

M2500G SERIES PROGRESSIVE DIVIDER VALVES

The Only Manufacturer to Offer Assembled & Tested Manifolds in Addition to Components!



Key Features

- Tight toleranced ~ precision machined product.
- Zinc-Nickel plated steel body ensures longer life in nasty environments.
 - 1000 hour salt spray proven.
 - 4 times harder finish than comparable zinc plate.
- Standard Viton O-ring seals protect against high heat and synthetic lubricants.
- Interchangeable with Graco® MSP Series dividers; (Trabon® & Lubriquip® brands*).
- Integral or in-line solenoid valves available for zone control.
- Easy assembly, maintenance and replacement without tube removal.
- In-stock availability as individual segments or as 3 to 10 section manifolded assemblies.
- Maximum operating pressure, 5800 psi (400 bar).
- Maximum temperature; 350°F (163°C).
- Standard SAE Grade oils to NLGI Grade 2 grease.

* Trabon® & Lubriquip® are registered trademarks of Graco® Incorporated.

Product Overview

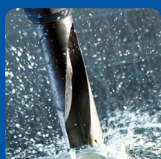
Bijur Delimon's M2500G Series of progressive divider valves are at the heart of many single line centralized lubrication systems. Modular construction makes the system easy to install, modify and maintain without tube disassembly. Valve operation can be monitored utilizing a single cycle indicator switch. Up to 20 bearings can be lubricated from a single manifold assembly and up to 20 manifold assemblies can be incorporated into a single system.

Zone control components are available which facilitate building systems of any size or shape and dividers can be designed into individually controlled and monitored zones. This permits varied cycle times, rapid troubleshooting and ease of maintenance.

Industrial Applications



Paper & Printing Machinery



Machine Tools & Transfer Lines



Punch & Stamping Presses



Steel Mill



Cement Plants



Mining Equipment



Canning & Bottling Equipment

Complete Valve Assemblies*

Inlet Port	Discharge Ports	Sections	Part #**	Sections	Part #**
1/4-18 NPSF	1/8-27 NPSF	3	M2500B3G	7	M2500B7G
		4	M2500B4G	8	M2500B8G
		5	M2500B5G	9	M2500B9G
		6	M2500B6G	10	M2500B10G

* The complete assembly includes the inlet section, valve base sections, end section, tie rods, nuts, and O-rings.

** Segment discharge rates must be specified to determine complete assembly Part #.

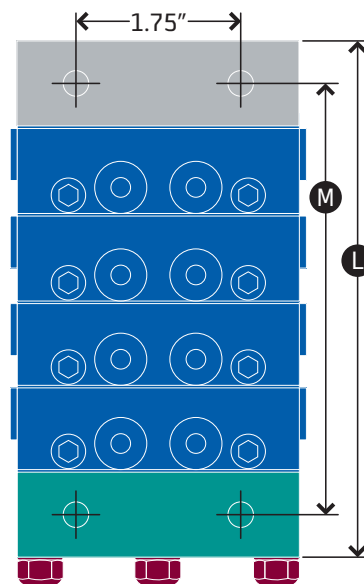
Valve Sections

Valve Size	Discharge		Valve Sections			
	Twin Outlet	Single Outlet	Twin Outlet		Single Outlet	
			Standard	With Cycle Pin	Standard	With Cycle Pin
05	.08cc (.005 cu. in.)	.16cc (.010 cu. in.)	MCVA250105TG	---	MCVA250105SG	---
10	.16cc (.010 cu. in.)	.33cc (.020 cu. in.)	MCVA250110TG	---	MCVA250110SG	---
15	.25cc (.015 cu. in.)	.49cc (.030 cu. in.)	MCVA250115TG	---	MCVA250115SG	---
20	.33cc (.020 cu. in.)	.66cc (.040 cu. in.)	MCVA250120TG	MCVA250120TPG	MCVA250120SG	MCVA250120SPG
25	.41cc (.025 cu. in.)	.82cc (.050 cu. in.)	MCVA250125TG	MCVA250125TPG	MCVA250125SG	MCVA250125SPG
30	.49cc (.030 cu. in.)	.98cc (.060 cu. in.)	MCVA250130TG	MCVA250130TPG	MCVA250130SG	MCVA250130SPG
35	.57cc (.035 cu. in.)	1.15cc (.070 cu. in.)	MCVA250135TG	MCVA250135TPG	MCVA250135SG	MCVA250135SPG
40	.66cc (.040 cu. in.)	1.31cc (.080 cu. in.)	MCVA250140TG	MCVA250140TPG	MCVA250140SG	MCVA250140SPG

Valve Manifold Bases

M2500G Series Valve Manifold Bases consist of an Inlet Section, Valve Base Sections (3-10 segments) and an End Section.

Name	Description	Part #
Inlet Sections	MCI2504AG (#4SAE) MCI2504CG (1/4"BSPP)	MCI2504BG (1/4-18"NPSF)
Valve Base Sections	MCBA2502AG (#4SAE) MCBA2502CG (1/8"BSPP)	MCBA2502BG(1/8-27"NPSF)
End Section	MCEA2503G (STD)	37484 (1/8"NPT TAP FOR GREASE FITTING)
Tie Rod Kit <i>Note: Includes 3 tie rods and 3 locknuts.</i>	3 sections	3.58" (M) 4.54" (L) MCRK25053G
	4 sections	4.50" (M) 5.44" (L) MCRK25054G
	5 sections	5.42" (M) 6.36" (L) MCRK25055G
	6 sections	6.34" (M) 7.28" (L) MCRK25056G
	7 sections	7.27" (M) 8.20" (L) MCRK25057G
	8 sections	8.19" (M) 9.13" (L) MCRK25058G
	9 sections	9.11" (M) 10.04" (L) MCRK25059G
	10 sections	10.03" (M) 10.97" (L) MCRK250510G
Accessories	Crossport	37083G
	Mechanical Cycle Switch/Bracket(Requires indicator pin)	17324 + 33583
	PNP Cycle Switch (use w/ SC400 or PLC only)	AC498-1
	Mechanical Cycle Switch -3 Pin Conn.(use w/size15 & up)	MCSA2503



CORPORATE HEADQUARTERS (USA)

Bijur Delimon International
1 Copley Parkway, Suite 104
Morrisville, NC 27560

(919) 465 4448 TEL
(800) 631 0168 TOLL-FREE
(919) 465 0516 FAX

GERMANY

Bijur Delimon International
Arminstrasse 15
40227 Düsseldorf

(+49) 211 / 77 74-0 TEL
(+49) 211 / 77 74-210 FAX

FRANCE

Bijur Products, Inc.
PB 50 - ZI de Courtabœuf
9, Avenue de Quebec
F-91942 Courtaboeuf Cedex

(+33) (0)169298585 TEL
(+33) (0)169077627 FAX

CHINA

Nanjing Bijur Machinery Products, Ltd.
#9 Hengtong Road
Nanjing Xingang Economic & Technical
Development Zone
Nanjing 210038

(+86) 25-85801188 TEL
(+86) 25-85802288 FAX