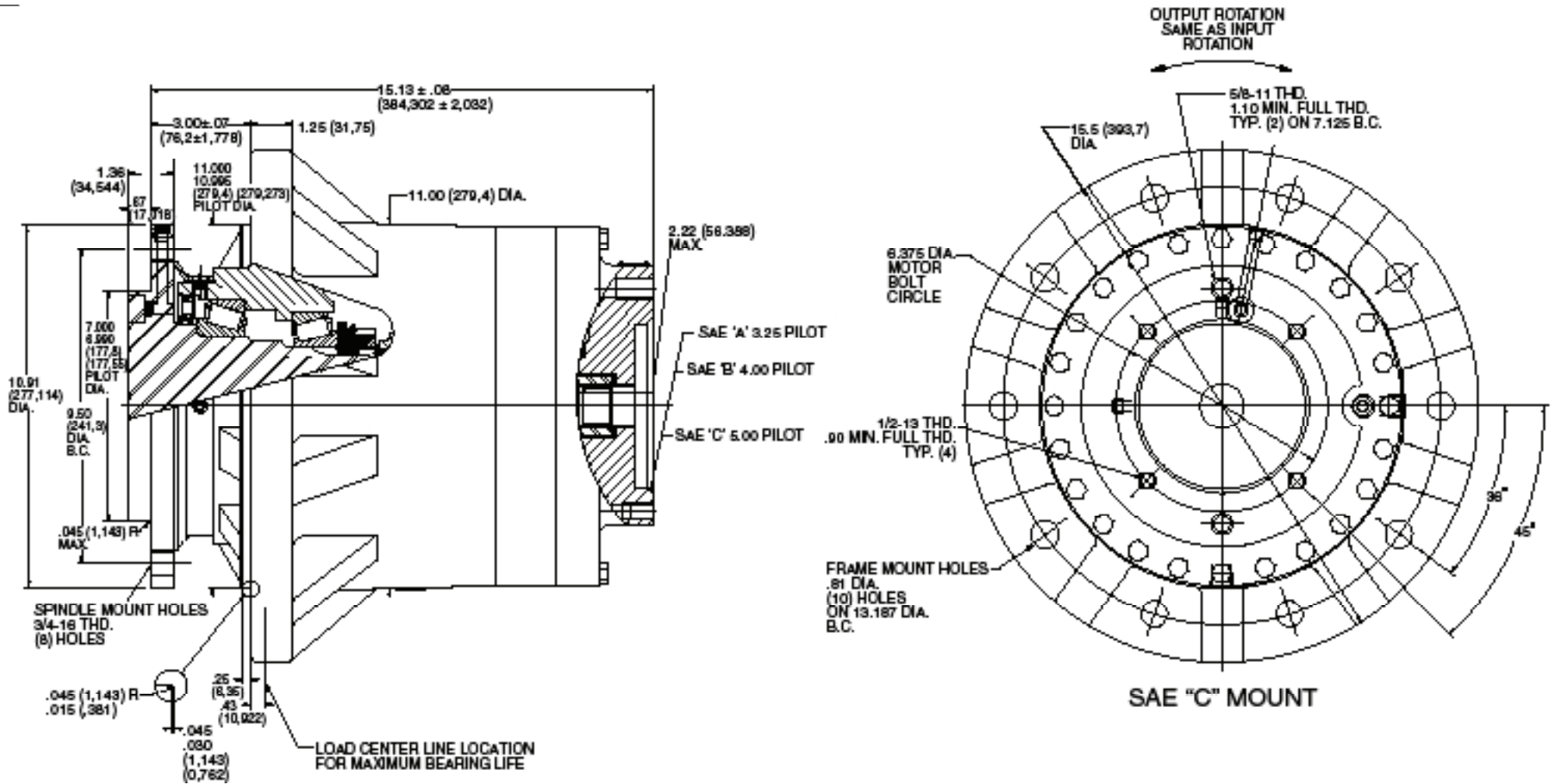


TORQUE-HUB
Planetary Final Drives



oerlikon
fairfield

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

S6B3

Performance Data

Continuous	Intermittent	Peak
60,000 lb-in	120,000 lb-in	150,000 lb-in
5,000 lb-ft	10,000 lb-ft	12,500 ft-lb
6,779 Nm	13,558 Nm	16,950 Nm
691 kg-m	1,383 kg-m	1,725 kg-m

For ultimate torque and horsepower capacities, contact a Torque-Hub® representative.

Speed Limitations

Input Speed: 5,000 RPM Maximum Intermittent

(Contact Fairfield for specific speed information.)

Weight

Approximately 315 lbs (143kg) without Brake

Note: Specific models will change weights.

S6B3 Model Formula

Oil

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

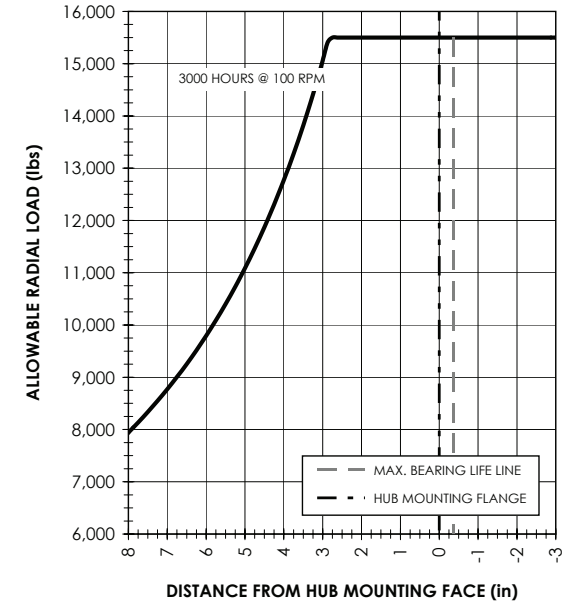
Approximate Volume 50 oz. (1.56quarts)

Note: Oil level and type will vary with specific model and application.

Conditions of Bearing Curve

Note: Contact Fairfield for Conditions of Bearing Curve.

Bearing Curve



S 6 B3 4 4 32

S – Torque-Hub® Spindle Output

6 – Series

	Spindle		Hub	
	Flange Mounting Dia.	B.C.	Mounting Dia.	Flange B.C.
B3	7.000 6.990	(8) 3/4 - 16 9.500 B.C.	11.000 10.995	(10) .828/.798 13.187 B.C.

Motor Mount

- 2 – S.A.E. "A" (3.225/2.251) Pilot 4 Bolt and 6 Bolt
- 3 – S.A.E. "B" (4.005/4.001) Pilot 2 Bolt
- 4 – S.A.E. "C" (5.005/ 5.001) Pilot 2 Bolt

Reduction

- 13 – 13.07:1
 - 16 – 15.26:1
 - 19 – 19.04:1
 - 26 – 25.96:1
 - 32 – 32.31:1
 - 42 – 41.54:1
- (42:1 Only with S6B2, S6B4)

Input

- 3 – 13T, 16/32 Spline
- 4 – 14T, 12/24 Spline
- 6 – 6B Parallel Side Spline
Major Dia. 1.00"
- 8 – 15T, 16/32 Spline

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