



No.	Qty	Description	Material
1	1	Beam Base	Steel
2	1	Column	Steel
3	1	Beam Flywheel	Steel
4	1	Single Cylinder Crank	Steel
5	1	Con Rod Bearing Keep	Steel
6	1	Beam Connecting Rod	Stainless Steel
7	2	Con Rod Bearing Halves	Bronze
8	1	Beam	Steel
9	1	Beam Shaft	Steel
10	2	Column Arm	Steel
11	1	Eccentric Wheel	Steel
12	1	Eccentric Wheel Plate	Steel
13	1	Beam Eccentric Rod	Brass
14	1	Valve	Stainless Steel
15	1	Beam Valve Pin	Stainless Steel
16	1	Beam Chest	Brass
17	2	Inlet/Outlet Pipe	Brass
18	1	Elbow	Brass
19	1	Beam Outlet Pipe	Brass
20	1	Packing Nut	Brass
21	1	Piston Shaft Packing (not inc.)	PTFE Tape
22	1	Piston	Brass
23	1	Piston Shaft	Stainless Steel
24	2	Piston Ring	Teflon
25	1	Cylinder	Brass
26	1	Cylinder Plate Inner	Brass
27	4	Main Bearing Upper	Bronze
28	4	Main Bearing Lower	Bronze
29	8	Pivot Screw	Steel
30	1	Pulley Wheel	Steel
31	1	Eccentric Lever Shaft	Stainless Steel
32	3	Eccentric Lever	Stainless Steel
33	2	Eccentric Lever Shaft Bearing	Steel
34	2	Eccentric Valve Link	Stainless Steel
35	8	Parallel Link	Stainless Steel
36	2	Parallel Spacer Inner (5mm)	Brass
37	2	Parallel Spacer Outer (3mm)	Brass
38	1	Parallel Spacer Centre	Brass
39	1	Shaft Parallel Spacer	Brass
40	4	Cap Screw M3 x 45mm	Steel
41	12	Cap Screw M3 x various	Steel
42	4	M3 Nut	Steel
43	9	Cap Screw M2 x various	Steel
44	7	M2 Nut	Steel
45	2	Counter Sunk Screw M3	Steel
46	3	M3 Grub/Setscrew x 2mm	Steel
47	2	M3 Grub/Setscrew x 3mm	Steel
48	1	M3 Grub/Setscrew x 4mm	Steel

Drawn By: Simon Rowley	Checked By:	File Name: Single Cyl Beam Assembly	Date: Sept 2018	Scale: N/A
Copyright: Chiltern Model Steam		Part: Single Cylinder Beam Engine Assembly Drawing		
		Material: N/A	Rev: 1.0	Part: N/A