24K0/A1M 4WRPEH 6 C4 B24L-3X/M/24A1 4WRPEH 6 C4 B24L-3X/M/24L1		D936-0011
0811404601 R901349897 R901382312 R901497949 R901555067	4WRPEH 6 C3 B12L-2X/G24K0/A1M 4WRPEH 6 C3 B12L-2X=G24K0/A1M=00 4WRPEH 6 C3 B12L-3X/M/24A1 4WRPEH 6 C3 B12L-3X/M/D24A1 4WRPEH 6 C3 B12L-3X/M/24L1		D936-0013
0811404611 R901382318 R901462158	4WRPEH 6 C4 B12L-2X/G24K0/A1M 4WRPEH 6 C4 B12L-3X/M/24A1 4WRPEH 6 C4 B12L-3X/M/24L1		D936-0014
0811404612 R901382346 R901502058	4WRPEH 6 C4 B24L-2X/G24K0/A1M 4WRPEH 6 C4 B24L-3X/M/24A1 4WRPEH 6 C4 B24L-3X/M/24L1	DLHZO-TEB-SN-NP-040-L51/xxx/ DLHZO-TEB-SN-NP-040-L51/xxx/BT	D936-0020
0811404603 R901382315 R901487525 R901506412 R901509807 R901533767	4WRPEH 6 C3 B40L-2X/G24K0/A1M 4WRPEH 6 C3 B40L-3X/M/24A1 4WRPEH 6 C3 B40L-3X/M/24A1-967 4WRPEH 6 C3 B40L-3X/M/D24A1-967 4WRPEH 6 C3 B40L-3X/M/24L1 4WRPEH 6 C3 B40L-3X/M/24A1=KM	DLHZO-TEB-SN-NP-040-L53/xxx/ DLHZO-TEB-SN-NP-040-L53/xxx/BT	D936-0023
0811404613 R901382319 R901467112	4WRPEH 6 C4 B40L-2X/G24K0/A1M 4WRPEH 6 C4 B40L-3X/M/24A1 4WRPEH 6 C4 B40L-3X/M/D24A1	DLHZO-TEB-SN-NP-040-L51/xxx/ DLHZO-TEB-SN-NP-040-L51/xxx/BT	D936-0024
0811404801	4WRPEH 10 C3 B100L-2X/G24K0/A1M		D937-0001
0811404803 0811404061 0811404069	4WRPEH 10 C4 B100L-2X/G24K0/A1M 4WRPH 10 C4 B100L-2X/G24Z4/M 4WRPH 10 C4 B100L-2X/G24K0/M-750		D937-0003

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

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