



300-TOTAL ASSEMBLY	QTY.	ASSEMBLY / SHEET
01-BALANCE BEAM CENTER BUSH	2	100 / 002
01A-BALANCE BEAM END BUSH	2	100 / 002
02-BALANCE BEAM END SPACER TYPE-1	2	100 / 002
02A-BALANCE BEAM END SPACER TYPE-2	1	100 / 002
02B-VALVE BEAM CENTER BUSH	1	113 / 004
03-BALANCE BEAM FLYWHEEL AXLE	1	102 / 002
04-BALANCE BEAM PIVOT AXLE	1	115 / 004
05-BALANCE BEAM SUPPORT	2	115 / 004
06-MAIN BALANCE BEAM	2	100 / 002
06A-BASE PLATE	1	114 / 005
06B-VALVE BALANCE BEAM	1	113 / 004
07-BASE	1	200 / 005
08-MAIN BEAM CON ROD	1	101 / 002
11-CRANK BUSH	2	102 / 002
12-CRANK CONNECTING ROD	2	102 / 002
13-CYLINDER AND VALVE HOUSING	1	103 / 003
14-CYLINDER BOTTOM COVER FIXTURE	1	103 / 002
15-CYLINDER TOP - BOTTOM PLATE	2	103 / 002
16-CYLINDER TOP GUIDE-1	1	103 / 002
17-CYLINDER TOP PRESSURE PLATE	1	103 / 002
18-FLYWHEEL CRANK PIN	2	104 / 003
19-FLYWHEEL CRANK	2	104 / 003
20-FLYWHEEL HUB	1	104 / 003
20A-FLYWHEEL HUB AXLE	1	104 / 003
21-FLYWHEEL INNER RIM	1	104 / 003
22-FLYWHEEL OUTER RIM	1	104 / 003
23-FLYWHEEL SPOKE	6	104 / 003
24-FLYWHEEL SUPPORT	2	105 / 004
25-FLYWHEEL BEARING	2	105 / 004
26-LOCKING SCREW	1	100 / 002
28-NIPPLE	5	103 / 002
30-PISTON CENTER	1	108 / 004
31-PISTON FLANGE	2	108 / 004
32-PISTON ROD	1	108 / 004
33-PISTON YOKE	1	108 / 004
35-VALVE BOTTOM COVER FIXTURE	1	103 / 002
36-VALVE TOP GUIDE-1	1	103 / 002
37-VALVE TOP PRESSURE PLATE	1	103 / 002
38-VALVE YOKE LINKAGE	1	300 / 004
39-VALVE YOKE	1	109 / 004
40-VALVE	1	109 / 004
42-WOOD SCREW	6	
44-4x8 LOCKING PIN	1	109 / 004
46-4x10 LOCKING PIN	1	108 / 004
47-CON ROD BUSH-UPPER	1	101 / 002
47A-CON ROD BUSH-LOWER	1	101 / 002
48-2.5x15 LOCKING PIN	2	104 / 003
49-NIPPLE NUT	3	103 / 003
50-NIPPLE STOP NUT	2	103 / 003
51-EXHAUST PIPE	1	103 / 003
52-INLET PIPE	1	103 / 003
54-8x1 SPACER	2	100 / 002
53-8x3.5 SPACER	2	113 / 004
55-EXCENTRIC	2	104 / 003
56-EXCENTRIC COVER PLATE	2	104 / 003
57-EXCENTRIC HOUSING	2	116 / 004
58-LOCKING SCREW TYPE-2	1	116 / 004
59-80Dx5ID SPACER	2	116 / 004
60-EXCENTRIC HOUSING BUSH	2	116 / 004
63-3x26 LOCKING PIN	2	104 / 003
61-VALVE BEAM END BUSH	2	113 / 004
62-5x6 LOCKING PIN	1	113 / 004
M2x6 CYLINDERHEAD SCREW	2	
M3x10 CYLINDERHEAD SCREW	2	
M3x65 THREADED ROD	4	
M3 WASHER	3	
M3 NUT	9	
M4x6 CYLINDERHEAD SCREW	4	
M4x7 CYLINDERHEAD SCREW	2	
M4x10 CYLINDERHEAD SCREW	2	
M4x10 GRUB SCREW	4	
M4x65 THREADED ROD	6	
M4 WASHER	3	
M4 NUT	14	
M5x7 GRUB SCREW	2	
M5x15	8	
M5 HALVE NUT	1	
M6 NUT	2	
M10 NUT	1	

TITLE	SINGLE CYLINDER BALANCE BEAM STEAM ENGINE WITH CYLINDRICAL VALVE	
A3	GENERAL ARRANGEMENT	

<table border="1"> <tr><td>B</td><td>ISSUED TO NVM</td><td>JUNE 2009</td></tr> <tr><td>A</td><td>ISSUED FOR CONSTRUCTION</td><td>12/2006</td></tr> <tr><td>REV</td><td>DESCRIPTION</td><td>DATE</td></tr> </table>	B	ISSUED TO NVM	JUNE 2009	A	ISSUED FOR CONSTRUCTION	12/2006	REV	DESCRIPTION	DATE	JDW DRAUGHTING SERVICES 12 BRIGHTWELL STREET PAKAPURA NEW ZEALAND TEL/FAX 0064-09-2988815 E-MAIL:dewaal@xtra.co.nz	DRAWN BY J.A.M. DE WAAL DATE OCT-2006	PROJECTION SCALE 1:1 or AS SHOWN	DRAWING NUMBER 1CBBSE-001A SHEET B
B	ISSUED TO NVM	JUNE 2009											
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