

### Series MCR

- Low Speed /High Torque (LSHT)
- 24 to 134 HP Continuous @ 3625 PSI
- 6525 PSI Peak
- For Open or Closed Loop Operation

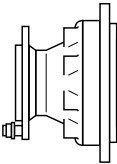
Slowspeed, high torque, fixed displacement piston motors with rotating shaft design.

Available in six frame sizes, MCR 03, MCR 05, MCR 10, MCR 15, MCR 20 with several displacements in each.

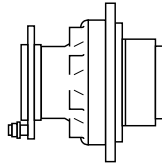
All motors have optional 2-speed operation with switchable displacement by external hydraulic pressure. All models can be furnished with a rear mounted multi-disc brake (for holding only). The three smaller frame motors are also available with a drum type brake.

An external boost pump must be used to supply leakage losses for closed loop operation. For open loop a provision for back pressure in the low pressure line must be used to keep the pistons in close contact with the cam.

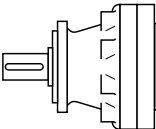
These motors can be valved into free wheeling by venting both the main ports, and pressurizing the case to 3 to 5 bar. Maximum speed is dependant on displacement. The displacement speed range is 300 to 900 RPM. The case must be kept pressurized to at least 30 PSI above the pressure on either main port during free wheeling. These motors should not be connected in series without consulting the factory.



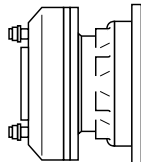
**Flanged Housing C**  
Available for type  
**MCR 05, MCR 10,**  
**MCR 15, and MCR 20**



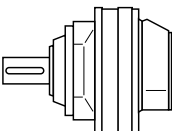
**Flanged Housing F**  
Available for type  
**MCR 03, MCR 05,**  
**MCR 10, and**  
**MCR 15**



**Flanged Housing D**  
Available for type  
**MCR 03, MCR 05,**  
**and MCR 10**



**Flanged Housing F**  
with automotive  
brake available for  
**MCR 03, MCR 05,**  
**and MCR 10**



**Flanged Housing E**  
Available for type  
**MCR 05**