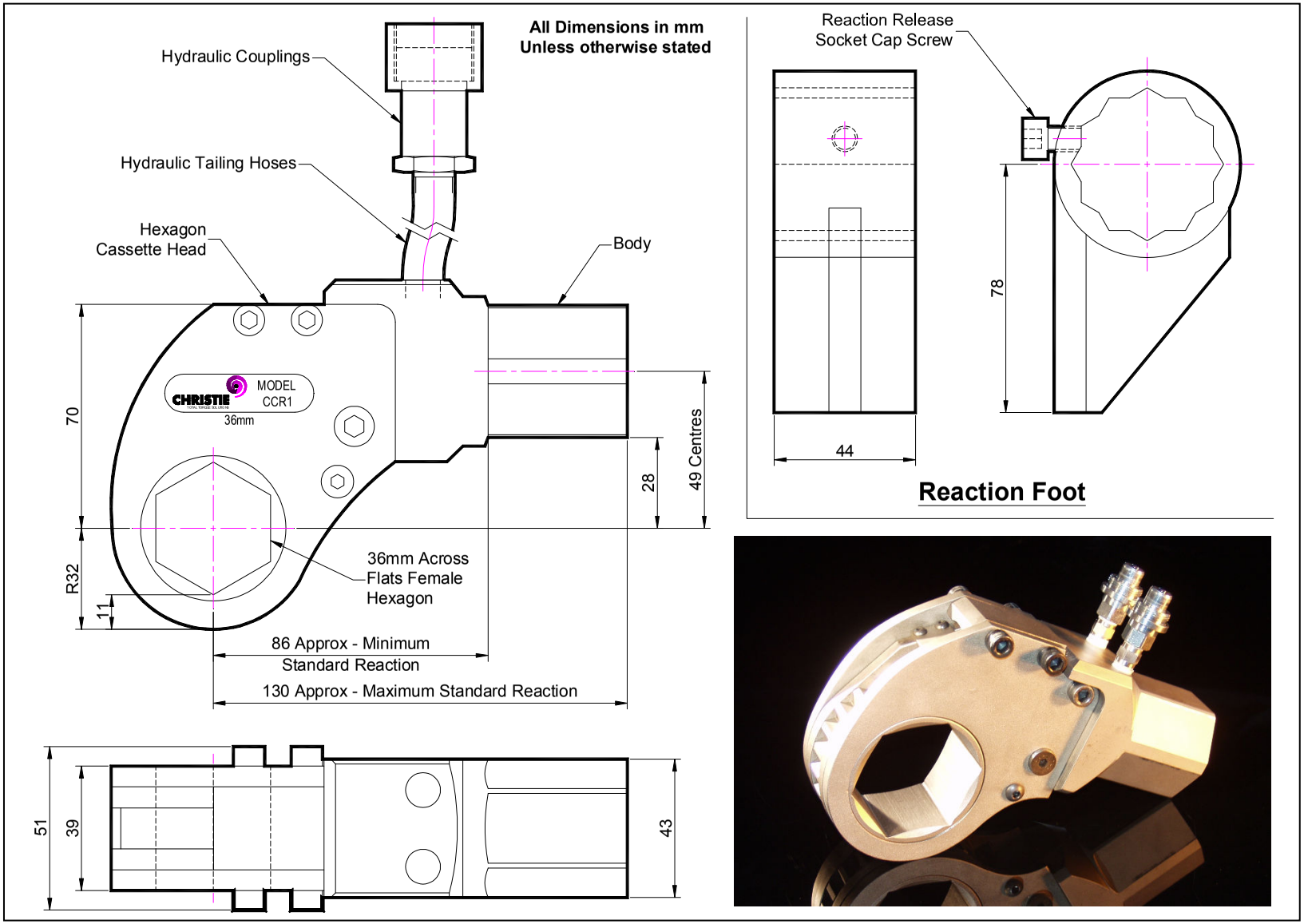
CHRISTIE
TOTAL TORQUE SOLUTIONS

CCR1 36mm A/F HEXAGON HYDRAULIC TORQUE WRENCH – TECHNICAL DATA



No statement or data within this literature is warranted or guaranteed to be accurate.

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DESCRIPTION

The CCR1 Hydraulic Torque Wrench is a direct fitting hydraulic driven power tool designed to accurately apply torque to tighten and remove threaded fasteners.

The wrench has an open hexagon designed to fit directly onto the nut or bolt head. This tooling is ideal for use on applications with limited overhead access or with fasteners having excessive thread protrusion.

Torque is controlled by regulating the hydraulic pressure via a separate hydraulic power pack. Corresponding pressure settings and torques are determined using the graph provided.

The reaction foot is rotatable and reversible to allow for tightening and un-tightening reaction positions. It is possible to remove the reaction foot and react with the tool body's hexagon section.

The CCR wrench must always be operated with the following:-

- Double Acting Hydraulic Power Pack capable of 10,000 psi (690 bar) with low pressure return
- Hydraulic Mineral Oil (None Synthetic, Grade 32 or equivalent)
- Hydraulic Hoses (Working Pressure 10,000 psi, 6mm Bore)

SPECIFICATION

Hexagon Size:	36mm (Female)
Torque Accuracy:	+/- 3%
Minimum Output Torque:	272 Nm (200 lbf.ft)
Maximum Output Torque:	1,360 Nm (1,000 lbf.ft)
Maximum Working Pressure:	690 bar (10,000 psi)
Maximum Return Pressure:	50 bar (725 psi)
Total Weight (Including Reaction):	~4Kg (8.82 lbs)
Wrench Port Size:	1/4" NPT

ACCESSORIES AVAILABLE

The following accessories are available upon request and can be custom made to suit requirements. Please contact W. Christie (Industrial) Limited for more information:-

- Special Reactions
- Alternative Hexagon Cassette sizes available
- Hexagon Reducing Sleeves (for use on smaller bolt sizes)
- Male Hexagon Adaptors
- Male Square Adaptors

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