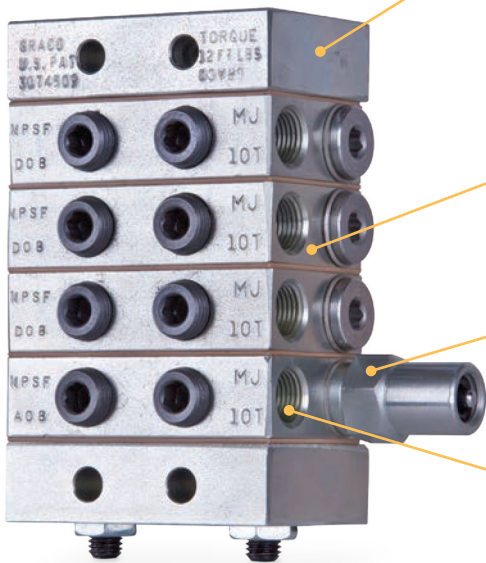


Trabon® MJ Divider Valve

Compact Yet Configurable

The Trabon MJ series features a compact and easily customizable design that can be tailor fit to meet a variety of specific lube requirements. Capable of handling grease grades up to NLGI #1.



Easily Accessorized

Can be easily accessorized with cycle and performance indicators to provide positive assurance of a successful lube event.

Space Efficient

From 6 to 16 points from one block assembly.

Built-In Outlet Check Valves

Ensure accurate lube delivery, every time.

Output Options

Three different piston sizes, each offered as S (single) or T (twin) outlet valves, allow a variety of ratios without increasing the size of the valve assembly.

Typical Applications

- Machine tools
- Textile, glass and can machinery

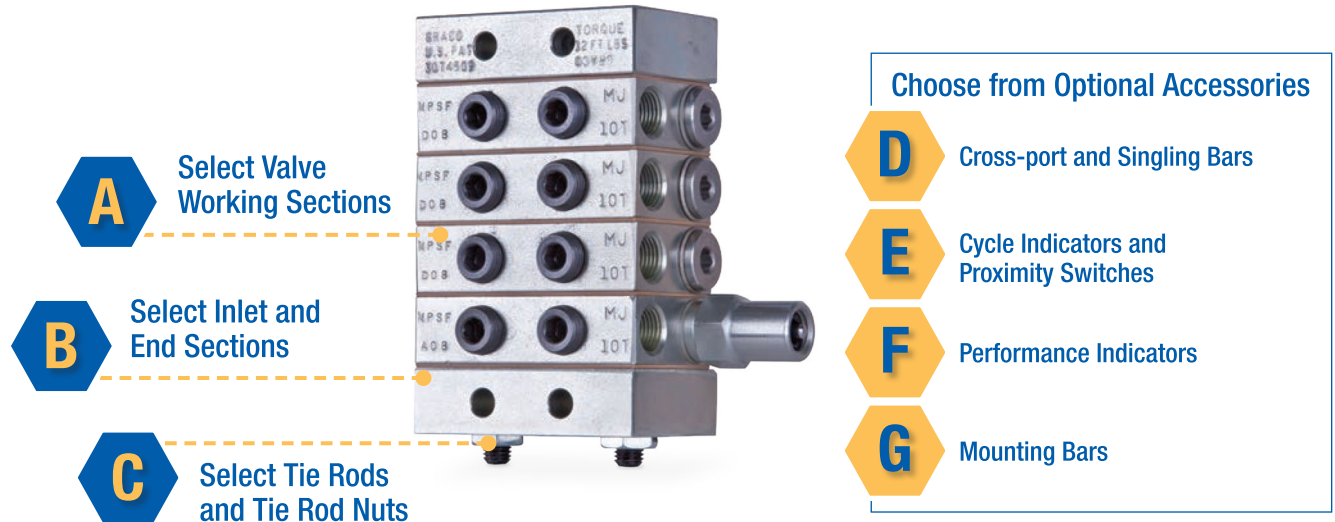
Typical Fluids

- Oil or Grease up to NLGI #1

Technical Specifications

Material	Plated Steel
Maximum Pressure	2,000 psi (137.89 bar)
Max Operating Temperature	200°F (93°C)
Max Cycle Rate with Cycle Pin	60 cycles/minute
Instruction Manual	312497

Steps to Build Your MJ Divider Valve System:



A Ordering Information

Valve Working Sections

Standard 1/8 in NPSF outlet ports accept NPT fittings. Must be ordered in multiples of five.

Outlet Configuration	Description	Output Per Outlet, in ³ (cm ³)	Part Number	
			Standard Section	With Cycle Pin
Single	MJ-5S	0.010 (0.16)	562500	N/A
	MJ-10S	0.020 (0.33)	562501	562508
	MJ-15S	0.030 (0.49)	562502	562509
Twin	MJ-5T	0.005 (0.08)	562503	N/A
	MJ-10T	0.010 (0.16)	562504	562510
	MJ-15T	0.015 (0.26)	562505	562511

MJ Spare Parts and Accessories

Part Number	Description
563948	Cycle Indicator Repair Kit
557514	Replacement Gasket
557349	Replacement Outlet Port Plug (one is already included with each "S" section)

B Ordering Information

Inlet and End Sections

Must be ordered in multiples of five.

Component	Description	Part Number
Inlet Section	Standard 1/8 in NPSF inlet, accepts NPT fittings.	560643
End Section	Standard end section.	560645

Note: Each valve, inlet and end section is packaged with a gasket, so a complete MJ assembly will have one gasket leftover.

C

Ordering Information

Tie Rods and Tie Rod Nuts

Two tie rods and two tie rod nuts required for each MJ assembly.


Component	Length	Part Number
Tie Rods	3-section	557515
	4-section	557516
	5-section	557517
	6-section	557518
	7-section	557519
	8-section	557520
Tie Rod Nuts	N/A	556371

D

Ordering Information

Crossport and Singling Bars

For each bar used, order one of part number 557349 (1/8 in NPT pipe plug) to plug the unused outlet.

	Part Number	Component	Description
	562914	Right Crossport Bar	Provides a path to redirect output from one outlet to the next one below it, away from the inlet.
	562915	Singling Bar	Converts a "T" valve to an "S" valve.

E

Ordering Information

Cycle Indicators and Proximity Switches

These switches sense the divider valve piston's action for accurate control and monitoring of lube cycles.

Part Number	Component	Description
563272	Single pole, double throw (SPDT) standard cycle switch and bracket assembly	Used in conjunction with the cycle indicator at cycle rates not exceeding 60 cpm, the switch provides an electrical signal to the system controller which counts cycles to monitor and verify completion of the lube cycle. Included bracket clamps to spud around cycle pin.
563273	Moisture-resistant SPDT cycle switch and bracket assembly	
564357	Double pole, double throw (DPDT) cycle switch and bracket assembly	
17M380	Solid State Proximity Switch (see page 161 for mating cables)	This rugged switch has no moving parts, making it ideal for applications such as metal stamping presses and yellow iron equipment. 10-32 VDC PNP switching, M12 electrical connector, 200 cpm, 3,000 PSI (207 bar) maximum pressure. 50,000,000 cycle life, IP65, IP68, IP69 rated.

F

Ordering Information

Performance Indicators

These vital safeguards react to excess lube pressure when points or lines become blocked. Installed in indicator ports on the working piston sections, they quickly identify the affected lines. 1/8 in NPT male thread installs in the indicator ports on the front of each valve.

Reset Indicators

Features and Benefits

- Provides quick troubleshooting tool with visual indication
- No tools for reset or parts to replace after indication
- Easy information on blocked lines, high system pressure or blocked bearings

<i>Image Coming Soon</i>	Part Number	Indication Pressure
	563231	250 psi (17 bar)
	563232	500 psi (35 bar)
	563233	750 psi (52 bar)
	563234	1,000 psi (69 bar)
	563235	1,500 psi (103 bar)
	563236	2,000 psi (138 bar)

Automatic Relief Indicators

These performance indicators pinpoint lube line blockages but allow the lube system to continue to supply lubrication to points that are not blocked.

Features and Benefits

- Provides quick troubleshooting tool with visual indication
- No tools for reset or parts to replace after indication
- Easy information on blocked lines, high system pressure or blocked bearings

<i>Image Coming Soon</i>	Part Number	Indication Pressure
	563163	750 psi (52 bar)
	563164	1,000 psi (69 bar)
	563166	1,500 psi (103 bar)
	563167	2,000 psi (138 bar)

G

Ordering Information

Mounting Bar

Part Number	Component	Description
561101	MJ Divider Valve Weld Bar	1/2 in (12.7 mm) thick steel bars are designed for welding to uneven metal surfaces. Tapped holes are provided for mounting the divider valves. This part is one individual bar, so order quantity 2 when needed.