

CHARACTERISTICS

- **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

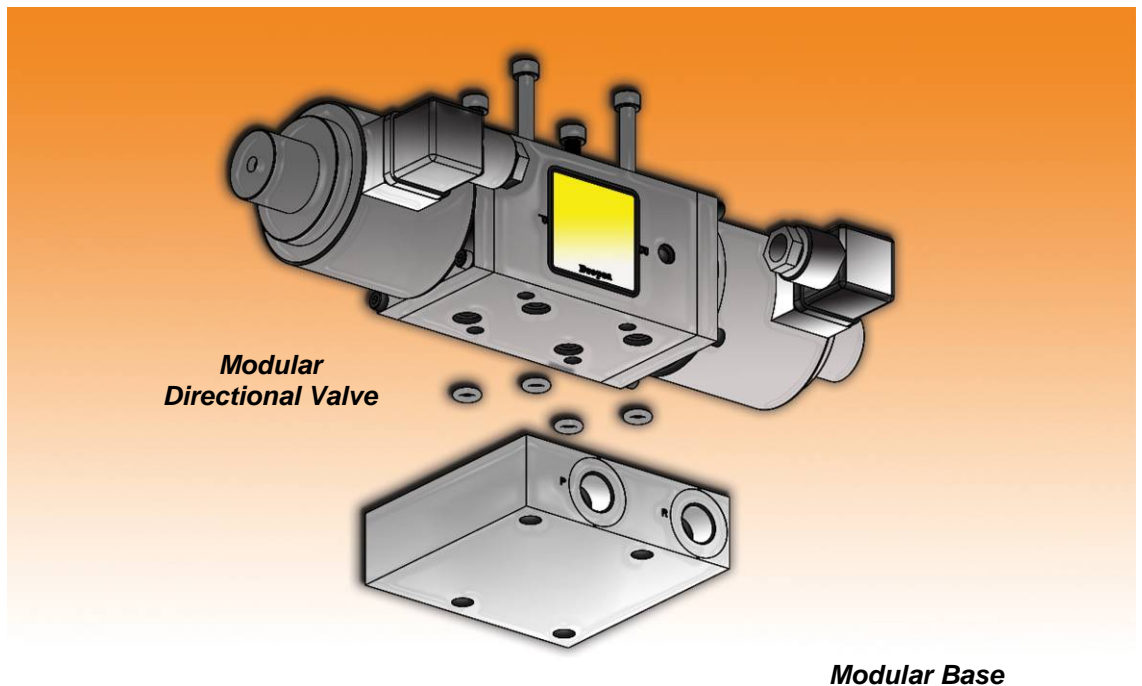
- **Modular base:** means fast maintenance, minimum downtime and less contamination.
- **Solenoid operation:** no air required.

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)



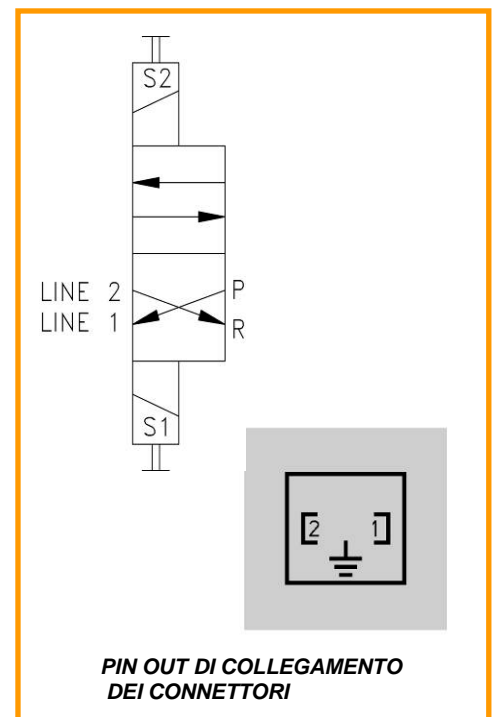
MODULAR BASE, THE INNOVATIVE SOLUTION

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

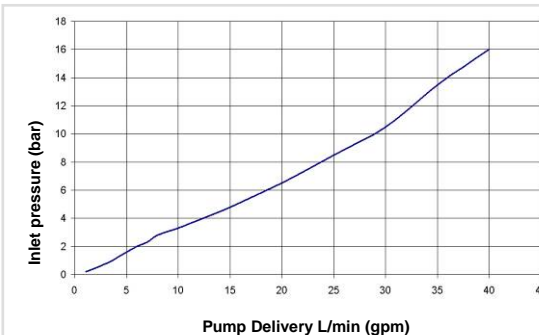
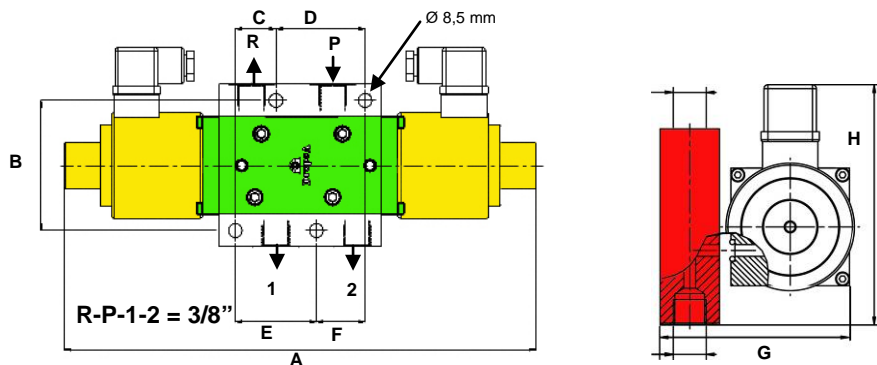


TECHNICAL INFORMATION

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

DIMENSIONS

Pos.	mm (in.)
A	291 (11.45)
B	60 (2.36)
C	25 (0.98)
D	55 (2.16)
E	50 (1.96)
F	30 (1.18)
G	90 (3.54)
H	122,5 (4.29)



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

STEP 2. MODULAR BASE

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

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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		
3234316	Solenoid cap		
3190553	OR fixing cap		
3230152	Solenoid connector screw		

sales@dropsa.com
www.dropsa.com

ITALIA
Dropsa SpA
t. +39 02-250791
f. +39 02-25079767
U.S.A.
Dropsa Corporation
t. +1 586-566-1540
f. +1 586-566-1541

U.K.
Dropsa (UK) Ltd
t. +44 (0)1784-431177
f. +44 (0)1784-438598
AUSTRALIA
Dropsa Australia Ltd.
t. +61 (02)-9938-6644
f. +61 (02)-9938-6611

GERMANY
Dropsa GmbH
t. +49 (0)211-394-011
f. +49 (0)211-394-013
BRAZIL
Dropsa do Brazil
t. +55 (0)11-563-10007
f. +55 (0)11-563-19408

FRANCE
Dropsa Ame
t. +33 (0)1-3993-0033
f. +33 (0)1-3986-2636
CHINA
Dropsa Lubrication Systems (Shanghai) Co., Ltd
t. +86 (021) 67740275
f. +86 (021) 67740205