



QTY.	PART NUMBER	QTY.	PART NUMBER
1	TANDEM-01-BASE PLATE	2	TANDEM-26-PISTON ROD
2	TANDEM-02-CYLINDER MOUNTING BLOCK	2	TANDEM-27-PISTON ROD END
2	TANDEM-03-CYLINDER	2	TANDEM-28-VALVE ROD
8	TANDEM-04-CYLINDER MOUNTING BLOCK LOCATION PIN	2	TANDEM-29-SLIDE VALE
2	TANDEM-05-YOKE SLIDE BASE AND TOP BLOCK	2	TANDEM-30-SLIDE VALE BUCKLE
2	TANDEM-06-YOKE SLIDE BASE BLOCK PILLAR	2	TANDEM-31-VALVE ROD END
2	TANDEM-07-VALVE CHEST	4	TANDEM-32-INLET-OUTLET NIPPLE
2	TANDEM-08-CYLINDER FRONT COVER	2	TANDEM-33-INLET PLUG
2	TANDEM-09-CYLINDER REAR COVER	2	TANDEM-CP-1-8 NUT
2	TANDEM-10-PISTON ROD GLAND	6	TANDEM-CP-1-8x0.125 GRUB SREW
2	TANDEM-11-VALVE ROD GLAND	12	TANDEM-CP-2BA WASHER
2	TANDEM-12-INNER + OUTER BEARING	12	TANDEM-CP-2BA NUT
1	TANDEM-13-CRANK SHAFT	4	TANDEM-CP-2BAx0.3438 P-HEAD SCREW
1	TANDEM-14-PISTON ROD YOKE	4	TANDEM-CP-2BAx0.875 P-HEAD SCREW
1	TANDEM-15-VALVE ROD YOKE	2	TANDEM-CP-2BAx1.12813 STUD
1	TANDEM-16-FLYWHEEL	4	TANDEM-CP-2BAx1.625 STUD
2	TANDEM-17-SPACER-1	2	TANDEM-CP-3-16 NUT
1	TANDEM-18-VALVE ECCENTRIC DISC	24	TANDEM-CP-4BAx0.3125 P-HEAD SCREW
2	TANDEM-19-SPACER-2	16	TANDEM-CP-4BAx0.8125 P-HEAD SCREW
2	TANDEM-22-VALVE CHEST COVER	2	TANDEM-CP-5-32 WASHER
2	TANDEM-25-PISTON	2	TANDEM-CP-5-32 NUT

NOTES: THIS ENGINE WAS ORIGINALLY DESIGNED BY Mr. R. MIDDLETON, MUNDESLEY NORFOLK, ENGLAND. THIS ENGINE WAS FIRST BUILD BY BRIAN STEPHENSON

TITLE
TANDEM SCOTCH YOKE STEAM ENGINE.

DRAWING CONTENTS
GENERAL ARRANGEMENT, ISOMTRIC VIEW
AND BILL OF MATERIAL

PROJECT No
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PROJECTION
DATE
OCTOBER-2013
SHEET:01 OF 04

MODEL SCALE: 1:1
DWG SCALE: 1:1 @A3 OR AS SHOWN
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A3 No: TANDEM-01