

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