

# ENGINEER TO ORDER

SPECIAL PROJECT INFORMATION SHEET



Project Description	Special HT9 / 25 & No 9 annular transducer assembly		
Date created	8 August 2013	Project Number	Q2541

## INTRODUCTION & APPLICATION

Oil & gas industry requirement for a torque multiplier and transducer assembly for incorporation into customer's oil filled pressure compensated API Class 5 (6,779 N.m) sub-sea intervention tool.

## SOLUTION

Special HT9 / 25 & No 9 annular transducer assembly.



## TECHNICAL SPECIFICATION / DATA HIGHLIGHTS

### Special HT 9 torque multiplier

- 25:1 torque multiplication, 9,500 N.m maximum output / 380 N.m maximum input torque.
- Standard ¾" female square input & 1.5" male square output drives.
- Grease free with oil fill / drain holes.
- No anti-wind-up ratchet or torque reaction assembly.
- Standard HT materials and finish.

### Special No 9 annular transducer

- 1,000 – 10,000 N.m, CW & CCW calibration.
- Stainless steel torsion tube, drive shaft & cover.
- 1.5" male square drive shaft.
- Oil fill / drain holes.
- 90° cable exit connector and 200mm long flying lead.