Hydraulic Motor - Page 1 of 2

View Online at https://aerobasegroup.com/nsn/1650-00-079-4630



Torque Load Rating:

220.0 inch-pounds

Spline Minor Diameter:

0.550 inches

Spline Major Diameter:

Between 0.645 inches and 0.650 inches

Mounting Type:

Flange

Spline Quantity:

12

Mounting Hole Diameter:

Between 0.339 inches and 0.354 inches

Mounting Hole Quantity:

4

Operating Speed At Rated Capacity In Rpm:

2400.0

Pitch Diameter:

0.600 inches

Drive Shaft Type:

Splined, involute external

Shaft Rotation Direction:

Clockwise and counterclockwise

Shaft Protrusion Length:

1.060 inches

Spline Pitch:

20/40

Connection Quantity:

2 and 1 and 1

Connection Type:

Outlet

Connection Design:

Threaded and threaded and threaded

Spline Pressure Angle In Deg:

30.0

Spline Length:

0.812 inches

Drive Shaft Government Standard:

And 10261

Mounting Government Standard:

And 10261

Displacement Type:

Variable

NSN 1650-00-079-4630

Hydraulic Motor - Page 2 of 2



Constant Displacement Per Revolution:

0.660 cubic inches

Connection Government Specification/std:

Ms33649-4, ms33642-8 and ms33642-8

Mounting Bolt Hole Spacing:

3.536 in. By 3.536 in.

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

Yes - demil/mli

Fiig:

T103-f