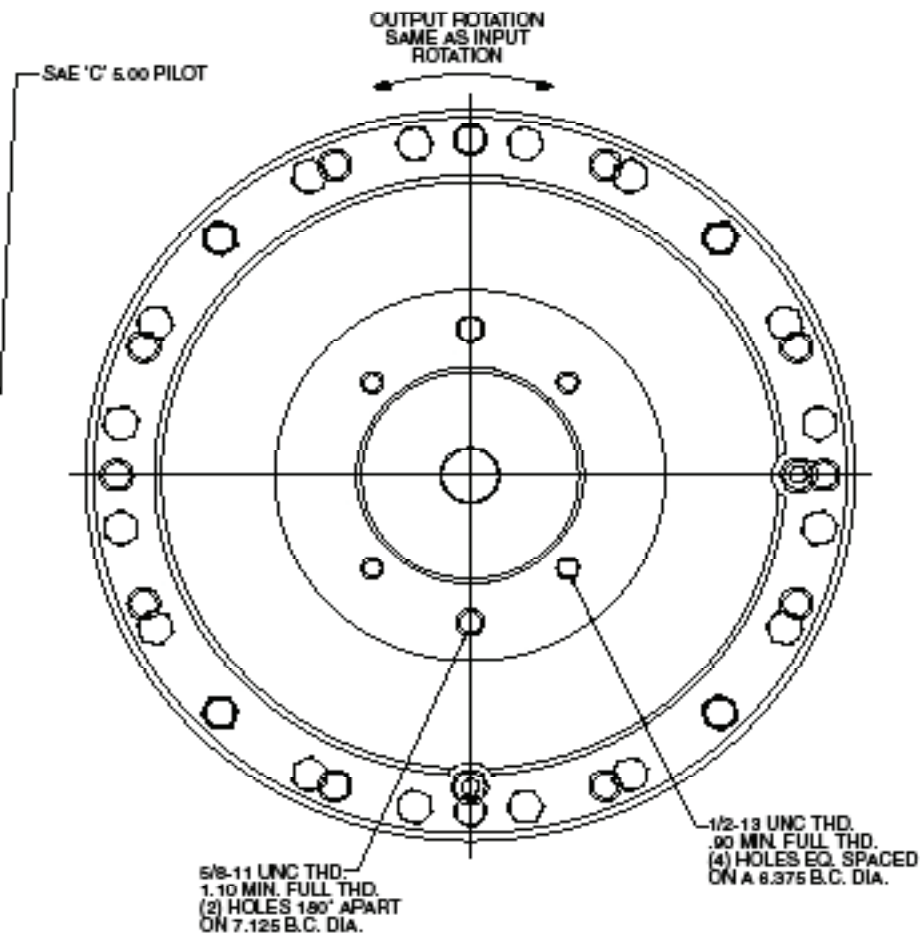
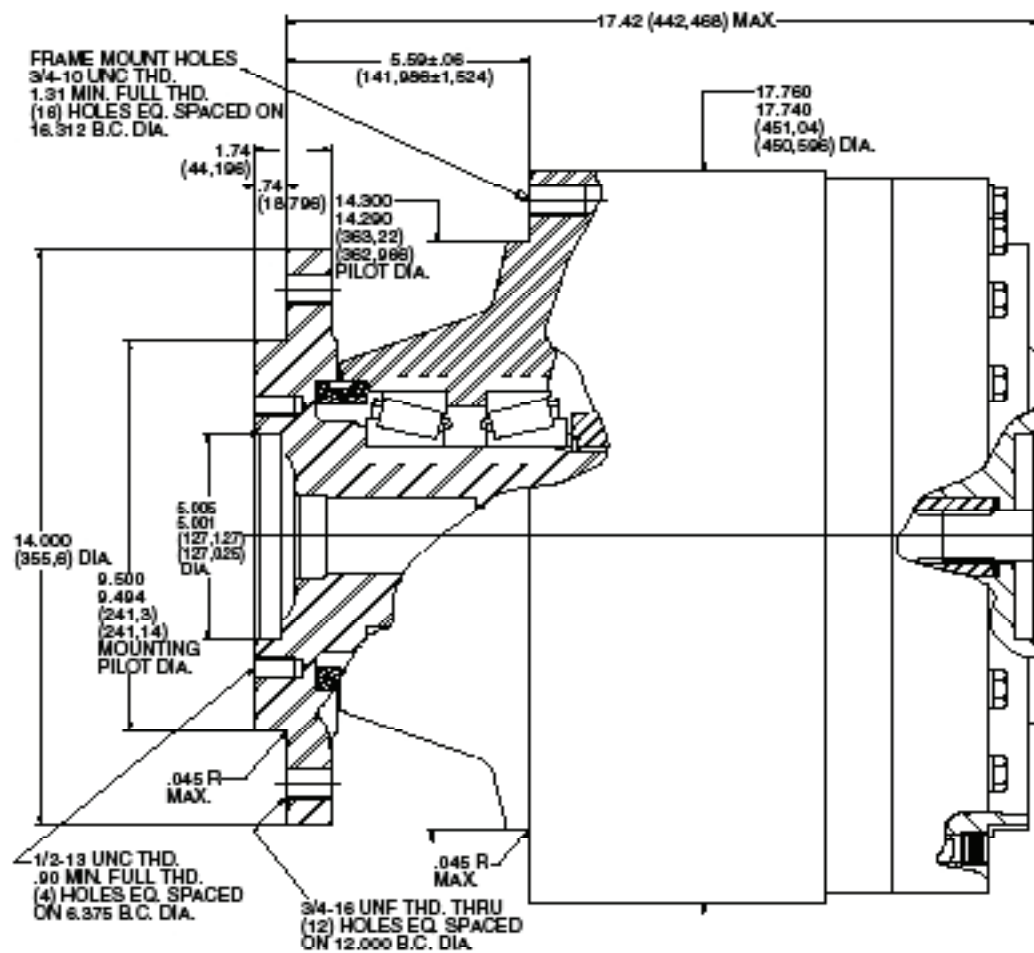


TORQUE-HUB®

Planetary Final Drives



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Catalog prints are representative of the units.
Before final design request a certified print from Fairfield.

NOTE: MM SHOWN IN ()
MOTOR CAVITY DIMENSIONS VARY WITH MODEL

OTHER MODELS ALSO AVAILABLE
FAIRFIELD BRAKE AVAILABLE

S10B4

Performance Data

Continuous	Intermittent	Peak
125,000 lb-in	250,000 lb-in	300,000 lb-in
10,417 ft-lb	20,833 ft-lb	25,000 ft-lb
14,113 Nm	28,227 Nm	33,877 Nm
1,440 Kg-m	2,880 Kg-m	3,456 kg-m

For ultimate torque and horsepower capacities, contact a Torque-Hub® representative. Note: Oil level and type will vary with specific model and application.

Speed Limitations

Input Speed: 1,500-1,800 RPM Maximum Intermittent

(Please contact Fairfield for speed limitations and horsepower.)

Weight

Approximately 700 lbs (315kg)

Note: Specific models will change weights.

S10B4 Model Formula

S 10 B 4 0 0 4 4 7 0

S- Torque Hub Spindle Output

10- Series

	Spindle		Hub	
	Flange Mounting Dia.	B.C.	Mounting Dia.	B.C.
B4	9.500 9.494	(12) 3/4 - 16 12.000 B.C.	14.300 14.290	(16) 3/4-10 16.312 B.C.

Oil

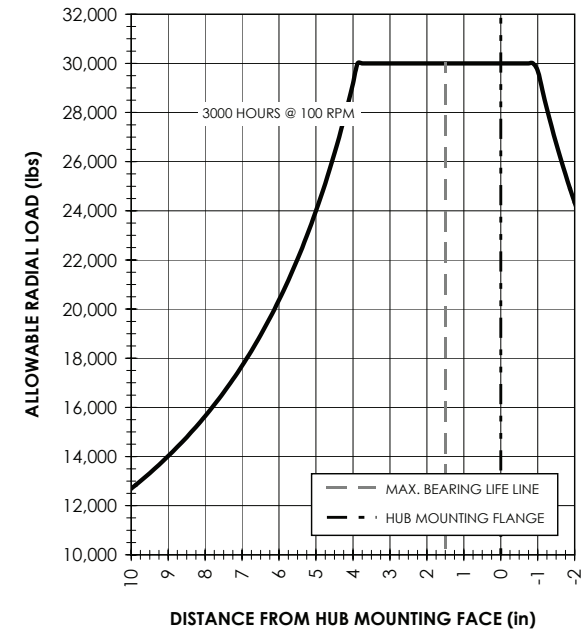
Fill to half full with 90 weight gear lube with EP additive on most applications.

Approximate Volume 150 oz.(4.68quarts)

Conditions of Bearing Curve

Note: Contact Fairfield for Conditions of Bearing Curve.

Bearing Curve



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First in Custom Gears and Drive Systems
www.fairfieldmfg.com

Reduction
44 – 44.8:1
59 – 58.4:1
70 – 70.7:1
81 – 81.3:1
99 – 99.0:1
124 – 124.2:1

Input
4 – 14T, 12/24 Spline

Motor Mount
4 – S.A.E. "C" (5.005/5.001) Pilot 2 Bolt and 4 Bolt

Special Features
0 – Not Available

Studs
0 – Not Included