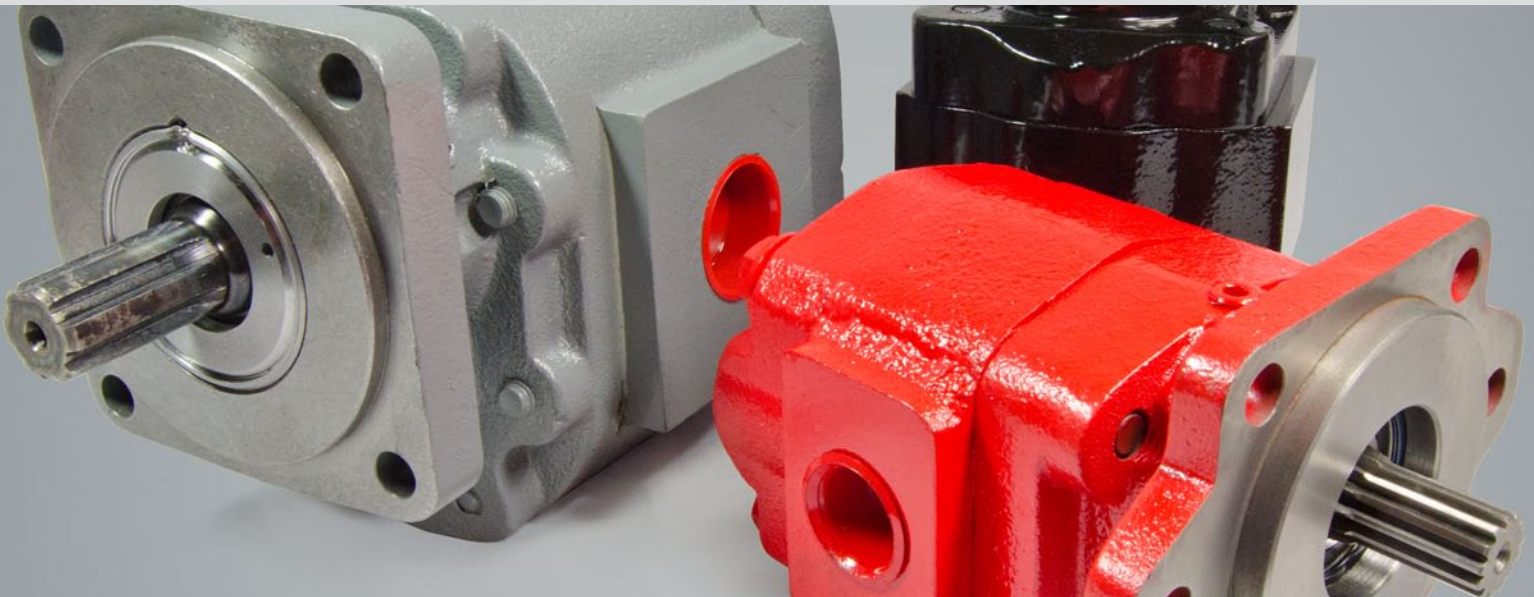


# Genuine Metaris MHP/M Series Gear Pumps

Bearing & Bushing Style Gear Pumps & Motors



## Performance When You Need it Most

Genuine Metaris MHP/M series gear pumps & motors are available in a variety of different gear sizes with a variety of mounting flanges, shaft configurations and porting options. Multi-section units, piggyback designs, dowelled assemblies & flow dividers are all also available. They come in both roller bearing style design and sleeve bushing style design. With ductile iron housings, these pumps offer pressure ratings as high as 3500 psi in some models for the most demanding of applications. The MHP/M series are perfect alternatives to other gear pump products from Commercial<sup>®</sup>/Parker<sup>®</sup> and Muncie<sup>®</sup>.

- Suitable for a variety of applications
- Multiple displacements and options available
- Heavy duty roller bearing design & sleeve bushing design
- Dowelled and rugged cast iron construction
- Pressure balanced wear plates
- Pressures up to 3500 psi
- Multiple bearing carrier options
- Variety of mounting flange and shaft options
- Speeds from 2400-3000 rpm
- Multiple porting options
- High strength steel gear & shaft sets
- Alternatives for Commercial<sup>®</sup>/Parker<sup>®</sup> and Muncie<sup>®</sup> gear products



# Bearing Style Design...

## MH20 SERIES



- Heavy duty roller bearing design
- Available in 7 gear/displacement sizes
- 2-bolt and 4-bolt flange options
- Pressure balanced wear plates
- Working pressure up to 3000 psi
- Multiple bearing carrier options & porting options
- High strength steel gear & shaft sets
- Alternatives for Commercial®/Parker® and Muncie® gear products

### MH20 Series Specifications

<b>Displacement</b>	(in <sup>3</sup> /r)	.99 - 3.94
	(cm <sup>3</sup> /r)	(16.1 - 64.6)
<b>Max. Speed</b>	RPM	2400
<b>Max. Pressure</b>	PSI	3000 - 2500
	bar	(207 - 172)
<b>Weight</b>	Lbs	24 - 33
	Kgs	(11 - 15)

## MH25 SERIES



- Heavy duty roller bearing design
- Available in 8 gear/displacement sizes
- 2-bolt, 4-bolt, 6-bolt & pad mount flange options
- Pressure balanced wear plates
- Working pressure up to 2500 psi
- Multiple bearing carrier options & porting options
- High strength steel gear & shaft sets
- Alternatives for Commercial®/Parker® and Muncie® gear products

### MH25 Series Specifications

<b>Displacement</b>	(in <sup>3</sup> /r)	1.91 - 6.38
	(cm <sup>3</sup> /r)	(31.3 - 104.5)
<b>Max. Speed</b>	RPM	2400
<b>Max. Pressure</b>	PSI	2500 - 2000
	bar	(172 - 137)
<b>Weight</b>	Lbs	39 - 52
	Kgs	(18 - 24)

## MH30/31 SERIES

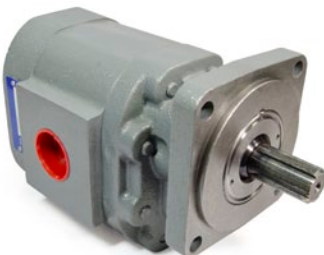


- Heavy duty roller bearing design
- Available in 7 gear/displacement sizes
- 2-bolt, 4-bolt, 6-bolt & pad mount flange options
- Pressure balanced wear plates
- Working pressure up to 3000 psi
- Multiple bearing carrier options & porting options
- High strength steel gear & shaft sets
- Alternatives for Commercial®/Parker® and Muncie® gear products

### MH30/31 Series Specifications

<b>Displacement</b>	(in <sup>3</sup> /r)	.99 - 3.94
	(cm <sup>3</sup> /r)	(16.1 - 64.6)
<b>Max. Speed</b>	RPM	2400
<b>Max. Pressure</b>	PSI	3000 - 2500
	bar	(207 - 172)
<b>Weight</b>	Lbs	30 - 36
	Kgs	(14 - 16)

## MH37 SERIES



- Heavy duty roller bearing design
- Available in 9 gear/displacement sizes
- 2-bolt, 4-bolt, 6-bolt & pad mount flange options
- Pressure balanced wear plates
- Working pressure up to 2500 psi
- Multiple bearing carrier options & porting options
- High strength steel gear & shaft sets
- Alternatives for Commercial®/Parker® and Muncie® gear products

### MH37 Series Specifications

<b>Displacement</b>	(in <sup>3</sup> /r)	2.25 - 9.00
	(cm <sup>3</sup> /r)	(36.9 - 147.5)
<b>Max. Speed</b>	RPM	2400
<b>Max. Pressure</b>	PSI	2500 - 2000
	bar	(172 - 137)
<b>Weight</b>	Lbs	54 - 78
	Kgs	(24 - 35)

# and Bushing Style Design.

## MH50/51 SERIES



- Heavy duty roller bearing design
- Available in 8 gear/displacement sizes
- 2-bolt, 4-bolt & pad mount flange options
- Pressure balanced wear plates
- Working pressure up to 3000 psi
- Multiple bearing carrier options & porting options
- High strength steel gear & shaft sets
- Alternatives for Commercial®/Parker® and Muncie® gear products

### MH50/51 Series Specifications

<b>Displacement</b>	(in <sup>3</sup> /r)	1.91 - 6.38
	(cm <sup>3</sup> /r)	(31.3 - 104.5)
<b>Max. Speed</b>	RPM	2400
<b>Max. Pressure</b>	PSI	3000 - 2500
	(Dowelled) bar	(207 - 172)
<b>Weight</b>	Lbs	40 - 54
	Kgs	(18 - 24)

## MH75/76 SERIES



- Heavy duty roller bearing design
- Available in 10 gear/displacement sizes
- 2-bolt, 4-bolt & pad mount flange options
- Pressure balanced wear plates
- Working pressure up to 3000 psi
- Multiple bearing carrier options & porting options
- High strength steel gear & shaft sets
- Alternatives for Commercial®/Parker® and Muncie® gear products

### MH75/76 Series Specifications

<b>Displacement</b>	(in <sup>3</sup> /r)	3.07 - 12.3
	(cm <sup>3</sup> /r)	(50.3 - 201.0)
<b>Max. Speed</b>	RPM	2400
<b>Max. Pressure</b>	PSI	3000 - 2000
	bar	(207 - 137)
<b>Weight</b>	Lbs	70 - 92
	Kgs	(32 - 42)

## MH315 SERIES



- Heavy duty sleeve bushing design
- Available in 7 gear/displacement sizes
- 2-bolt flange options
- Pressure balanced wear plates
- Working pressure up to 3500 psi
- Multiple bearing carrier options & porting options
- High strength steel gear & shaft sets
- Alternatives for Commercial®/Parker® and Muncie® gear products

### MH315 Series Specifications

<b>Displacement</b>	(in <sup>3</sup> /r)	.62 - 2.48
	(cm <sup>3</sup> /r)	(10.2 - 40.6)
<b>Max. Speed</b>	RPM	3000
<b>Max. Pressure</b>	PSI	3500 - 2500
	bar	(241 - 172)
<b>Weight</b>	Lbs	16 - 22
	Kgs	(7 - 10)

## MH330 SERIES



- Heavy duty sleeve bushing design
- Available in 7 gear/displacement sizes
- 2-bolt & 4-bolt flange options
- Pressure balanced wear plates
- Working pressure up to 3500 psi
- Multiple bearing carrier options & porting options
- High strength steel gear & shaft sets
- Alternatives for Commercial®/Parker® and Muncie® gear products

### MH330 Series Specifications

<b>Displacement</b>	(in <sup>3</sup> /r)	.99 - 3.94
	(cm <sup>3</sup> /r)	(16.1 - 64.6)
<b>Max. Speed</b>	RPM	3000
<b>Max. Pressure</b>	PSI	3500 - 2500
	bar	(241 - 172)
<b>Weight</b>	Lbs	36 - 41
	Kgs	(16 - 19)

# Gear Up For What's Next.

## MH350 SERIES



- Heavy duty sleeve bushing design
- Available in 9 gear/displacement sizes
- 2-bolt & 4-bolt flange options
- Pressure balanced wear plates
- Working pressure up to 3500 psi
- Multiple bearing carrier options & porting options
- High strength steel gear & shaft sets
- Alternatives for Commercial®/Parker® and Muncie® gear products

### MH350 Series Specifications

<b>Displacement</b>	(in <sup>3</sup> /r)	1.28 - 6.38
	(cm <sup>3</sup> /r)	(20.9 - 104.5)
<b>Max. Speed</b>	RPM	3000
<b>Max. Pressure</b>	PSI	3500 - 2500
	bar	(241 - 172)
<b>Weight</b>	Lbs	50 - 60
	Kgs	(23 - 27)

## MH365 SERIES



- Heavy duty sleeve bushing design
- Available in 8 gear/displacement sizes
- 2-bolt & 4-bolt flange options
- Pressure balanced wear plates
- Working pressure up to 3500 psi
- Multiple bearing carrier options & porting options
- High strength steel gear & shaft sets
- Alternatives for Commercial®/Parker® and Muncie® gear products

### MH365 Series Specifications

<b>Displacement</b>	(in <sup>3</sup> /r)	2.70 - 9.00
	(cm <sup>3</sup> /r)	(44.3 - 147.5)
<b>Max. Speed</b>	RPM	3000
<b>Max. Pressure</b>	PSI	3500 - 3000
	bar	(241 - 207)
<b>Weight</b>	Lbs	56 - 71
	Kgs	(25 - 32)

### Products We Offer

- Inline Piston Pumps
- Radial Piston Pumps & Motors
- Bent Axis Piston Pumps & Motors
- Fixed Volume Vane Pumps
- Variable Volume Vane Pumps
- Gear Pumps
- Vane Motors
- Axial Piston Motors
- High Speed Motors
- Servo Motors
- Orbital Motors
- Directional Valves
- Flow Control Valves
- Pressure Control Valves
- Relief Valves
- Check Valves
- Stack Valves
- Servo Valves
- Proportional Valves
- PTOs (Power Take-offs)
- Cylinders



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