

# FLUIDGEAR PRODUCTS

"Your Drive Solution Specialists"

**MOTORS**



**PLANETARIES**



**BEARINGS**



**ROTARY  
MANIFOLDS**



## PRODUCT GUIDE

**INTERCHANGE  
DRIVE UNITS**



**TRAVEL DRIVES**



V.5/24

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## HC SERIES RADIAL PISTON MOTOR

Fixed Displacement  
Displacement Range 40 cc/rev - 2,000 cc/rev  
High Speed/High Torque  
**HCD** Heavy Duty Version  
High Cavitation Resistance  
Volumetric Efficiency 99+%  
*Direct Interchange to SAI*



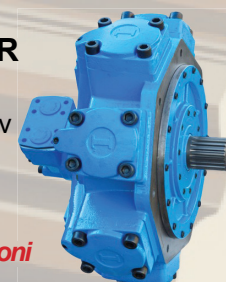
## R8C SERIES RADIAL PISTON MOTOR

Dual Displacement  
Displacement Range 0 cc/rev - 5,400 cc/rev  
Wide Speed Range 0.1 RPM - 1,000 RPM  
Free Wheel Mode  
Volumetric Efficiency 99+%  
*Direct Interchange to Staffa, KYB, and Calzoni*



## R8M SERIES RADIAL PISTON MOTOR

Fixed Displacement  
Displacement Range 100 cc/rev - 13,000 cc/rev  
Wide Speed Range 0.1 RPM - 950 RPM  
Volumetric Efficiency 99+%  
Freewheel Capabilities  
*Direct Interchange to Staffa, KYB, and Calzoni*



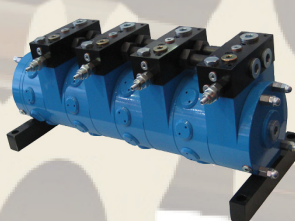
## R8D SERIES RADIAL PISTON MOTOR

Heavy Duty - Fixed Displacement  
Nominal Displacement 200 cc/rev - 8,000 cc/rev  
Power up to 250 kW (335 Hp)  
Wide Speed Range 0.1 RPM - 1,000 RPM  
Freewheel Capabilities  
*Direct Interchange to Staffa, KYB, and Calzoni*



## G & GD SERIES RADIAL PISTON MOTOR

Fixed & Dual Displacement  
Displacement Range 20 cc/rev - 180 cc/rev  
Speed Range up to 2,400 RPM  
Freewheel Capabilities  
High Speed/High Torque



## FD SERIES RADIAL PISTON FLOW DIVIDERS

Up to 8 Sections  
Different Synchronization Ratios Available  
Pressure up to 5,800 PSI  
Reset Valve Option



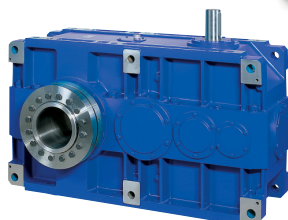
## SK SERIES RADIAL PISTON MOTOR

3 Piston Radial Motor  
Displacement Range 30 cc/rev - 90 cc/rev  
Wide Speed Range 1 RPM - 3,000 RPM  
Free Wheel Mode  
*SAE Flange/Shaft Mounting*



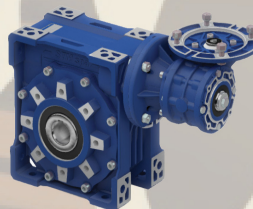
## PLANETARY GEARBOXES

Nominal Power up to 1,000 Hp  
Nominal Torque 800 to 2,100,000 ft.-lbs.  
Available Ratio 3.5:1 to



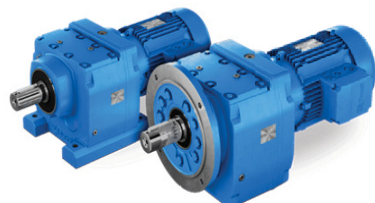
## PARALLEL & RIGHT ANGLE SHAFT GEAR REDUCERS

17 Sizes  
Nominal Power 3,620 Hp  
Nominal Torque 52,000 ft.-lbs.  
Available Ratio 2.5:1 ... 12,500:1



## WORM GEARBOXES

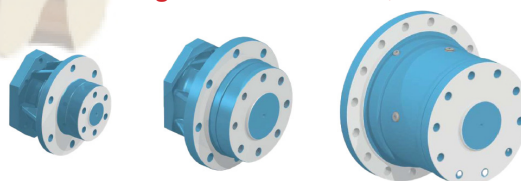
14 Sizes  
Nominal Power up to 90 Hp  
Nominal Torque 14,000 ft.-lbs.  
Available Ratio 10:1 to 16,000:1



## HELICAL INLINE GEARMOTORS

8 Sizes  
Foot Mounted or Flange Mounted  
Nominal Torque 2,500 ft.-lbs.  
IEC or NEMA Motor Mount  
Direct Replacement for  
*NORD, SEW, Bonfiglioli*

**LOAD ADAPTERS**  
4 Sizes - Radial Load up to 70,000 lbs.  
Axial Load up to 67,500 lbs. - Speed Range to 2,500 RPM  
*Interchangeable to Omni Gear, ZeroMax*

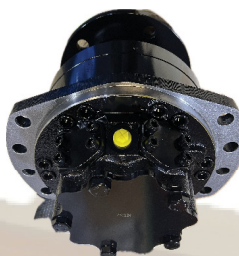






## WHEEL DRIVES

SAE Motor Mounting  
Wheel Shaft w/ or w/o Studs  
Disconnect Available  
High Radial and Axial Load Capable  
*Replaces Auburn, Heco, Fairfield*



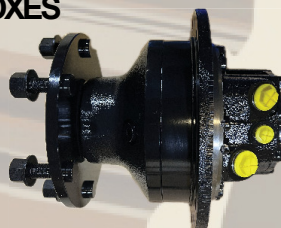
## MCR/MS DRIVE MOTOR

10 Sizes Available  
Single/Dual Displacement  
Shaft or Wheel Output Available  
Integral Parking Brake  
*Replaces Bosch Rexroth, Poclain*



## COMPACT PLANETARY GEARBOXES

SAE Motor Mounting  
Keyed or Splined Output Shafts  
Disconnect Available  
High Radial and Axial Load Capable  
*Replaces Auburn, Heco, Fairfield*



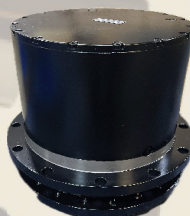
## MCR/MS WHEEL DRIVE MOTOR

10 Sizes Available  
Single/Dual Displacement Options  
Integral Parking Brake  
Maximum Pressure Rating 6,000 PSI  
*Replaces Bosch Rexroth, Poclain*



## FINAL DRIVES

16 Sizes Available  
Single/Dual Displacement Options  
Integral Parking Brake  
Maximum Pressure Rating 6,000 PSI  
*Replaces Nachi, Kayaba, Hitachi, Bonfiglioli, Comer.*



## TRACK DRIVES

12 Sizes Available  
SAE Motor Mounting  
Cartridge Motor Mounting  
Integral Parking Brake  
Disconnect Available  
*Replaces Bosch Rexroth, L&H, O&K, Bobcat.*



## ROTARY MANIFOLDS

Two (2) to Twenty (20) Sections  
Combination Hydraulic/Electric  
Maximum Pressure Rating 6,000 PSI  
Agricultural and Industrial Versions



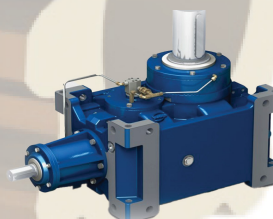
## VERTICAL MIXER DRIVES

Radial Piston Motor/Planetary  
High Starting Torque  
90+% Mechanical Efficiency  
99+% Volumetric Efficiency  
Maximum Pressure Rating 5,800 PSI



## SLEWING BEARINGS & DRIVES

Internal/External Teeth  
Plain Bearings with No Teeth  
Size Range 300mm to 3000mm  
Custom Sizes and Configurations Available  
*Slew Drive Replaces Bosch Rexroth, Poclain*



## SPECIALTY GEARBOXES

### *Cooling Tower Unit*

Material Handling  
Industrial Lifting  
Mining  
Mixers  
Mobile

### *Combination Helical/Planetary*

Marine  
Wind Energy  
Oil & Gas  
Forestry  
Steel Processing

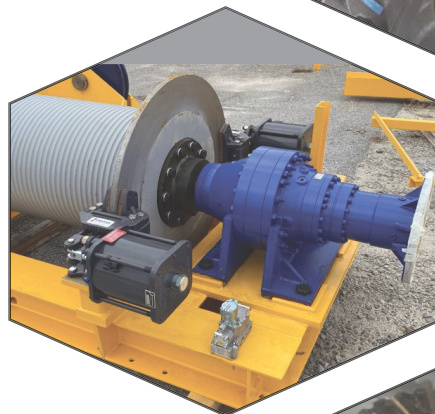
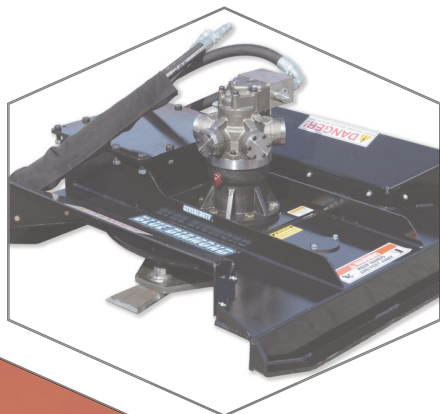
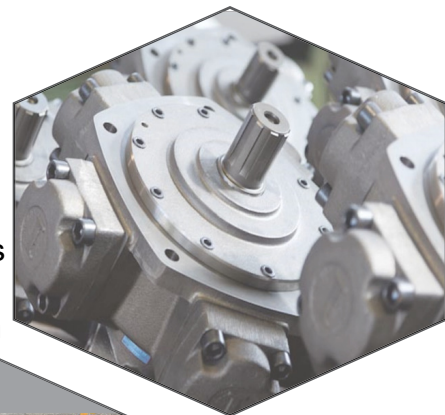


## ROTARY ACTUATORS

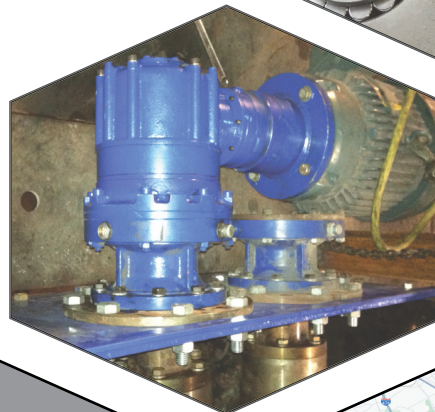
0° to 360° Rotation  
Up to 17,500 ft.-lbs. Torque Capacity  
Cantilever, Straddle, Rail, & Clevis Mounts Available  
High Radial & Axial Load Capacities



**Fluid Gear Products** is a full service, master distributor of Radial Piston Hydraulic Motors, Hydraulic Components, Planetary Gearboxes, and Gear Accessories. We buy directly from the factories to offer you the best quality and pricing. Most of our customers are distributors throughout the North America and OEM customers. We have a large warehouse in Marcus Hook, PA where we stock parts and complete units for faster deliveries. We have engineering, sales, and service at our location in Marcus Hook. If you need custom parts or modifications to existing units we can accommodate. We service all of the units we sell directly from our location in Pennsylvania.



**FLUIDGEAR**  
PRODUCTS



## Design & Customization

We offer design and customization of our units to fit into new applications or retrofit existing or obsolete units. We provide complete turnkey solutions to reduce the need for multiple vendors.

