

TYPICAL PERFORMANCE SPECIFICATION.

THESE FIGURES RELATE TO AN AVERAGE INSTALLATION USING THE HYDRAULIC PUMP SIZE 5P40 AND AN ENGINE/PUMP SPEED OF 1000 RPM. THE SPECIFICATION QUOTES A WINCH SPEED OF 50 RPM. IN PRACTICE, THIS WILL VARY BETWEEN 61 RPM WITH NO LOAD APPLIED, REDUCING TO 49 RPM AT FULL LOAD (JUST BEFORE THE WINCH STALLS). AT FULL LOAD, THE ENGINE MUST PROVIDE 79 HP. (59 KW.) AT 1000 RPM. TO DRIVE THE WINCH.

HYDRAULIC SUPPLY REQUIRED _____ 180 LPM. AT 175 BAR

WINCH SPEED _____ 50 RPM.
WINCH TORQUE _____ 6800 NM.

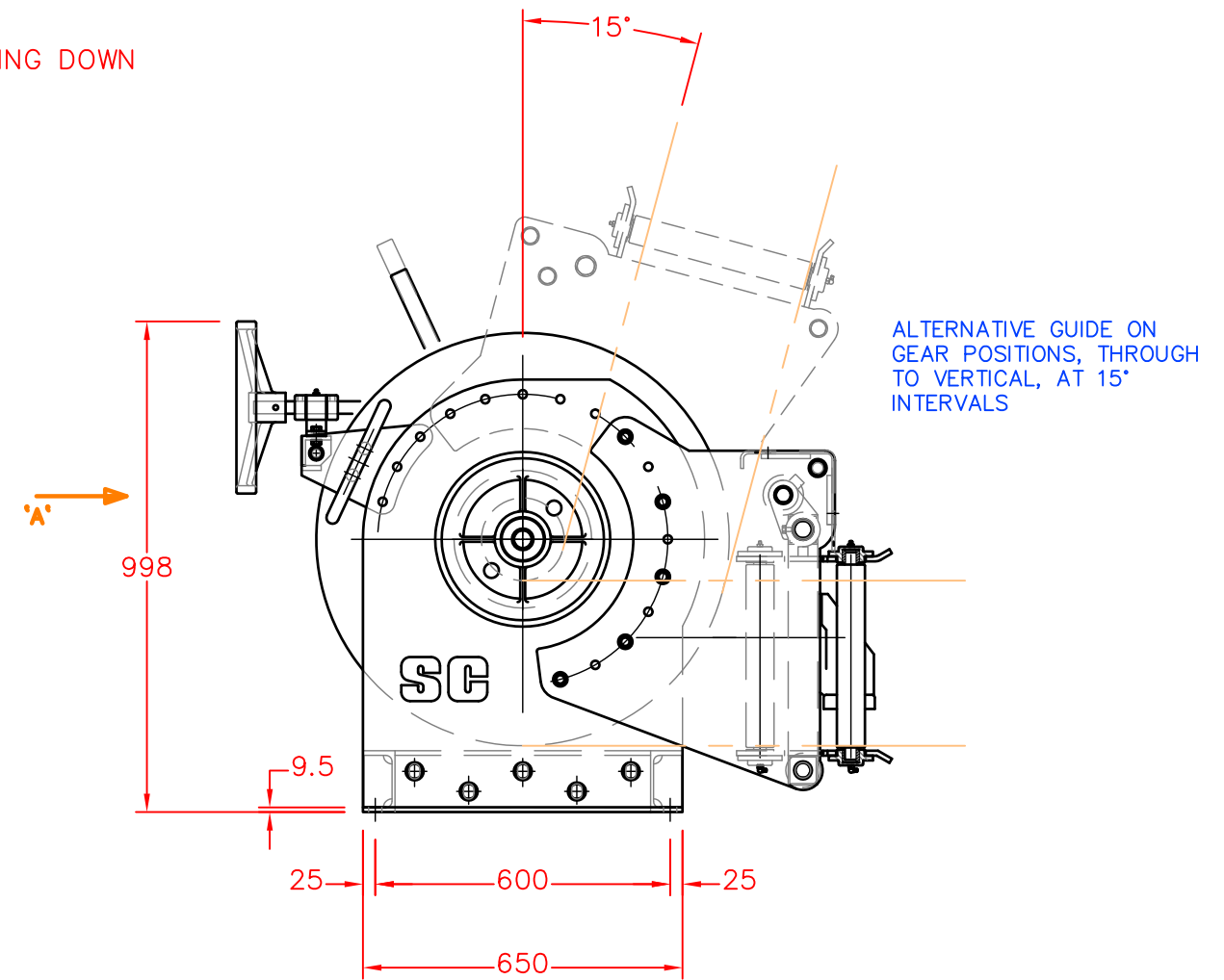
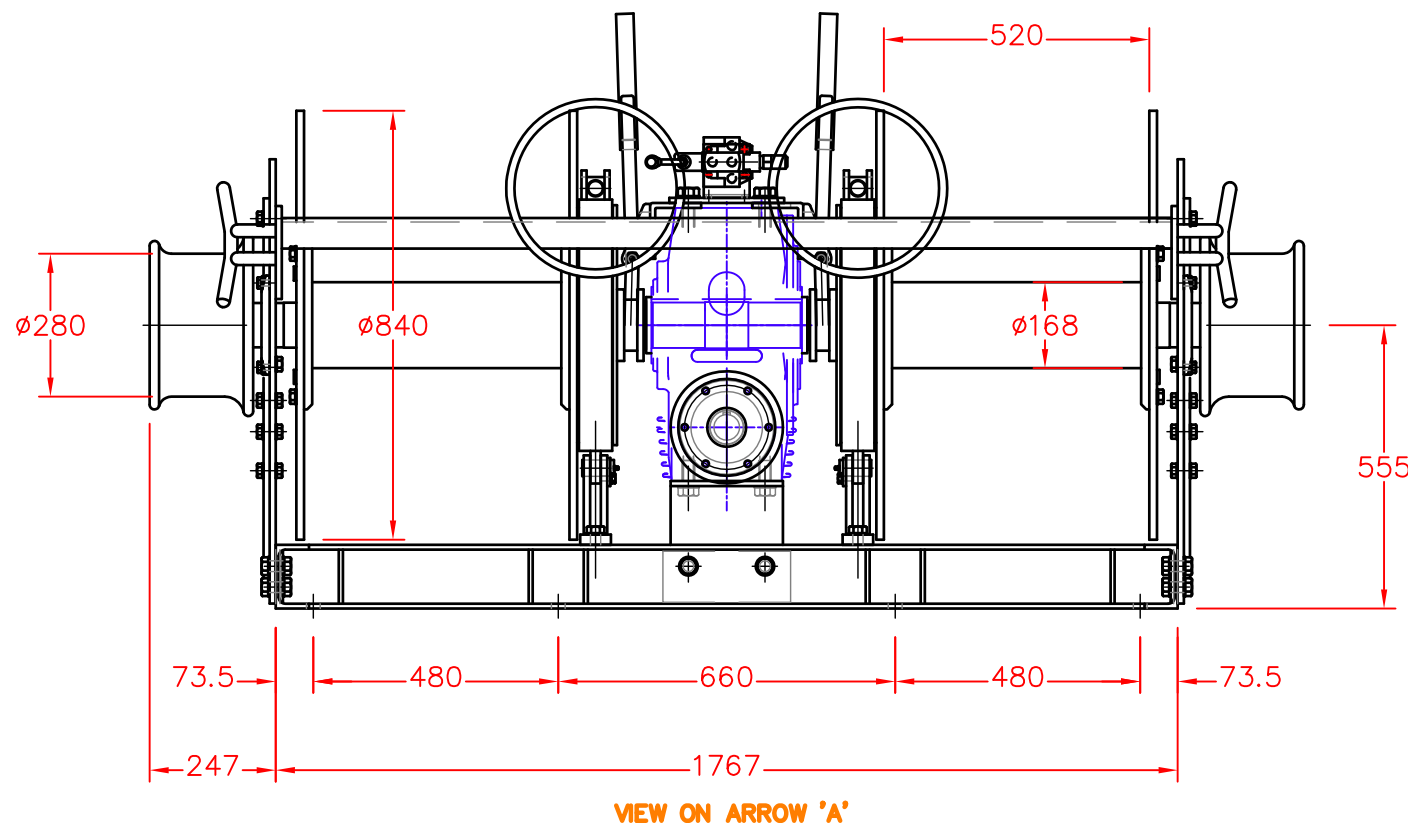
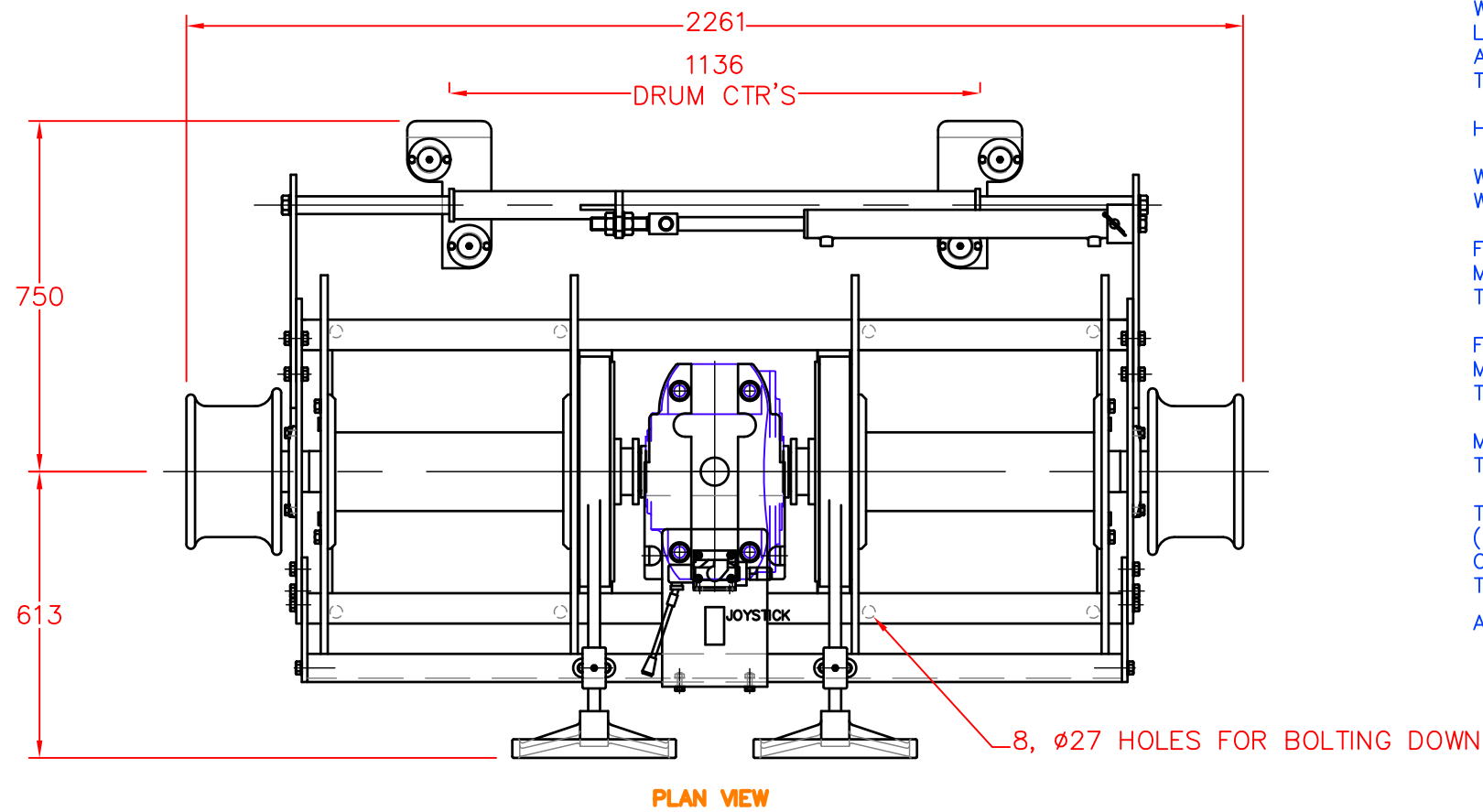
FIRST LAYER WIRE SPEED _____ 25 METRES/MINUTE
MID LAYER WIRE SPEED _____ 70 METRES/MINUTE
TOP LAYER WIRE SPEED _____ 95 METRES/MINUTE


FIRST LAYER PULL _____ 7900 KG.
MID LAYER PULL _____ 3180 KG.
TOP LAYER PULL _____ 2360 KG.

MID LAYER WIRE CAPACITY _____ 350 METRES X 14 MM WIRE PER DRUM
TOP LAYER WIRE CAPACITY (STANDARD) _____ 700 METRES X 14 MM WIRE PER DRUM

THE TOP LAYER (STANDARD) IS CALCULATED TO HAVE FILLED THE WINCH DRUM TO $\phi 610$ (NOTE THAT THIS WINCH WITH OVERSIZE DRUMS HAS CAPACITY FOR AN ADDITIONAL 5 LAYERS OF $\phi 14$ WIRE.)

TOP LAYER WIRE CAPACITY (OVERSIZE) _____ 1000 METRES X 14 MM WIRE PER DRUM
APPROXIMATE WEIGHT _____ 1600 KG.



ALTERATIONS	DATE	ALTERATIONS	DATE	MATERIAL	MACHINING TOLERANCES ONE DEC. PLACE (.0) = ±.15mm TWO DEC. PLACE (.00) = ±.05mm NO DEC. PLACE = ±.4mm UNLESS OTHERWISE STATED		TITLE 2.5 TON TRAWL WINCH Mk6 O/S	
				FINISH			SCALE 1:15	DRG.NO. 623-904
				DRN. A.M.	DATE 30.08.13		SPENCER CARTER LTD. FALMOUTH, CORNWALL, U.K. TEL. (01326) 373423 FAX. (01326) 373571	