

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

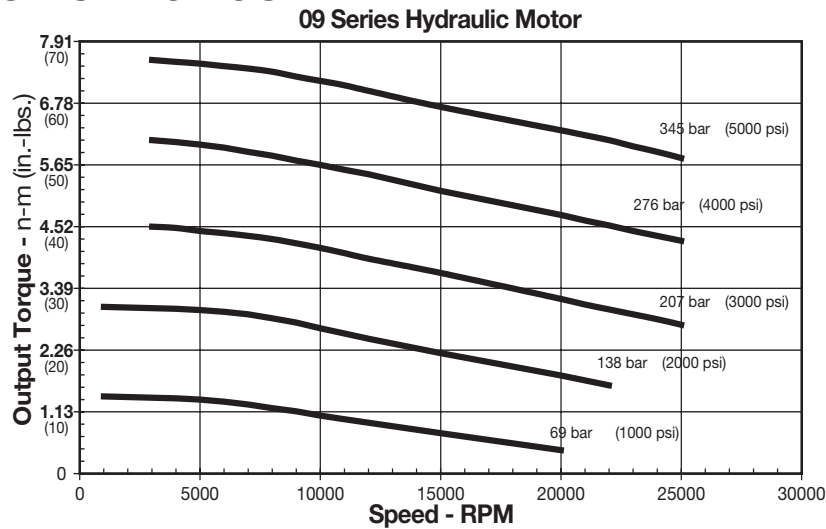
Max Pressure - 345 bar (5,000 psi)

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

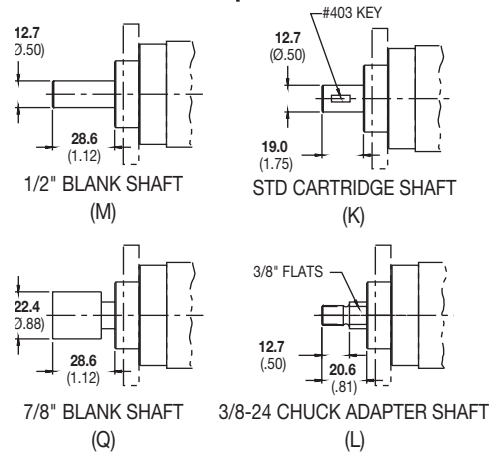
Starting Torque - Approximately 1.36 n-m/70 bar (12 in-lbs/1,000 psi)

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

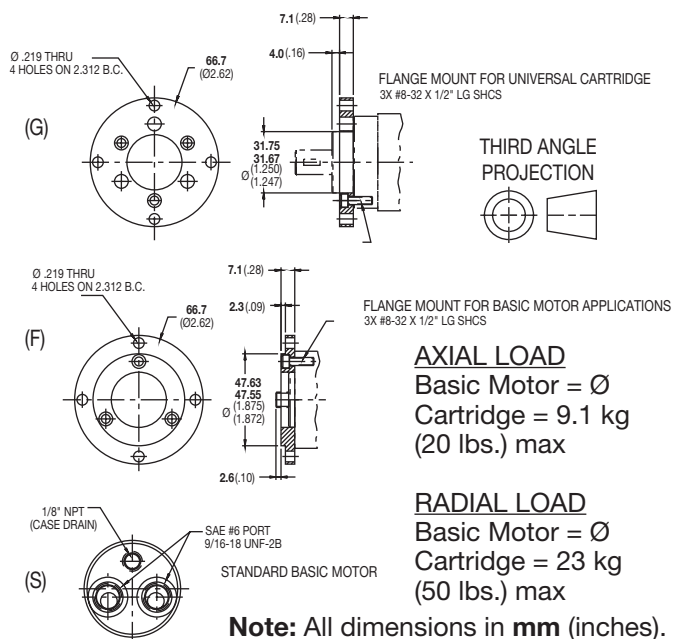
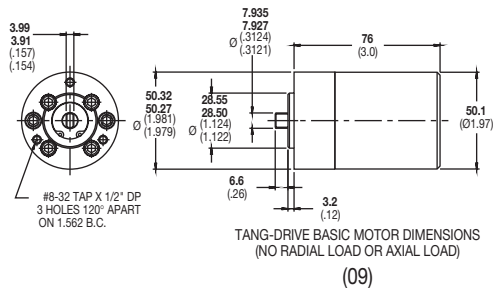
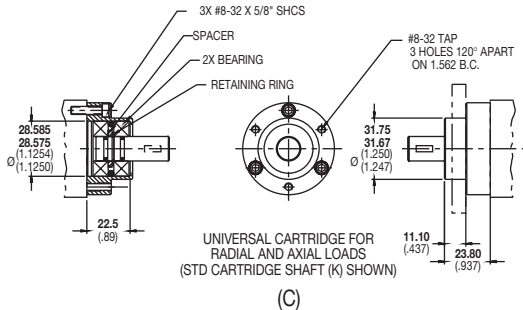
Performance



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
S — Case Drain (Specify Rotation From Shaft End)

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.