



ERAOS-DTA-700BTC29L80N80
REV2.0
DATE: 26/09/23

# ERA TorQ

## 7.00 BTC 29ppf L80 / N80

### Pipe

Plain End Weight	Wall Thickness	Inside Diameter	Drift Diameter	Pipe grade	Body Yield Strength	Internal Yield	Collapse Pressure
Lbs/Ft	Inches	Inches	Inches		Lbs	PSI	PSI
29.00	0.408	6.184	6.059	L80 / N80	676,000	8,160	7,020

### Connection Dimensions with ring

Coupling Outside Diameter	Connection Yield Strength	REGULAR Coupling Length	REGULAR Make-up Loss	ERA TorQ ring height	ERA TorQ ring OD	ERA TorQ ring ID
Inches	Lbs	Inches	Inches	Inches	Inches	Inches
7.656	718000 L80 / 746000 N80	10.000	4.500	0.921	6.730	6.184

### Torque

FT LBS APPLIED	Min Make up	MAX NO TORQUE TURN	MAX WITH TORQUE TURN
PIN / RING CONTACT	7,000	7,000	7,000
DELTA TORQUE	7371	14,743	18,430
Total	14,371	21,743	25,430

Note 1: For maximum field efficiency ensure that TT computer monitoring is used if maximum torque figure is required. Note 2: Delta torque yield point of torque ring is 36,859 ftlbs. This means that the torque ring will collapse if you apply 36,859 ftlbs of Delta torque into the torque ring itself, excluding your pin / ring contact torque with triangle down.

For further information on field application parameters please contact:  
 ERA Oilfield Service (Thailand) Co Ltd., 66/69 Moo 4, Soi 17, Phayun, Ban Chang, Rayong, Thailand 21130.  
 Tel: +66 8 4345 8730 Email: jim.reid@eraoilfieldservices.com