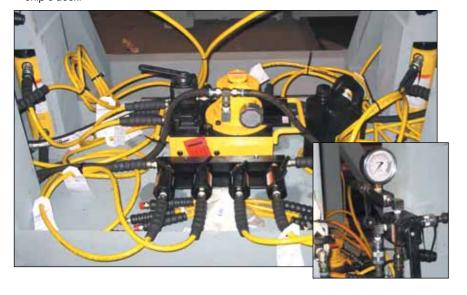
4-Way Directional Control Valves



▼ Shown from left to right: VM43, VE43, VC-20L



- User adjustable relief valves on VM- and VE-Series allow the operator to easily set the working pressure for each application
- All VM- and VE-Series valves feature several gauge ports for "system", A and B port pressure monitoring
- All valves (except VC-Series) include manifold with builtin "System Check" feature, for more precise pressure holding and improved system control
- · Manual or solenoid operation
- ▼ In a fine control 120 ton hydraulic system for lifting a string of anchors in a subsea pipeline project, the VC-4 remote valve provides safety shutdown capacity on the ship's deck.



For Double-Acting Cylinder Control



Valving Help

See Basic System Set-Up and Valve Information in our 'Yellow Pages'

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User Adjustable Relief Valve

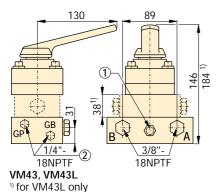
All VM- and VE-Series have a user adjustable relief valve to allow the operator to

easily set the optimum working pressure.

Valve Operation	Valve Location	Valve Type		
Manual	Pump Mounted	4-way, 3-position, Tandem Center		
Manual	Pump Mounted	4-way, 3-position, Tandem Center, Locking		
Manual	Remote Mounted	4-way, 3-position, Tandem Center,		
Manual	Remote Mounted	4-way, 3-position, Tandem Center, Locking 1)		
Manual	Remote Mounted	4-way, 3-position, Closed Center		
Manual	Remote Mounted	4-way, 3-position, Closed Center, Locking 1)		
Solenoid Pump 24 VDC Mounted		4-way, 3-position, Tandem Center		

¹⁾ with pilot-operated check valves.

4-Way Directional Control Valves



- ① adjustable relief valve
- ② auxiliary ports

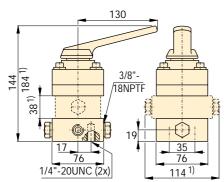
VC VE VM **Series**

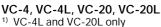


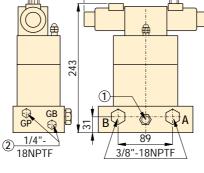
Flow Capacity: 17 I/min

Maximum Operating Pressure:

700 bar







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VE43

	Model Hydraulic		Schematic Flowpath			1
	Number	Symbol	Advance	Hold	Retract	(kg)
	VM43	P A A	P	P	P	3,1
	VM43L	P A A	P B	P T B	P	4,9
	VC-4 ²⁾	A B P T	A 1	A.	A♣	2,9
VC	VC-4L ²⁾	A B P P T	P B	P B	P B T	4,7
	VC-20 ²⁾	A B P T P T	P B T	P B T	P	2,9
	VC-20L ²⁾					4,7
	VE43	P A A B	B C A T P	B FA T P	B EA T P	9,3





Fittings

For additional fittings see the fitting page of the System Components section.

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Locking Valves

For applications requiring positive load holding, VMand VC-Series valves are available with a pilot-

operated check valve. This provides hydraulic locking of the load until the valve is shifted into the retract position. To order this feature, place an "L" at the end of the model number.



Pendants for VE-Series **Solenoid Valves**

When ordering Enerpac VE-Series solenoid valve, the pendant must be ordered

separately. Pendant connection to be plugged into electric box of pump.

To be used with solenoid valve:	Pendant Model Nr.
VE43	ZCP-3