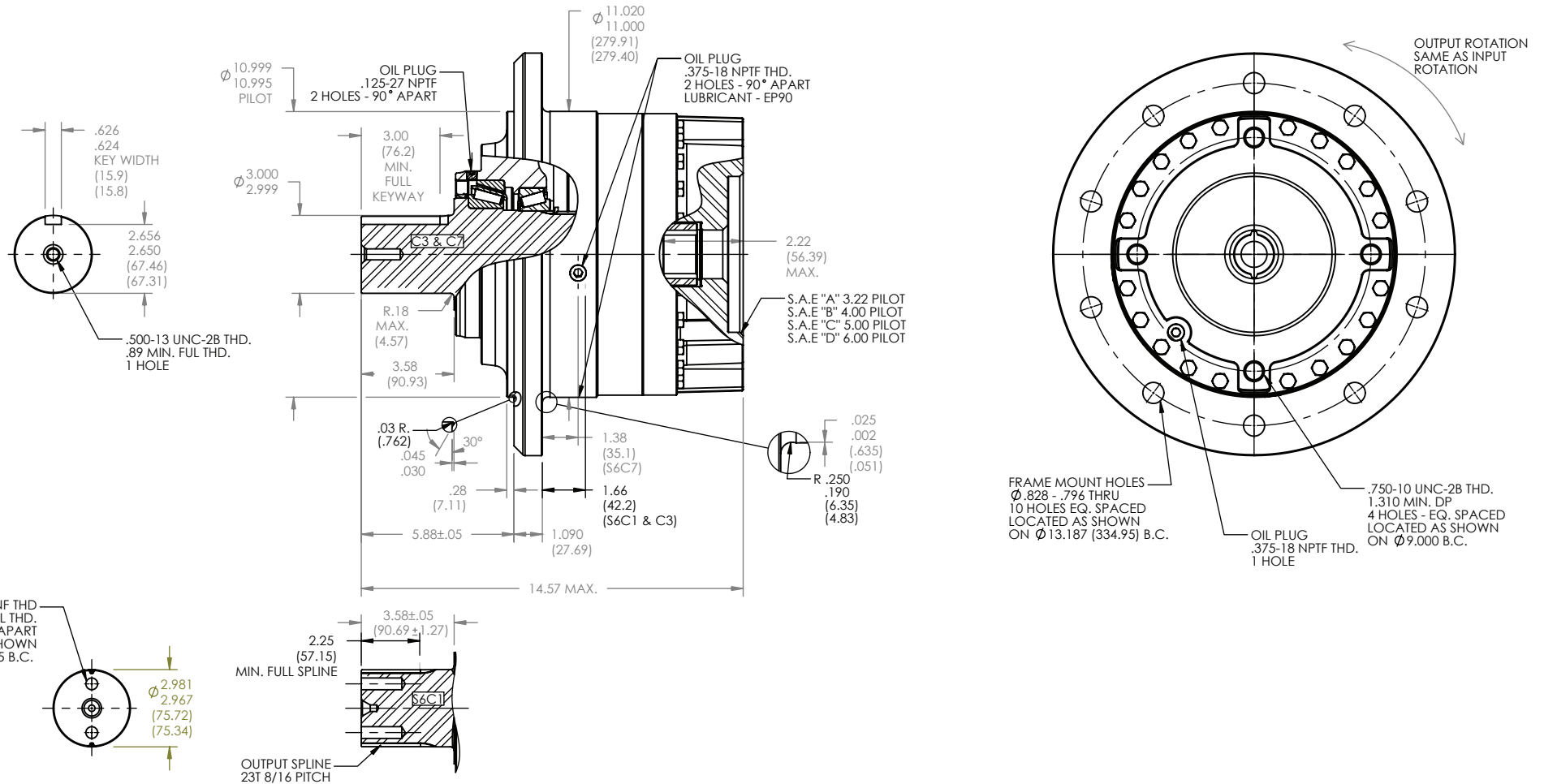


**TORQUE-HUB®**  
Planetary Final Drives



**æerlikon**  
**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

## S6C

### 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
6,774 Nm	13,549 Nm	16,950 Nm
691 kg-m	1,382 kg-m	1,725 kg-m

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

### Speed Limitations

**Maximum Continuous Input Rpm:** 1,500  
**Maximum Intermittent Input Rpm:** 2,500

(Contact Fairfield for specific speed information)

### Weight

**Approximately 205 lbs (93kg) without Brake**

Note: Specific models will change weights.

### S6C7 Model Formula

**S 6 C7 4 4 4**

### S – Torque-Hub® Shaft Output

#### 6 – Series

	Shaft	Hub	
	Configuration	Hub Flange Thickness	Flange B.C.
C1	2.981" Dia. 23T, 8/16 Spline	1.09	(10) .828/.798 Holes 13.187 Dia. B.C.
C7	3.00" Dia. 5/8" Keyway	1.09	(10) .828/.798 Holes 13.187 Dia. B.C.

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### Oil

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

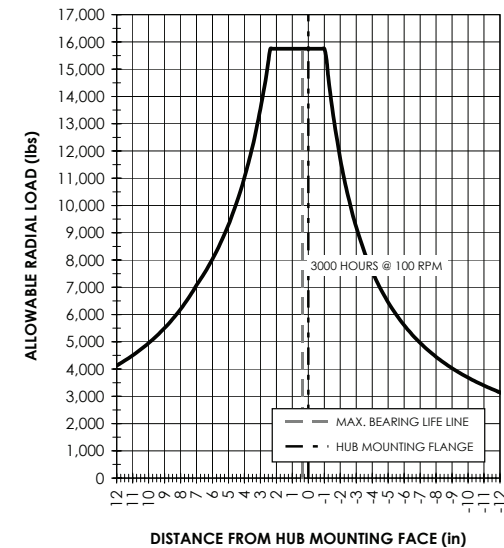
**Approximate Volume** 40oz. (1.25 quarts)

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



### Reduction

4 – 3.75:1  
 \*45 – 4.50:1  
 5 – 4.67:1  
 6 – 6.00:1  
 (\*Available in 13T, 8/16 Only)

### Input

3 – 13T, 16/32 Spline  
 4 – 14T, 12/24 Spline  
 5 – 13T, 8/16 Spline  
 \*7 – 21T, 16/32 Spline  
 \*(Available in 4:1 only)

### Motor Mount

2 – S.A.E. "A" (3.225/3.251) Pilot 4 Bolt and 6 Bolt  
 3 – S.A.E. "B" (4.005/ 4.001) Pilot (2) 2 Bolt and 4 Bolt  
 4 – S.A.E. "C" (5.005/ 5.001) Pilot 2 Bolt and 4 Bolt  
 5 – S.A.E. "D" (6.005/ 6.001) Pilot 4 Bolt