

Features

- **Modular Base:** quick and easy replacement of the valve.
- **BSP and NPT Bases:** work with all valve modules.
- **Voltages available:** 24V DC, 110V AC, 230V AC, 50/60 Hz, as standard, other available on request.
- **Integrated coil protection:** thermal safety system limits the temperature at 100° C (212 ° F) to avoid damages to the coil.

Advantages

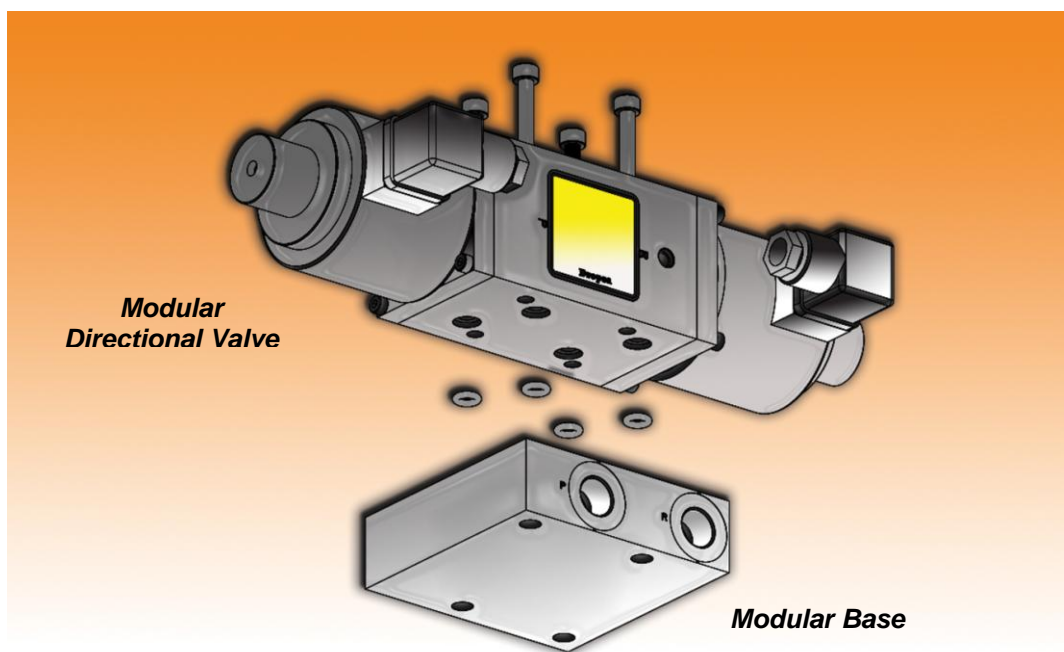
- **Modular base:** means fast maintenance, minimum downtime and less contamination.
- **Solenoid operation:** no air required.

Applications

- **Dual Line:** inversion of Dual line systems.
- **Progressive and zoned systems:** by plugging port 1 or 2. The valve can be used for zone complex circuits.
- **Grease applications:** particularly suited for grease, it can be applied to any circuit requiring a 4/2 valve.

Modular Directional Valve (4/2)

A modular solenoid operated directional valve for oil and grease in Dual Line and hydraulic systems for pressure up to 400 bar (5880 psi)



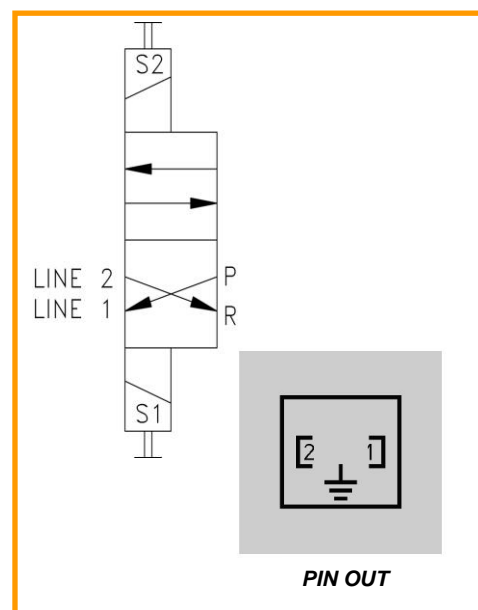
MODULAR BASE, THE INNOVATIVE SOLUTION

The Modular Directional Valve (4/2) is a completely new valve which has been designed to satisfy a wide range of requirements.

The key feature is the Modular base which has all hydraulic connections.

This means fast and easy replacement in the field without disturbing pipework and minimizing downtime. Untouched pipework avoids the risk of contaminating circuit.

MODULAR DIRECTIONAL VALVE



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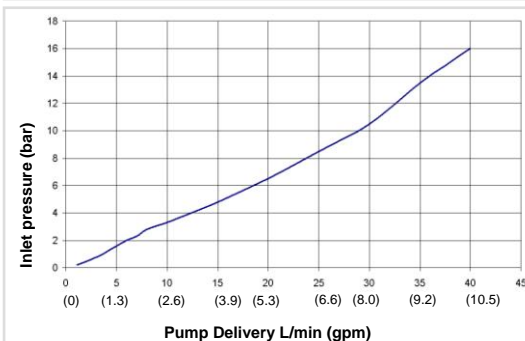
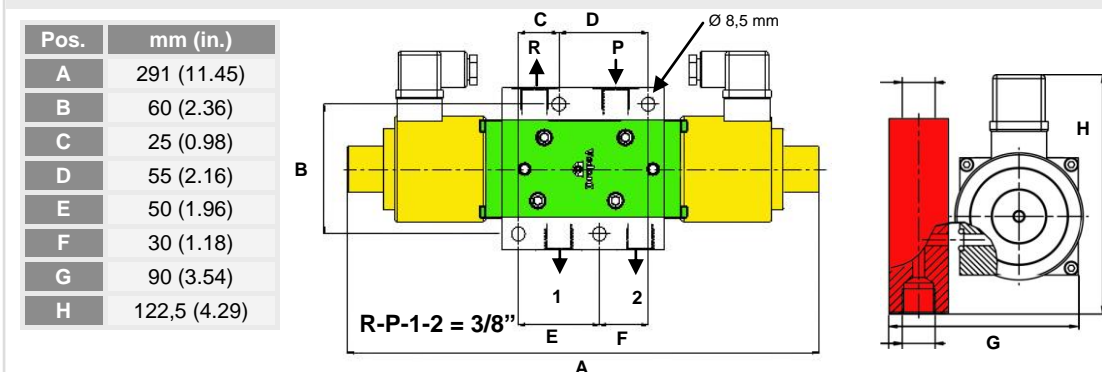
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Technical Information

TECHNICAL CHARACTERISTICS

Max. delivery (Oil 100 cSt)	40L/min. (10.56 GPM)	Voltage	24V DC
Manual override force requirement	14 kg@400 bar		110V AC, 230V AC,- 50/60 Hz (Other voltages available on request)
Max. operating pressure	400 bar (5880 psi)	Power absorption for electromagnet coil	See Spare parts table below
Lubricant	Oil min. 32 cSt max. 1000 cSt Grease max. NLGI 2	Working temperature	-30° C ÷ + 50° C (-22° ÷ +122° F)
Port (R – P – 1 – 2)	3/8" BSP or NPT	Humidity	90°
Protection Grade	IP-55	Weight	8 Kg (17,63 lb)

DIMENSIONS



PERFORMANCE PRESSURE VS. FLOW OIL 100 cST

■ Pressure P (bar) (P->1) & (P->2)

Ordering Information

CHOOSE YOUR ...

STEP 1. MODULAR DIRECTIONAL VALVE (BASE NOT INCLUDED)

Valve & Coil Part No.	Description
083420	24V DC
083421	110V AC 50/60 Hz
083422	230V AC 50/60 Hz

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STEP 2. MODULAR BASE

Modular Base Part No.	Description
3072599	3/8" BSP porting
3072606	3/8" NPT porting

SPARE PARTS

Part No.	Description	Current (A)	Power Absorption (W)
3150011	Solenoid 24V DC	7	170
3150012	Solenoid 110V AC 50/60 Hz	2	206
3150013	Solenoid 230V AC 50/60 Hz	1	176
3133262	Seal Kit	--	--

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