

ENGINEER TO ORDER

SPECIAL PROJECT INFORMATION SHEET



Project Description	Handtorque 3.5:1 Subsea Special		
Date created	15 September 2010	Project Number	Q1952

INTRODUCTION & APPLICATION

Oil and gas industry sub-sea requirement for a compact torque multiplier with 3.5:1 ratio for incorporation into an ROV (Remotely Operated Vehicle) actuated device.

SOLUTION

Handtorque 3.5:1 subsea special for use in a hydraulic oil filled pressure compensation vessel.
Mounting hole pattern in the output face.
Supplied grease free and with a pattern of oil filling holes in the input face.



TECHNICAL SPECIFICATION / DATA HIGHLIGHTS

Application torque: 1,428 lbf.ft torque input / 5,000 lbf.ft output
3.5:1 torque multiplication ratio / 3.72:1 velocity ratio
1" female square input drive
1 1/2" male square output drive