

# ENGINEER TO ORDER

SPECIAL PROJECT INFORMATION SHEET



Project Description	API Class 4-6 & 4-7 Wet Torque Multiplier Kit		
Date created	30 Jan 2012	Project Number	Q2174

## INTRODUCTION & APPLICATION

Oil & gas industry requirement for API class 4-6 and 4-7 wet intervention torque multipliers for subsea use

## SOLUTION

Modular kit having interchangeable nose & output drive parts that can be easily configured for class 6, class 7 short or class 7 standard output.



## TECHNICAL SPECIFICATION / DATA HIGHLIGHTS

Input: - API 17D class 4 rotary torque receptacle, 2,700 N.m maximum with 1 1/2" male square drive.  
Output: - 33,000 N.m maximum with female square drive adaptors - 3 1/2" (class 7) and 2 5/8" (class 6).  
Ratio: - 12.2:1 Mechanical advantage / 14.1:1 velocity ratio.  
Depth rating: - 3,000 metres with integral pressure compensation.  
Weight: - Class 7 standard 76 Kg in air / 54 Kg in water & Class 7 short 60 Kg in air / 54 Kg in water.  
Materials: - Manufactured from high strength lightweight materials for manipulation via an ROV.  
Storage: - Aluminium euro case with custom foam insert to house the entire kit.