



Application description

Multiple bolts in marine diesel engines have to be loosened and tightened at accurate torque values

Bolting examples for this application:

400 - 600 Nm (cylinder head studs)
Around 800 Nm (larger cylinder head studs)
1.050 - 1.150 Nm (crankshaft/flywheel)

RAD solution and USP's:

B-RAD SELECT BL 700 or BL 1400 with
sliding reaction arm art.nr. 25243

RAD SDM 680 or 1400 battery tool with 90
degrees angle, which is ideal for use in small
spaces.

Examples of manufacturers:

MTU, Caterpillar, Baudouin, Rolls-Royce,
Wärtsilä, Man, Cummins.

The conventional methods and drawbacks:

- **Hydraulic torque wrenches:**
expensive and slow
- **Impact wrenches:**
inaccurate, noise, vibrations
- **Manual torque wrenches:**
hard work for the operator

Specification of RAD tools and accessories:

- Special reaction arms
- Sliding reaction arm - PN: 25243
- Double safety button - PN: 25949

Target customers:

Marine diesel service and repair companies.

