

# Oildyne

## 09 Series Hydraulic Gear Motor

*Pressures to 345 bar (5000 psi)*

*Speeds to 25,000 rpm*

*Torque to 7.3 n-m (65 in-lbs)*



- Concentric Center Drive
- Face or Flange Mounting
- Instantly Reversible
- Variety of Shaft Options
- Compact Size

### Motor Data

Rotation - Bi-Directional

Displacement - 1.48 cc/rev (.09 cipr)

Torque - Approximately 1.47 n-m/70 bar (13 in-lbs/1,000 psi)

Max Speed - 25,000 rpm

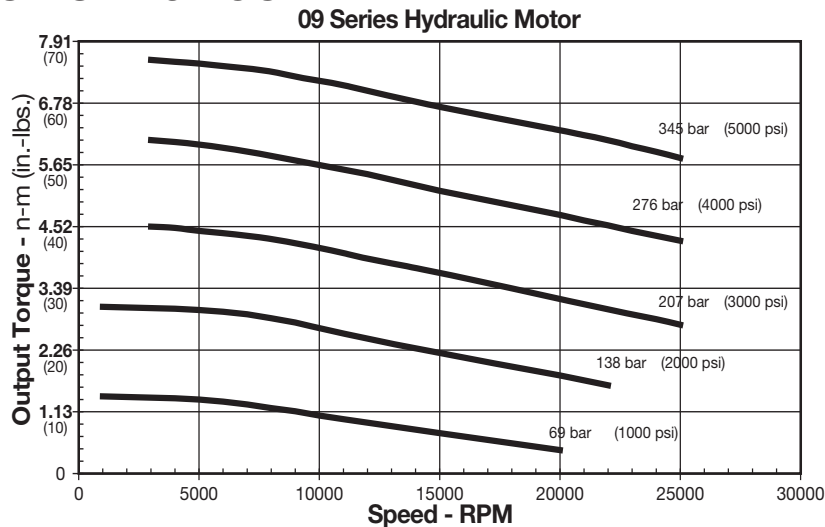
Max Pressure - 345 bar (5,000 psi)

Max Torque - 7.3 n-m (65 in-lbs)

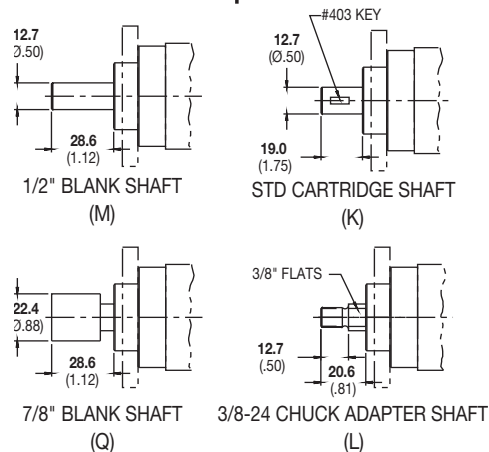
Starting Torque - Approximately 1.36 n-m/70 bar (12 in-lbs/1,000 psi)

Static Slip - 541 cc/70 bar (33 CIPM/1,000 psi)

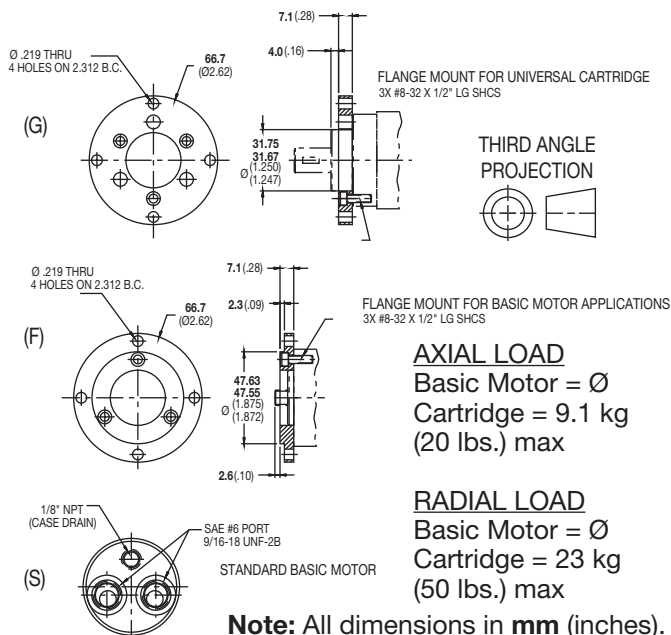
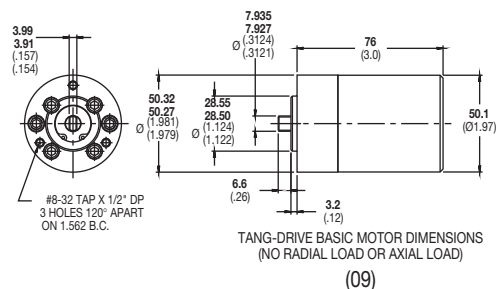
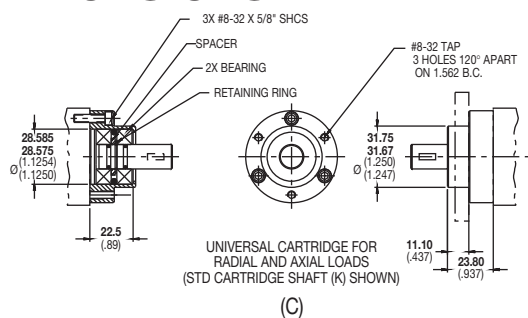
## Performance



### Shaft Options



## Dimensions



### AXIAL LOAD

Basic Motor = Ø  
 Cartridge = 9.1 kg  
 (20 lbs.) max

### RADIAL LOAD

Basic Motor = Ø  
 Cartridge = 23 kg  
 (50 lbs.) max

**Note:** All dimensions in mm (inches).

## Standard Product Ordering Code

**09 S - G - C K - P**

- Basic Motor**  
09
- Porting**  
A — Auto Case Drain — Single Rotation Only (Specify Rotation From Shaft End)  
S — Case Drain
- Mounting**  
D — Face Mounting — Basic Motor  
E — Face Mounting — Cartridge Motor  
F — Flange Mounting — Basic Motor  
G — Flange Mounting — Cartridge Motor
- Cartridge**  
C — Universal Cartridge  
N — Basic Motor W/O Cartridge
- Seals (Fluid)**  
P — Oil  
T — Other (Specify)
- Shaft**  
B — Basic Motor Shaft  
K — Cartridge Shaft Extension — Std.  
L — Cartridge Shaft Extension — 3/8-24  
M — Cartridge Shaft Extension — 1/2" Blank  
Q — Cartridge Shaft Extension — 7/8" Blank

**Note:** Specifications subject to change without notice.  
 Performance data is for reference only.