

View Online at <https://aerobasegroup.com/nsn/1650-01-038-5103>

Thread Direction:

Right-hand

Torque Load Rating:

34.0 inch-pounds

Spline Minor Diameter:

Between 0.347 inches and 0.350 inches

Spline Major Diameter:

Between 0.406 inches and 0.409 inches

Mounting Type:

Face

Spline Quantity:

12

Mounting Hole Diameter:

Between 0.271 inches and 0.291 inches

Mounting Hole Quantity:

4

Thread Size:

0.375-24 and 0.500-20

Operating Speed At Rated Capacity In Rpm:

3750.0

Pitch Diameter:

0.375 inches

Drive Shaft Type:

Splined, involute internal

Screw Thread Series Designator:

Unf

Shaft Rotation Direction:

Clockwise

Thread Location:

Internal

Spline Pitch:

32/64

Connection Quantity:

3

Connection Type:

Drain and inlet and outlet

Maximum Working Pressure Rating At Specificationified Temperature Range:

3000 psi at minus 65 degrees f to plus 275 degrees f

Connection Design:

Threaded

Spline Pressure Angle In Deg:

30.0

Spline Length:

Between 0.650 inches and 0.710 inches

Displacement Type:

Constant

Connection Government Specification/std:

Ms33649-3 and ms33649-5 and ms33649-5

Mounting Bolt Hole Spacing:

0.935 in. By 0.935 in.

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

T103-f