

# Maximize your up-time with Graco

**Divider Valve Accessories** 

## Protect Your Equipment

A complete range of products to give you the information you need to ensure your machine is functioning at peak performance with the right amount of lubrication.









High temperature (350°F, 176°C) and synthetic lubricants are considered standard with Graco divider valves.

# Less downtime with **Graco** automatic lubrication

# solutions

Help keep your equipment running at peak performance

Graco's series progressive systems give you the most advanced centralized lubrication—providing the best metering and accessory options available to help protect your investment.







#### ABOUT GRACO

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company's success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology that set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication. and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco's ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

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# **Series Progressive Divider Valves**

**Durable and Dependable Lubrication Metering Systems** 



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**Graco Machined. Graco Engineered. Graco Assembled.** 

## Trabon® USP-Uniblock Series Progressive



Trabon USP is an economical option to solving your lubrication system needs. It serves as a high quality entry point to move away from manual lubrication, and is smaller than competitive mono blocks to save valuable machine space.

#### Features

- Series progressive metering in a one piece block—no assembly required!
- Space efficient design with 6, 8, 10, 12, 14, or 16 outlets. Outlets can be combined to meet larger bearing needs
- Requires no special fittings, all fittings come with the valve block
- Built-in outlet check valves ensure accurate lube delivery, every time
- Works with standard MSP magnetic and electronic proximity switch cycle indicators to provide positive assurance of a successful lube event

### **Typical Application**

Mobile, industrial, food & beverage, wind, and many more

## Trabon® MD Series

The Trabon MD Series is the most compact series progressive solution making it a perfect fit for tight spaced applications.

#### Features

- Available with 2, 3, 4, or 6 outlets
- Easy to install on new or existing equipment
- Use our cycle indicator pin models to provide positive assurance of a successful lube event
- Typical Application

Industrial or mobile applications where space is at a premium





#### **Features**

- Space efficient–from 6 to 16 points from one block assembly
- Built-in outlet check valves ensure accurate lube delivery, every time
- Alternate outlet on face of valves can be fitted with optional performance indicators, taking the guesswork out of troubleshooting
- Can be easily accessorized with magnetic and electronic proximity switch cycle indicators to provide positive assurance of a successful lube event

#### **Typical Application**

Machine tools, textile, glass & can machinery, & mobile equipment



The Trabon MSP Series sets the industry standard for quality, reliability, and ease of use Pre-Assembled features. It was the original modular-style series progressive divider valve – and is still and Tested the best! Base Plates Now Available! **Features** 

- Quick change valve sections can be removed from the base assembly without disturbing any lube lines – minimizing labor cost and maximizing your machine uptime
- Can be easily accessorized with magnetic and electronic proximity switch cycle indicators to provide positive assurance of a successful lube event
- Alternate outlet on face of valves can be fitted with optional performance indicators, taking the guesswork out of troubleshooting
- Built-in outlet check valves ensure accurate lube delivery, every time

#### **Typical Application**

Mobile, industrial, food & beverage, wind, and many more

## Manzel® MHH Series

Same capable design as the Trabon MSP Series, with even tighter and more exacting tolerances. The Manzel MHH Series delivers highly accurate lube delivery for demanding high pressure oil applications.

- Quick change valve sections can be removed from the base assembly without disturbing any lube lines - minimizing labor cost and maximizing your machine uptime
- Can be easily accessorized with magnetic and electronic proximity switch cycle indicators to provide positive assurance of a successful lube event
- Alternate outlet on face of valves can be fitted with optional performance indicators, taking the guesswork out of troubleshooting
- Built-in outlet check valves ensure accurate lube delivery, every time

#### Typical Application

Compressors, industrial equipment, textile and mobile equipment

# Pre-Assembled and Tested Base Plates Now Available!



Greater output volumes for heavy service requirements make the Trabon MX Series ideal for steel and paper mill systems with it's economical and compact design.

#### **Features**

- Durable design withstands harsh environments and operating conditions
- Built-in outlet check valves ensure accurate lube delivery, every time
- Can be easily accessorized with magnetic and electronic proximity switch cycle indicators to provide positive assurance of a successful lube event
- Alternate outlet on face of valves can be fitted with optional performance indicators, taking the guesswork out of troubleshooting

### Typical Application

Pulp and paper, steel mills, heavy and high volume industrial applications

## Trabon® MXP Series

Not available

**Graco Quality.** 

Maximum Pressure, psi (bar)

2.000 (138)

Up to 6,000 (413)

Trabon MJ Series



The Trabon MXP Series' greater output volume makes it easy to customize your assembly to meet larger machine requirements.

- Quick change valve sections can be removed from the base assembly without disturbing any lube lines – minimizing labor cost and maximizing your machine uptime
- Can be easily accessorized with magnetic and electronic proximity switch cycle indicators to provide positive assurance of a successful lube event
- Alternate outlet on face of valves can be fitted with optional performance indicators, taking the guesswork out of troubleshooting
- Built-in outlet check valves ensure accurate lube delivery, every time

#### **Typical Application**

Pulp and paper, steel mills, heavy and high volume industrial applications

## Trabon® MGO Series

The Trabon MGO Series offers the largest output available in a series progressive system. Ideal for heavyduty and large bearing applications with wide temperature variations and high volume requirements.

#### **Features**

- Can be easily accessorized with magnetic and electronic proximity switch cycle indicators to provide positive assurance of a successful lube event
- Alternate outlet on face of valves can be fitted with optional performance indicators, taking the guesswork out of troubleshooting
- Robust design is virtually indestructible and built to perform in extreme environments

## **Typical Application**

Pulp and paper, steel mills, heavy and high volume industrial applications

Technical Specifications Divider valves can be used with oil or grease grades up to NLGI #2 (MJ valves up to NLGI #1)							
Trabon USP Series	Maximum Pressure, psi (bar)	Output Twin Outlet, in <sup>3</sup> (cm <sup>3</sup> )	Output Single Outlet, in <sup>3</sup> (cm <sup>3</sup> )	Cycle Indication			
USP6	5,076 (350)	-	0.012 (0.20)	Electronic proximity switch, magnetic visual indicator			
USP8	5,076 (350)	-	0.012 (0.20)				
USP10	5,076 (350)	-	0.012 (0.20)				
USP12	5,076 (350)	-	0.012 (0.20)				
USP14	5,076 (350)	-	0.012 (0.20)				
USP16	5,076 (350)	-	0.012 (0.20)				
Trabon MD Series	Maximum Pressure, psi (bar)	Output Twin Outlet, in <sup>3</sup> (cm <sup>3</sup> )	Output Single Outlet, in <sup>3</sup> (cm <sup>3</sup> )	Cycle Indication			
MD-2	3,000 (207)	-	0.04 (0.66)				
MD-3	3,000 (207)	-	Outlet 1 - 0.04 (0.66) Outlet 2 & 3 - 0.02 (0.33)	Cycle indicator switch			
MD-4	3,000 (207)	-	0.02 (0.33)				

15	2,000 (138)	0.015 (0.26)	0.030 (0.49)	Oyolo illuloutoi owitoii	
bon MSP Series	Maximum Pressure, psi (bar)	Output Twin Outlet, in <sup>3</sup> (cm <sup>3</sup> )	Output Single Outlet, in <sup>3</sup> (cm <sup>3</sup> )	Cycle Indication	
P5	3,500 (241)	0.005 (0.08)	0.010 (0.16)	Electronic proximity switch, magnetic visual indicator	
P10	3,500 (241)	0.010 (0.16)	0.020 (0.33)		
P15	3,500 (241)	0.015 (0.26)	0.030 (0.49)		
P20	3,500 (241)	0.020 (0.33)	0.040 (0.66)	Electronic proximity switch, magnetic visual indicator, cycle indicator switch	
P25	3,500 (241)	0.025 (0.41)	0.050 (0.82)		
P30	3,500 (241)	0.030 (0.49)	0.060 (0.98)		
P35	3,500 (241)	0.035 (0.57)	0.070 (1.15)		
P40	3,500 (241)	0.040 (0.66)	0.080 (1.31)		
bon MHH Series	Maximum Pressure, psi (bar)	Output Twin Outlet, in <sup>3</sup> (cm <sup>3</sup> )	Output Single Outlet, in <sup>3</sup> (cm <sup>3</sup> )	Cycle Indication	
Н6	7,500 (517)	0.006 (0.098)	0.012 (0.197)		
Н9	7,500 (517)	0.009 (0.149)	0.018 (0.295)	Electronic proximity switch, magnetic visual indicator	
H12	7,500 (517)	0.012 (0.197)	0.024 (0.393)	.,	
H18	7,500 (517)	0.018 (0.295)	0.036 (0.590)	Electronic proximity switch, magnetic visual indicator, cycle indicator switch	
H24	7,500 (517)	0.024 (0.393)	0.048 (0.787)		
H30	7,500 (517)	0.030 (0.492)	0.060 (0.983)		
bon MX Series	Maximum Pressure, psi (bar)	Output Twin Outlet, in <sup>3</sup> (cm <sup>3</sup> )	Output Single Outlet, in <sup>3</sup> (cm <sup>3</sup> )	Cycle Indication	
bon MX Series 25	Maximum Pressure, psi (bar) 3,000 (207)	Output Twin Outlet, in <sup>3</sup> (cm <sup>3</sup> ) 0.025 (0.41)	Output Single Outlet, in <sup>3</sup> (cm <sup>3</sup> ) 0.050 (0.82)	Cycle Indication  Electronic proximity switch	
25	3,000 (207)	0.025 (0.41)	0.050 (0.82)	Electronic proximity switch	
25 50	3,000 (207) 3,000 (207)	0.025 (0.41) 0.050 (0.82)	0.050 (0.82) 0.100 (1.64)	Electronic proximity switch  Electronic proximity switch,	
25 50 75	3,000 (207) 3,000 (207) 3,000 (207)	0.025 (0.41) 0.050 (0.82) 0.075 (1.23)	0.050 (0.82) 0.100 (1.64) 0.150 (2.46)	Electronic proximity switch	
25 50 75 100	3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207)	0.025 (0.41) 0.050 (0.82) 0.075 (1.23) 0.100 (1.64)	0.050 (0.82) 0.100 (1.64) 0.150 (2.46) 0.200 (3.28)	Electronic proximity switch  Electronic proximity switch,	
25 50 75 100 125	3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207)	0.025 (0.41) 0.050 (0.82) 0.075 (1.23) 0.100 (1.64) 0.125 (2.05)	0.050 (0.82) 0.100 (1.64) 0.150 (2.46) 0.200 (3.28) 0.250 (4.10)	Electronic proximity switch  Electronic proximity switch,	
25 50 75 100 125 150	3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207)	0.025 (0.41) 0.050 (0.82) 0.075 (1.23) 0.100 (1.64) 0.125 (2.05) 0.150 (2.46)	0.050 (0.82) 0.100 (1.64) 0.150 (2.46) 0.200 (3.28) 0.250 (4.10) 0.300 (4.92)	Electronic proximity switch  Electronic proximity switch, cycle indicator switch	
25 50 75 100 125 150 bon MXP Series	3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) Maximum Pressure, psi (bar)	0.025 (0.41) 0.050 (0.82) 0.075 (1.23) 0.100 (1.64) 0.125 (2.05) 0.150 (2.46) Output Twin Outlet, in <sup>3</sup> (cm <sup>3</sup> )	0.050 (0.82) 0.100 (1.64) 0.150 (2.46) 0.200 (3.28) 0.250 (4.10) 0.300 (4.92)  Output Single Outlet, in <sup>3</sup> (cm <sup>3</sup> )	Electronic proximity switch  Electronic proximity switch, cycle indicator switch  Cycle Indication	
25 50 75 100 125 150 bon MXP Series	3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207)  Maximum Pressure, psi (bar) 3,000 (207)	0.025 (0.41) 0.050 (0.82) 0.075 (1.23) 0.100 (1.64) 0.125 (2.05) 0.150 (2.46) Output Twin Outlet, in <sup>3</sup> (cm <sup>3</sup> ) 0.025 (0.41)	0.050 (0.82) 0.100 (1.64) 0.150 (2.46) 0.200 (3.28) 0.250 (4.10) 0.300 (4.92)  Output Single Outlet, in³ (cm³) 0.050 (0.82)	Electronic proximity switch  Electronic proximity switch, cycle indicator switch  Cycle Indication  Electronic proximity switch	
25 50 75 100 125 150 bon MXP Series P25	3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207)  Maximum Pressure, psi (bar) 3,000 (207) 3,000 (207)	0.025 (0.41) 0.050 (0.82) 0.075 (1.23) 0.100 (1.64) 0.125 (2.05) 0.150 (2.46)  Output Twin Outlet, in³ (cm³) 0.025 (0.41) 0.050 (0.82)	0.050 (0.82) 0.100 (1.64) 0.150 (2.46) 0.200 (3.28) 0.250 (4.10) 0.300 (4.92)  Output Single Outlet, in <sup>3</sup> (cm <sup>3</sup> ) 0.050 (0.82) 0.100 (1.64)	Electronic proximity switch  Electronic proximity switch, cycle indicator switch  Cycle Indication  Electronic proximity switch	
25 50 75 100 125 150 bon MXP Series P25 P50	3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207)  Maximum Pressure, psi (bar) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207)	0.025 (0.41) 0.050 (0.82) 0.075 (1.23) 0.100 (1.64) 0.125 (2.05) 0.150 (2.46) Output Twin Outlet, in³ (cm³) 0.025 (0.41) 0.050 (0.82) 0.075 (1.23)	0.050 (0.82) 0.100 (1.64) 0.150 (2.46) 0.200 (3.28) 0.250 (4.10) 0.300 (4.92)  Output Single Outlet, in³ (cm³) 0.050 (0.82) 0.100 (1.64) 0.150 (2.46)	Electronic proximity switch  Electronic proximity switch, cycle indicator switch  Cycle Indication  Electronic proximity switch	
25 50 75 100 125 150 bon MXP Series P25 P50 P75 P100 P125	3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207)  Maximum Pressure, psi (bar) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207)	0.025 (0.41) 0.050 (0.82) 0.075 (1.23) 0.100 (1.64) 0.125 (2.05) 0.150 (2.46)  Output Twin Outlet, in³ (cm³) 0.025 (0.41) 0.050 (0.82) 0.075 (1.23) 0.100 (1.64)	0.050 (0.82) 0.100 (1.64) 0.150 (2.46) 0.200 (3.28) 0.250 (4.10) 0.300 (4.92)  Output Single Outlet, in³ (cm³) 0.050 (0.82) 0.100 (1.64) 0.150 (2.46) 0.200 (3.28)	Electronic proximity switch  Electronic proximity switch, cycle indicator switch  Cycle Indication  Electronic proximity switch	
25 50 75 100 125 150 bon MXP Series P25 P50 P75	3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207)  Maximum Pressure, psi (bar) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207)	0.025 (0.41) 0.050 (0.82) 0.075 (1.23) 0.100 (1.64) 0.125 (2.05) 0.150 (2.46)  Output Twin Outlet, in³ (cm³) 0.025 (0.41) 0.050 (0.82) 0.075 (1.23) 0.100 (1.64) 0.125 (2.05)	0.050 (0.82) 0.100 (1.64) 0.150 (2.46) 0.200 (3.28) 0.250 (4.10) 0.300 (4.92)  Output Single Outlet, in³ (cm³) 0.050 (0.82) 0.100 (1.64) 0.150 (2.46) 0.200 (3.28) 0.250 (4.10)	Electronic proximity switch  Electronic proximity switch, cycle indicator switch  Cycle Indication  Electronic proximity switch	
25 50 75 100 125 150 bon MXP Series P25 P50 P75 P100 P125 P150	3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207)  Maximum Pressure, psi (bar) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207)	0.025 (0.41) 0.050 (0.82) 0.075 (1.23) 0.100 (1.64) 0.125 (2.05) 0.150 (2.46)  Output Twin Outlet, in³ (cm³) 0.025 (0.41) 0.050 (0.82) 0.075 (1.23) 0.100 (1.64) 0.125 (2.05) 0.150 (2.46)	0.050 (0.82) 0.100 (1.64) 0.150 (2.46) 0.200 (3.28) 0.250 (4.10) 0.300 (4.92)  Output Single Outlet, in³ (cm³) 0.050 (0.82) 0.100 (1.64) 0.150 (2.46) 0.200 (3.28) 0.250 (4.10) 0.300 (4.92)	Electronic proximity switch  Electronic proximity switch, cycle indicator switch  Cycle Indication  Electronic proximity switch  Electronic proximity switch, cycle indicator switch	
25 50 75 100 125 150 bon MXP Series P25 P50 P75 P100 P125 P150 bon MGO Series	3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207)  Maximum Pressure, psi (bar) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) 3,000 (207) Maximum Pressure, psi (bar)	0.025 (0.41) 0.050 (0.82) 0.075 (1.23) 0.100 (1.64) 0.125 (2.05) 0.150 (2.46)  Output Twin Outlet, in³ (cm³) 0.025 (0.41) 0.050 (0.82) 0.075 (1.23) 0.100 (1.64) 0.125 (2.05) 0.150 (2.46)  Output Twin Outlet, in³ (cm³)	0.050 (0.82) 0.100 (1.64) 0.150 (2.46) 0.200 (3.28) 0.250 (4.10) 0.300 (4.92)  Output Single Outlet, in³ (cm³) 0.050 (0.82) 0.100 (1.64) 0.150 (2.46) 0.200 (3.28) 0.250 (4.10) 0.300 (4.92)  Output Single Outlet, in³ (cm³)	Electronic proximity switch  Electronic proximity switch, cycle indicator switch  Cycle Indication  Electronic proximity switch  Electronic proximity switch, cycle indicator switch	

Output Twin Outlet, in<sup>3</sup> (cm<sup>3</sup>) Output Single Outlet, in<sup>3</sup> (cm<sup>3</sup>)

0.010 (0.16)

0.005 (0.08)

Cycle Indication

Not available



0.600 (9.83)

1.200 (19.7)