

View Online at <https://aerobasegroup.com/nsn/1650-01-072-3678>

Thread Direction:

Right-hand and right-hand

Torque Load Rating:

400.0 inch-pounds

Spline Minor Diameter:

0.550 inches

Spline Major Diameter:

0.650 inches

Mounting Type:

Flange

Spline Quantity:

15

Mounting Hole Diameter:

0.344 inches

Mounting Hole Quantity:

4

Thread Size:

0.750-16 and 0.437-20

Operating Speed At Rated Capacity In Rpm:

4500.0

Mounting Bolt Circle Diameter:

5.000 inches

Pitch Diameter:

0.600 inches

Drive Shaft Type:

Splined, involute external

Screw Thread Series Designator:

Unf and unf

Shaft Rotation Direction:

Clockwise and counterclockwise

Thread Location:

Internal and internal

Spline Pitch:

16/32

Connection Quantity:

1 and 1

Connection Type:

Inlet and outlet

Maximum Working Pressure Rating At Specificationified Temperature Range:

3000psi at minus 65 degrees f to plus275 degrees f

Connection Design:

Threaded and threaded

Spline Pressure Angle In Deg:

50.0

Spline Length:

0.812 inches

Displacement Type:

Constant

Connection Government Specification/std:

Ms33649-8 and ms33649-4

Fsc Application Data:

Aircraft hydraulic systems

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

T103-f