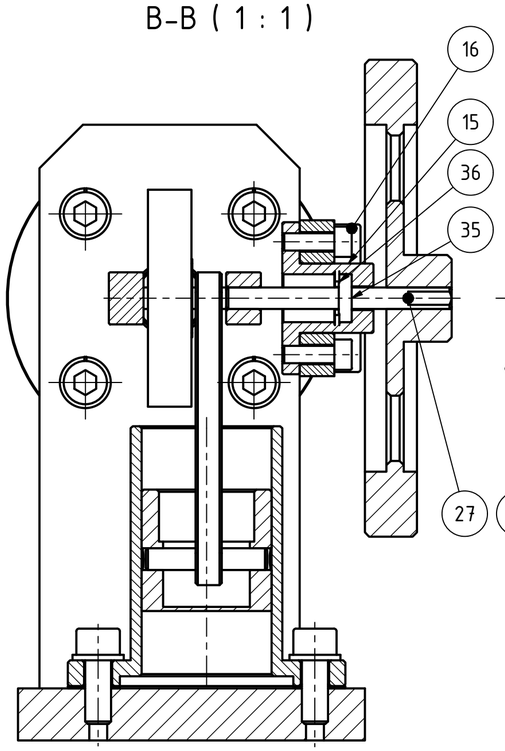
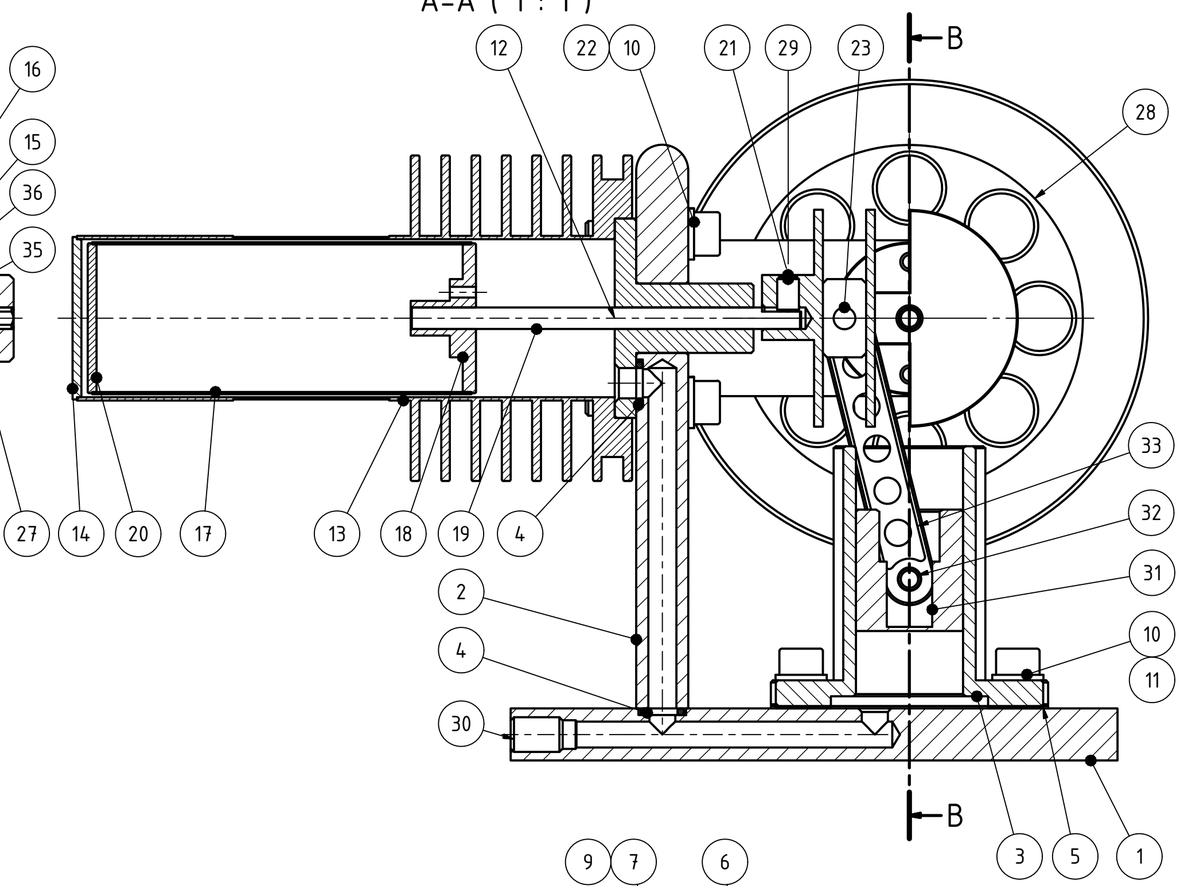
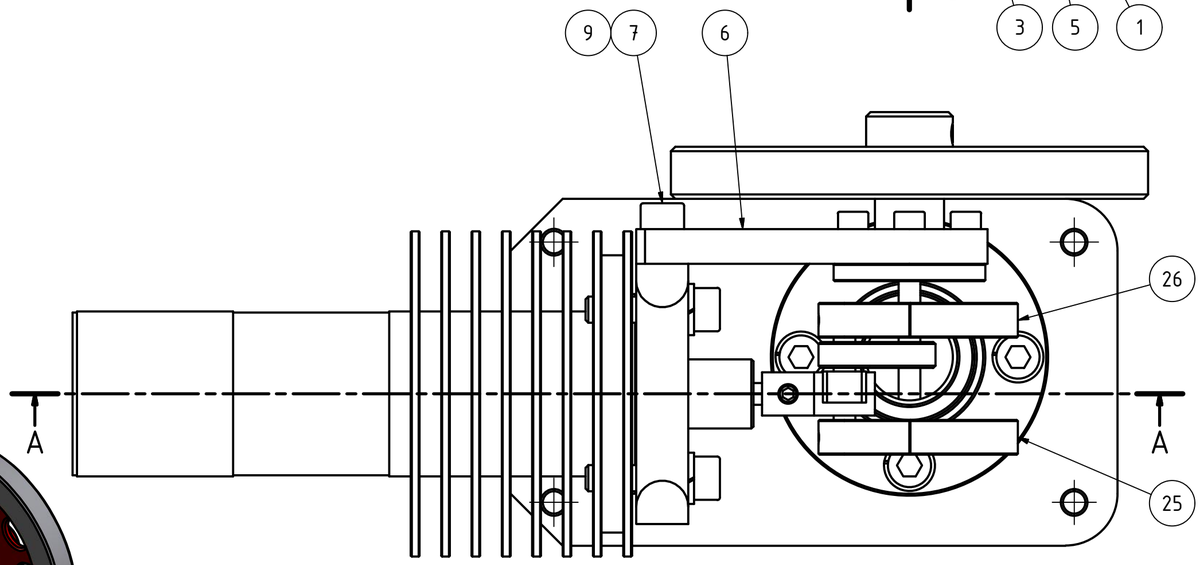
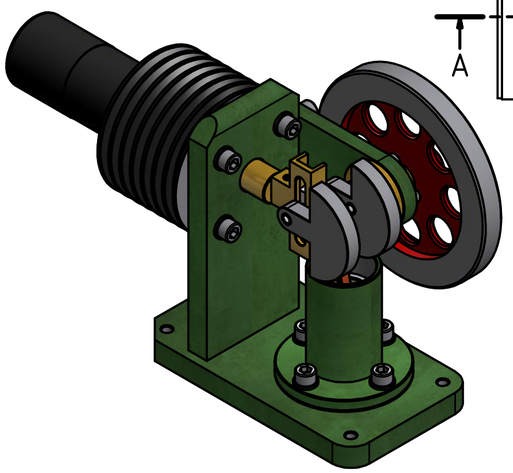
B-B (1 : 1)



A-A (1 : 1)







PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
1	1	Base		Stainless Steel
2	1	Standard		Steel, Mild
3	1	Cylinder		Steel, Mild
4	2	Air Channel Packing		Rubber
5	1	Cylinder Packing		Rubber
6	1	Support		Steel, Mild
7	4	DIN 912 - M6 x 20	Cylinder Head Cap Screw	Steel, Mild
8	2	ISO 8734 - 5 x 20 - A	Parallel pins	Steel
9	2	ISO 8734 - 3 x 16 - A	Parallel pins	Steel
10	8	DIN 128 - A6	Spring Washer	Steel, Mild
11	4	DIN 912 - M6 x 16	Cylinder Head Cap Screw	Steel, Mild
12	1	Cylinder Cover		Brass, Soft Yellow
13	1	Heat Exchange Cylinder		Stainless Steel
14	1	Heat Exchange Cylinderhead		Stainless Steel
15	1	Bearing Support		Brass, Soft Yellow
16	4	DIN 912 - M4 x 12	Cylinder Head Cap Screw	Steel, Mild
17	1	Heat Exchange Piston Tube		Copper
18	1	Heat Exchange Piston Exhaust		Copper
19	1	Heat Exchange Piston Shaft		Copper
20	1	Heat Exchange Piston Head		Copper
21	1	Crosshead		Brass, Soft Yellow
22	4	DIN 912 - M6 x 25	Cylinder Head Cap Screw	Steel, Mild
23	1	Slide		PVC-U
24	1	Crankshaft		Stainless Steel
25	1	Counterweight B		Steel, Mild
26	1	Counterweight A		Steel, Mild
27	1	Flywheelshaft		Stainless Steel
28	1	Flywheel		Steel, Mild
29	2	DIN 913 - M5 x 8	Hexagon Socket Screw	Steel, Mild
30	1	DIN 913 - M8 x 12	Hexagon Socket Screw	Steel, Mild
31	1	Piston		Steel, Mild
32	1	Piston Pin		Stainless Steel
33	1	Crankrod		Copper
35	1	DIN 625 SKF - SKF 618/5	Single row ball bearings	Steel, Mild
36	1	DIN 472 - 12x1	Retaining rings for bores	Steel, Mild
37	2	DIN 913 - M3 x 4	Hexagon Socket Set Screw	Steel, Mild

Revision	Date	Description

Engineered by:

	Name:	Date:
Designer:	Galba, J.	17/07/2010
Approved:	Galba, J.	17/07/2010

Scale: 1:1

SheetSize: A2

Project:
Miniature Model Hot Air Engine

Material:

Total Mass: N/A

Title:
Horizontal Stirling Engine
Assembly

InventorWizard be/nl

Drawingnumber:

Sheet:
0001

Design State:
Released

Drawing made with autodesk Inventor
Revisions only permitted by CAD

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