

ENGINEER TO ORDER

SPECIAL PROJECT INFORMATION SHEET



Project Description	Custom Class 7 multiplier kit with hydraulic latching		
Date created	August 2016	Project Number	Q3730

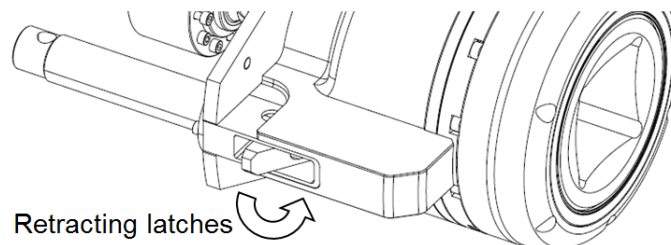
INTRODUCTION & APPLICATION

Oil & gas industry requirement for a custom Class 7 torque multiplier kit with hydraulic latching, for integration into a pressure compensated subsea intervention tool.

SOLUTION

Custom torque multiplier kit comprising: -

- Custom class 7 nose housing with 2-stage torque multiplication gearing.
- HT5 / 5 torque multiplier & connecting input shaft.
- Hydraulic latching system with fail-safe spring return cylinders.



TECHNICAL SPECIFICATION / DATA HIGHLIGHTS

Class 7; 34,000 N.m (25,000 lbf.ft) with 61:1 torque multiplication.
Customised nose to suit end user's special receptacle (non-standard narrow reaction wings).
Sealed for use to 3,000m (except input end), for connection to customer pressure compensation system.
High strength, lightweight materials for total weight in air of 59.9 Kg.