# SPECIFICATIONS

Accuracy ±1%

| MODEL | | CEM10N3X8D-G-BTA | CEM20N3X10D-G-BTA | CEM50N3X12D-G-BTA | CEM100N3X15D-G-BTA | CEM200N3X19D-G-BTA | CEM360N3x22D-G-BTA | CEM500N3x22D-G-BTA | CEM850N3x32D-G-BTA |
|---|---|---|---|---|---|---|---|---|---|
| TORQUE RANGE [N·m] | MIN. ~ MAX. | 2~10 | 4~20 | 10~50 | 20~100 | 40~200 | 72~360 | 100~500 | 170~850 |
| | 1 DIGIT | 0.01 | 0.02 | 0.05 | 0.1 | 0.2 | 0.4 | 0.5 | 1 |
| TORQUE RANGE [kgf·m] | MIN. ~ MAX. | 0.2~1 | 0.4~2 | 1~5 | 2~10 | 4~20 | 7.2~36 | 10~50 | 17~85 |
| | 1 DIGIT | 0.001 | 0.002 | 0.005 | 0.01 | 0.02 | 0.04 | 0.05 | 1 |
| TORQUE RANGE [lbf·ft] | MIN. ~ MAX. | 1.5~7.3 | 3~14.5 | 7.5~36 | 15~73 | 30~150 | 52~260 | 73.0~360 | 124~620 |
| | 1 DIGIT | 0.01 | 0.02 | 0.05 | 0.1 | 0.2 | 0.4 | 0.5 | 1 |
| OVERALL LENGTH | L' | 212 | 214 | 282 | 384 | 475 | 713 | 949 | 1387 |
| WEIGHT [kg] | | 0.54 | 0.55 | 0.66 | 0.71 | 0.86 | 1.21 | 4.08 | 5.22 |
| ANGLE RANGE | MIN. ~ MAX. | 0~999° | | | | | | | |
| | 1 DIGIT | 1° | | | | | | | |
| ANGLE ACCURACY | | +/-2° + 1 digit (Angular velocity is 30° / X~180° /s when the bolt turned to 90°) | | | | | | | |

| COMMUNICATION DIRECTION | Simple Output of Collected Data | Duplex: Sends Data in/out |
|---|---|---|
| MEMORY | 999 | None |
| CONTINUOUS USE | Approx. 8hrs | |
| Bluetooth® VERSION | Ver1.2 | |
| COMMUNICATION METHOD | AFH | |
| MODULATION METHOD | GFSK | |
| RADIO OUTPUT POWER | 4dBm | |
| TRANSMISSION POWER CLASS | Class2 | |
| PROFILE | SPP | |
| COMMUNICATION DISTANCE | Approx 10m | |

Standard accessories
Standard Accessories: Battery pack (BP-5), QH head, Quick battery charger (BC-3-G)

Note:

1. Trigger torque can be set between 5% of the maximum torque and up to the maximum.
2. Trigger torque set below the minimum torque range of the model is not guaranteed.
3. Applicable for use with Tohnichi Software: TDMS Tightening Data Managment in Measurment Mode. Ask about custom software to fit your specific needs.

# DIMENSIONS