

ANNEXURE-A

Technical specifications for Light Weight Torque Multiplier along with specialized reaction arm for torque enhancer:-

- | | |
|-------------------------------|---|
| 1) Torque Capacity (Metric) | : 400 – 4000 N·m |
| 2) Torque Capacity (Imperial) | : 300 – 3000 lbf·ft |
| 3) Gear ratio | : 16:1 to 25:1(Multiplication ratio). |
| 4) Input Square Drive | : 1/2" |
| 5) Output Square Drive | : 1" |
| 6) Accuracy | : better than + / - 3% to + / - 4% |
| 7) Weight | : Approx. 5.4 Kgs. (Tool only) |
| 8) Reaction Arm Weight | : Approx. 1.35 Kgs. |
| 9) Material | : Lightweight Aluminum |
| 10) Construction | : Compact, robust design with a corrosion-resistant finish. |

Key Features:-

- 1) Anti-Wind-Up Ratchet (AWUR): Contains the forces generated during tightening, enabling safer and more practical operation by eliminating backlash.
- 2) Versatile Reaction Arm: Supplied as standard with an aluminum reaction arm.
- 3) Precision Monitoring: Can be fitted with an electronic torque transducer for exact torque monitoring.
- 4) Traceable Calibration: Supplied with a calibration certificate confirming the precise multiplication ratio.

Signature Not
Verified
Digitally signed by
LAKSHMI PHANI
KUMAR BANDIREDDY
Date: 2026.05.19
16:06:12 IST
Reason: IRE PS-CRIS
Location: New Delhi