NSN 4320-01-451-6374

Hydraulic Motor - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/4320-01-451-6374

Thread Direction:
Right-hand
Torque Load Rating:
5850.0 inch-pounds
Spline Minor Diameter:
1.040 inches
Spline Major Diameter:
1.250 inches
Mounting Type:
Flange
Spline Quantity:
14
Mounting Hole Diameter:
Between 0.557 inches and 0.572 inches
Mounting Hole Quantity:
2
Thread Size:
0.875-14 and 0.875-14 and 0.4375-20
Operating Speed At Rated Capacity In Rpm:
308.0
Pitch Diameter:
1.167 inches
Drive Shaft Type:
Splined, involute external
Housing Material:
Steel
Screw Thread Series Designator:
Unf
Shaft Rotation Direction:
Clockwise and counterclockwise
Thread Location:
Internal
Shaft Protrusion Length:
1.790 inches
Spline Pitch:
12/24
Connection Quantity:
1 and 1 and 1
Connection Type:
Inlet and outlet and drain
Maximum Working Pressure Rating At Specificationified Tempurature Range:
3000psi at 180 degrees f

NSN 4320-01-451-6374 Hydraulic Motor - Page 2 of 2



Connection Design:
Threaded
Spline Pressure Angle In Deg:
30.0
Spline Length:
1.300 inches
Displacement Type:
Constant
Constant Displacement Per Revolution:
245.0 cubic centimeters
Mounting Bolt Hole Spacing:
5.75in.
Special Features:
Eaton char-lynn 2000 series geroler motor; sae b 2-bolt mounting flange
Reference Data And Literature:
Eaton char-lynn, cat. 11-878
Shelf Life:
N/a
Unit Of Measure:
-
Demilitarization:
No
Filg:
Г103-f