Light Duty hydraulic motors

WM mini motors offer many advantages such as compact size, high speed, medium torque and extreme low weight and work well in light weight applications.



WD motors have a smaller outline yet still provide high efficiency across a/wide performance range and an economical solution for light duty applications.



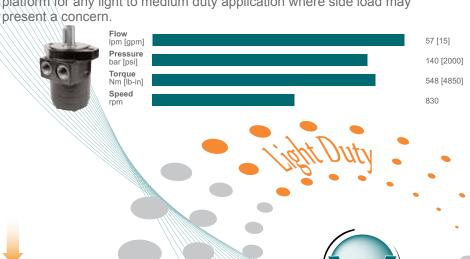
WP motors deliver significant power in a compact package, important where application space is at a premium and torque cannot be sacrificed.



WR motors incorporates the latest in technology including integral check valves which improves seal life. This attributes to greater performance in pressure, speed, and torque.



WG motors incorporate a needle bearing to provide an especially solid platform for any light to medium duty application where side load may



DID YOU KNOW?

To keep up with growing demands, the world headquarters in Hopkinsville, KY has been expanded 4 times since moving there in 1982.

TYPICAL APPLICATIONS:

- agriculture equipment

- food processing
- grain augers
- hav rakes
- light to medium duty wheel drives
- feed rollers
- brush drives
- swing drives
- screw drives

2000

DISPLACEMENT OPTIONS

WM 13-40 cm³/rev [0.8-2.5 in³/rev] WD 25-388 cm³/rev [1.5-23.7 in³/rev] WP 25-388 cm³/rev WR 40-404 cm³/rev [2.5-24.6 in³/rev] WG 41-404 cm³/rev [2.5-24.4 in³/rev]

State-of-the-art test facility completed 1999 at White Hydraulics Inc. world headquarters in Hopkinsville, KY.

> White Hydraulics, Inc. acquires the Design and Marketing rights of Rexroth's gerotor motor product line and establishes White Hydraulics GmbH in Germany, serving the European markets



Note: Specifications listed are continuous ratings. For intermittent and peak ratings. please refer to our online product catalogs or Product Catalog PC990000.



Medium Duty hydraulic motors

HB motors are designed for applications requiring peak efficiency in continuous operation, while providing high performance at low flow rates.



WS motors feature a robust design which allows higher intermittent and peak flow rates, increased side load and better withstands pressure and torque spikes.



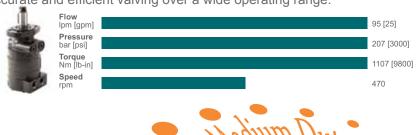
CE motors are 10-25% lighter and more compact than comparable designs, providing the perfect solution for medium duty applications with space restrictions.



RE motors provide excellent value for medium to heavy duty applications. The patented balance plate design assures high volumetric efficiency at start-up & high torque in running conditions.



DR motors offer high performance for medium applications. The three zone orbiting disk valve with a spring biased face seal provides accurate and efficient valving over a wide operating range.



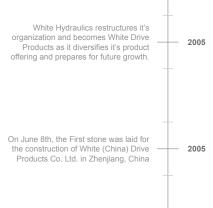
TYPICAL APPLICATIONS:

- skid steer attachments
- augers
- mowers
- harvesting equipment
- · wheel drives
- spinners
- chippers
- broom drives
- auger and machine tool indexers
- grapple heads
- feed rollers
- mixers
- winch drives
- swing drives

DISPLACEMENT OPTIONS

HB	52-409 cm ³ /rev	[3.2-24.9 in ³ /rev]
WS	79-496 cm ³ /rev	[4.8-30.3 in ³ /rev]
CE	121-748 cm ³ /rev	[7.4-45.6 in ³ /rev]
RE	121-748 cm ³ /rev	[7.4-45.6 in ³ /rev]
DR	204-748 cm ³ /rev	[12.4-45.6 in ³ /rev]

Note: The HB & DR series motors can be ordered with an integral spring applied hydraulic released brake. The CE & RE series motors can be orderd with a



DID YOU KNOW?

In today's competitive environment, you need a partner with global support reach. White Drive Products provides local service capabilities in 48 countries utilizing a network of over 300 distributor partner locations that are selected for their full service capabilities and hydraulic systems expertise.

Heavy Duty hydraulic motors

DT motors provide tremendous torque for medium to heavy duty applications. Heavy duty shaft bearings allow high load carrying capabilities, while many shaft options provide solutions for a wide variety of applications.



D9 motors are the strongest in the product line, ruggedly constructed and able to operate in extreme conditions in a variety of applications, offering higher flow capabilities and greater axial and radial load capacities.



Brakes & flow dividers

BK brakes provide up to 1130 Nm [10000 lb-in] of holding torque. This compact spring applied, hydraulically released brake eliminates the cables, linkages, cylinders and brackets used in other brake systems, providing a simpler, more cost-effective solution.

SB brakes feature a multiple wet-disc design for superior performance in an extremely compact package, providing a holding capacity in excess of 620 Nm [5500 lb-in]. SB brakes are easily mated to a variety of global industry standard motor mounting and shaft options, and can be used as a standalone brake without an input drive motor.

FD flow dividers are the most accurate available in the market today. Our patented Roller Stator® design reduces internal leakage and friction, resulting in higher efficiency and providing more accurate output flows and quieter operation.

TYPICAL APPLICATIONS:

- heavy duty wheel drives
- concrete mixing machines
- pumping units
- conveyors
- boring machines and rotators
- construction machinery
- agricultural machinery & associated attachments.

DISPLACEMENT OPTIONS

DT 300-2093 cm³/rev [18.3-127.7 in³/rev] D9 256-1027 cm³/rev [15.6-62.7 in³/rev]

Note: The DT series motors can be ordered with an integral spring applied hydraulic released brake.

Typical brake applications include wheel drives, positioners, conveyors, door openers and swing drives.

Typical flow divider applications include cylinder synchronization, parallel motor circuits and pressure intensification.

