

Tubing Injector Drives

Oerlikon Fairfield's TB045, TB065 and TB113 drives are engineered to meet the unique requirements for tubing injector equipment.

Markets

- Tubing Injectors for Oil & Gas Production

TB045 Model Formula

TB 045 B A 5 Z Z 060

TB – Tubing Injector Drive

Frame Size / Output Torque Capacity
45 - 398,000 lb-in (45,000 Nm) Max. Intermittent

Housing Configuration
B – Ø0.788/0.778 (14 Holes on 16 Hole Pattern)
on Ø15.750 B.C. (400.05 mm)

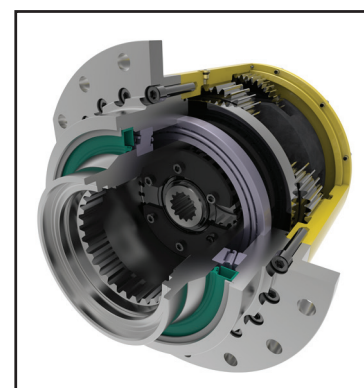
Output Configuration
A – 29T 5/10 DP 30° PA per ANSI B (Internal)
E – N160 X 5 X 30 X 9H per DIN 5480

Input Spline
5 – 13T, 8/16
F – W45 X 2 X 21 X 9g per DIN 5480

Special Features
Z – None
B – Cover Allowance for Sight Glass

Special Features
Z – None

Reduction
60 – 60.38:1
42 – 42.17:1



TB045

Oerlikon Fairfield

2400 Sagamore Pkwy S. / PO Box 7940, Lafayette, IN 47903 (USA)

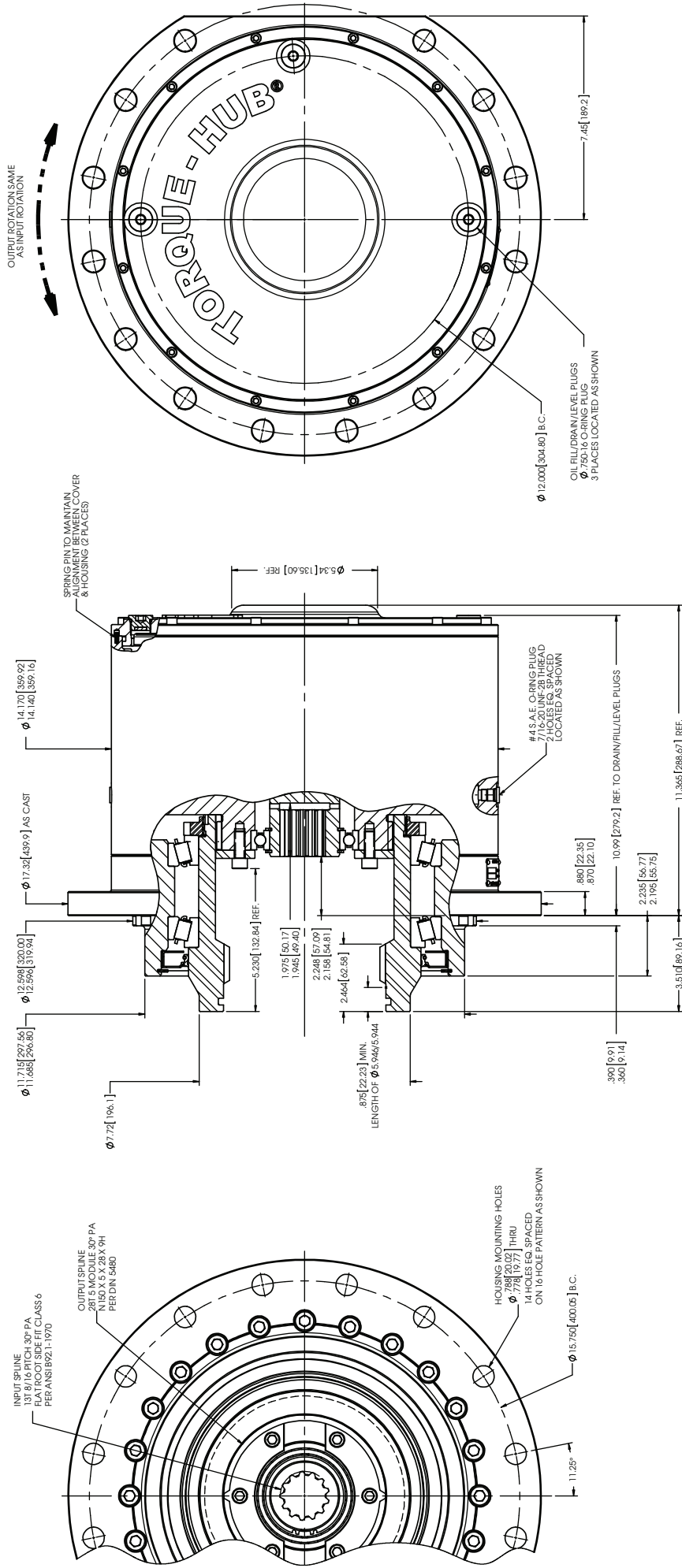
T +1.765.772.4000 | F +1.765.772.4001

marketing@fairfieldmfg.com

www.oerlikon.com/fairfield

TB045

Specifications Sheet



Tubing Injector Drives

Oerlikon Fairfield's TB045, TB065 and TB113 drives are engineered to meet the unique requirements for tubing injector equipment.

Markets

- Tubing Injectors for Oil & Gas Production

TB065 Model Formula

TB 065 A A 5 Z Z 078

TB – Tubing Injector Drive

Frame Size / Output Torque Capacity
65 - 575,000 lb-in (65,000 Nm) Max Intermittent

Housing Configuration
A – Ø0.788/0.778 (16 Holes)
on Ø15.750 B.C. (400.05 mm)

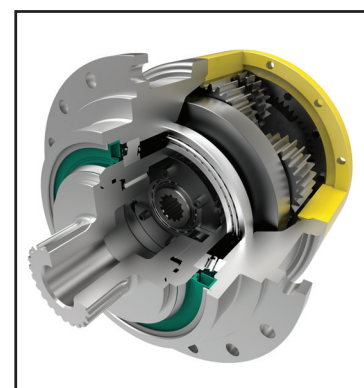
Output Configuration
A – 29T 5/10 DP 30° PA per ANSI B92.1 (Internal)
E – N160 X 5 X 30 X 9H per DIN 5480

Input Spline
5 – 13T, 8/16

Special Features
Z – None
B – Cover Allowance for Sight Glass

Special Features
Z – None

Reduction
71 – 70.94:1
78 – 78.17:1



TB065

Oerlikon Fairfield

2400 Sagamore Pkwy S. / PO Box 7940, Lafayette, IN 47903 (USA)

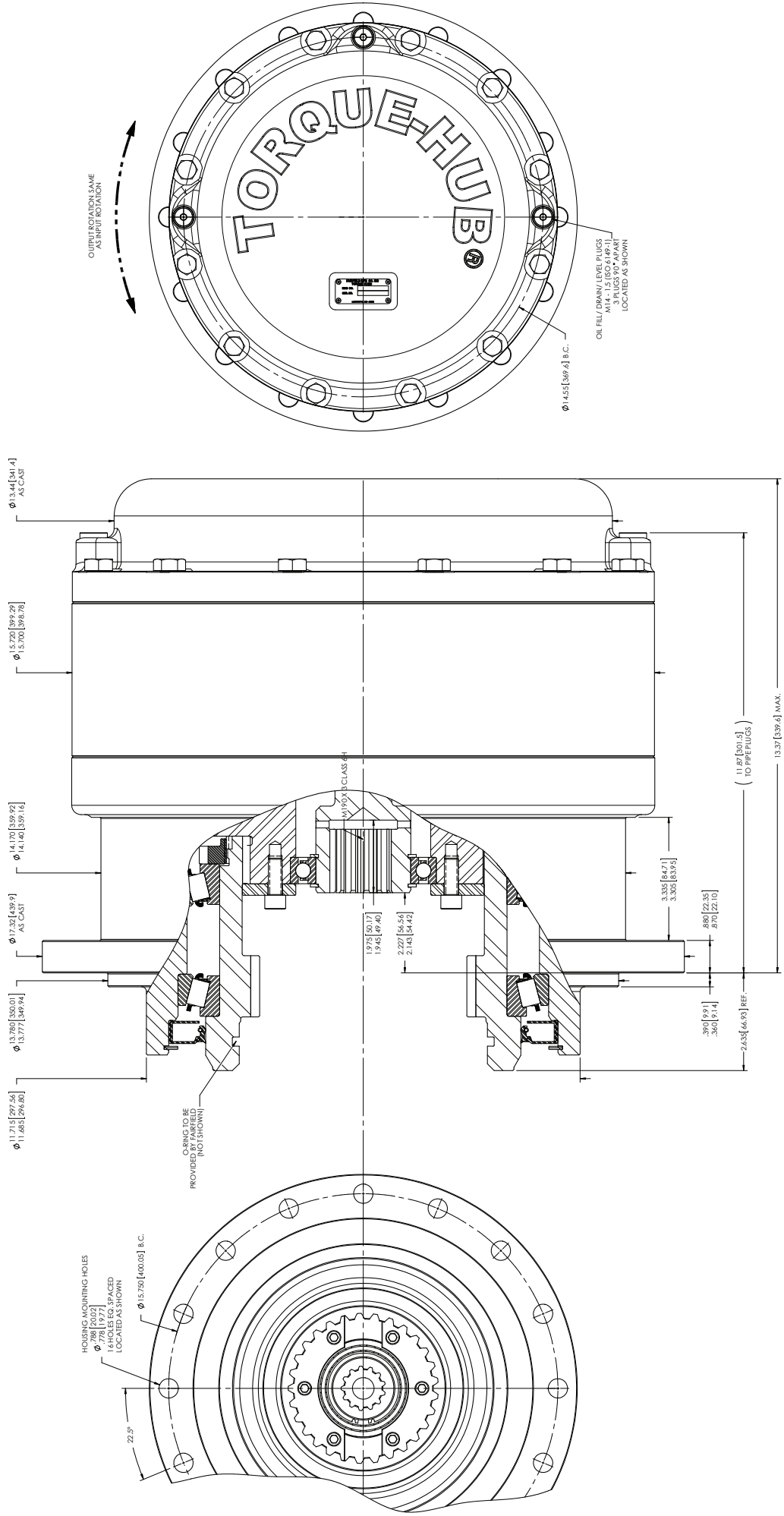
T +1.765.772.4000 | F +1.765.772.4001

marketing@fairfieldmfg.com

www.oerlikon.com/fairfield

TB065

Specifications Sheet



Tubing Injector Drives

Oerlikon Fairfield's TB045, TB065 and TB113 drives are engineered to meet the unique requirements for tubing injector equipment.

Markets

- Tubing Injectors for Oil & Gas Production

TB113 Model Formula

TB 113 B B 5 Z Z 077

TB – Tubing Injector Drive

Frame Size / Output Torque Capacity

113 - 1,000,000 lb-in (113,000 Nm) Max. Intermittent

Housing Configuration

B – Ø22mm (22 Holes) on Ø22.385 B.C. (568.58 mm)

Output Configuration

B – 36T 6/12 DP 30°PA per ANSI B92.1 (Internal)

Input Spline

5 – 13T, 8/16

Special Features

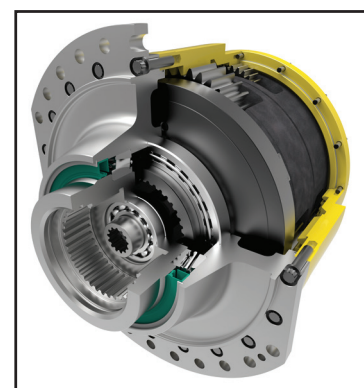
Z – None
B – Cover Allowance for Sight Glass

Special Features

Z – None

Reduction

71 – 71.47:1
77 – 76.89:1
87 – 86.69:1
103 – 102.92:1



TB113

Oerlikon Fairfield

2400 Sagamore Pkwy S. / PO Box 7940, Lafayette, IN 47903 (USA)

T +1.765.772.4000 | F +1.765.772.4001

marketing@fairfieldmfg.com

www.oerlikon.com/fairfield

