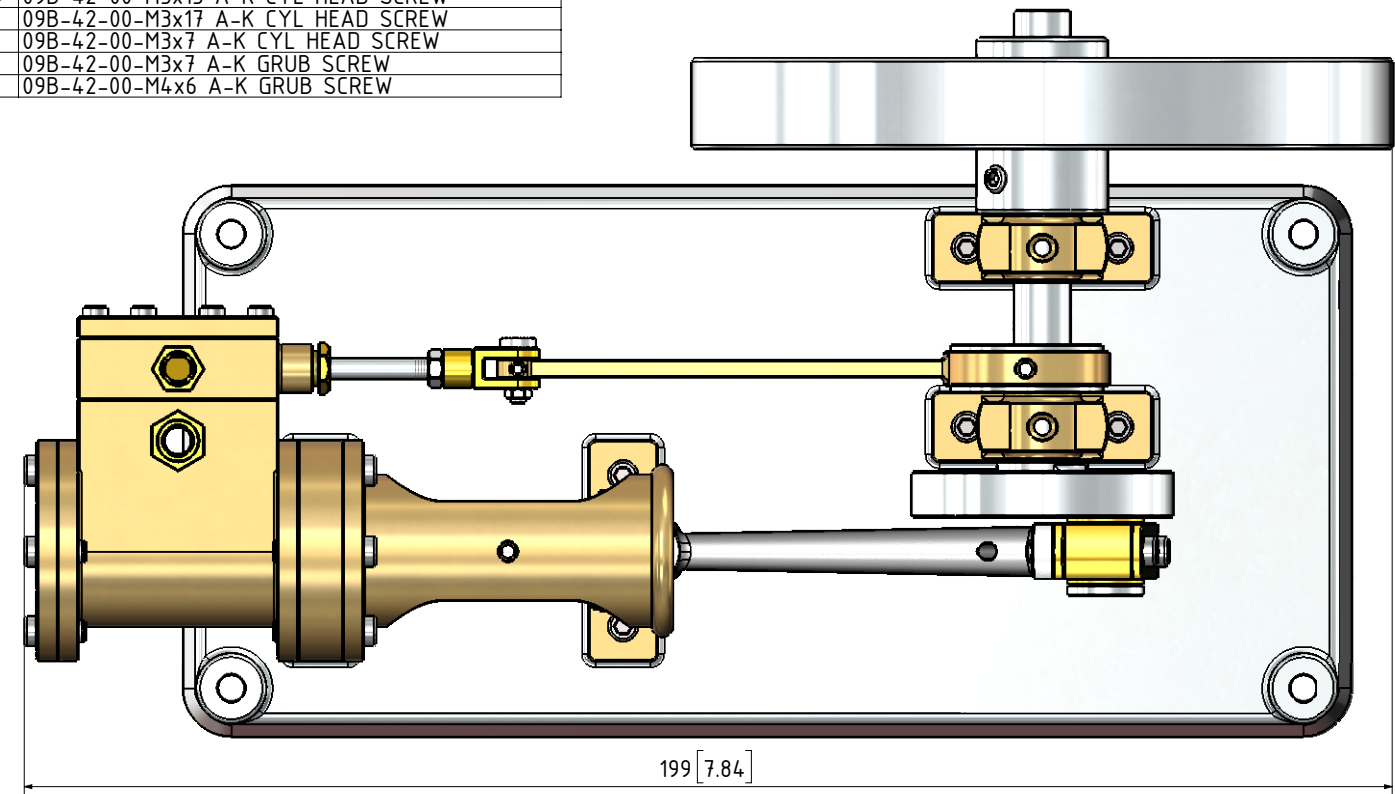
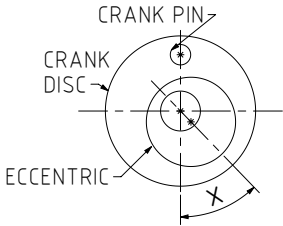


QTY	PART NUMBER
1	09B-42-00-1-01-BEDPLATE
2	09B-42-00-1-02-MAIN BEARING STAND
1	09B-42-00-1-03-CYLINDER SUPPORT BRACKET
1	09B-42-00-1-04-TRUNK GUIDE SUPPORT BRACKET
1	09B-42-00-1-05-TRUNK GUIDE
1	09B-42-00-1-06-CYLINDER+VALVE CHEST
1	09B-42-00-2-01-CRANKSHAFT+FLYWHEEL
1	09B-42-00-2-02-PISTON+CROSSHEAD
1	09B-42-00-2-03-CON-ROD
1	09B-42-00-2-04-ECCENTRIC SHEAVE
1	09B-42-00-2-05-SLIDE VALVE+SPINDLE
1	09B-42-00-2-06-ECCENTRIC STRAP
1	09B-42-00-M2 NUT
8	09B-42-00-M2.5x18 A-K CYL HEAD SCREW
2	09B-42-00-M2.5x7 A-K C-SINK SCREW
2	09B-42-00-M2x3 A-K CYL HEAD SCREW
9	09B-42-00-M3 NUT
14	09B-42-00-M3x13 A-K CYL HEAD SCREW
2	09B-42-00-M3x17 A-K CYL HEAD SCREW
6	09B-42-00-M3x7 A-K CYL HEAD SCREW
1	09B-42-00-M3x7 A-K GRUB SCREW
2	09B-42-00-M4x6 A-K GRUB SCREW

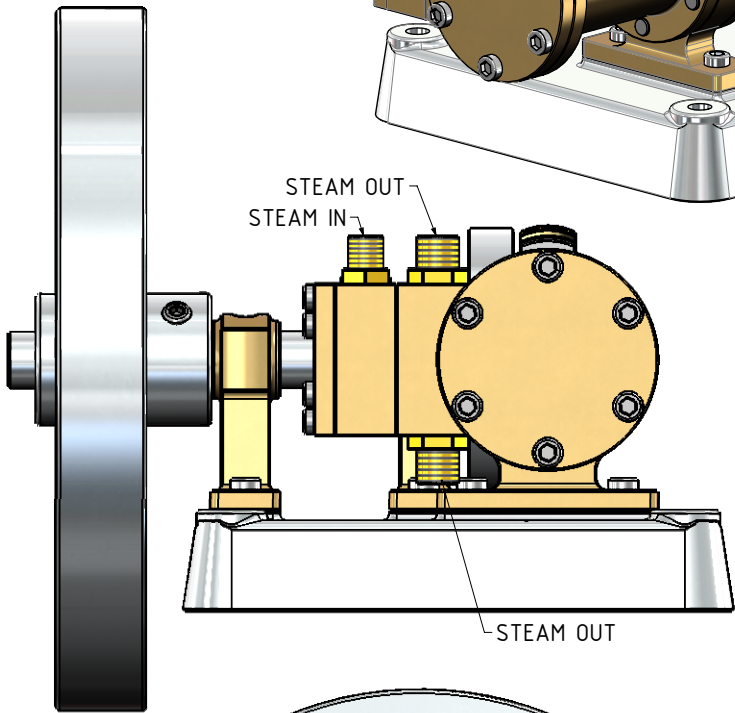
DUE TO THE LACK OF INFORMATION ON THE ORIGINAL DRAWING(S), SUCH AS VIEWS, DIMENSIONS, SECTIONS ETC AND/OR CLARITY OF COMPONENTS, OMITTED PARTS/COMPONENTS, SOME OF THE COMPONENTS MIGHT NOT BE AS CONSTRUCTED ORIGINALLY OR AS THE ORIGINAL DESIGNER INTENDED

ADDITIONAL NOTES ABOUT THESE DRAWINGS:
1) MATERIALS HAVE BEEN SPECIFIED ON THESE DRAWINGS. HOWEVER THE BUILDER CAN CHOOSE ITS OWN PREFERRED MATERIAL FOR THE PARTS/COMPONENTS. THE FOLLOWING COLOURS ON THE DRAWINGS INDICATES POSSIBLE MATERIALS WHICH CAN BE USED FOR PARTS: YELLOW=BRASS, LIGHT GREY=ALUMINIUM OR MILD STEEL, REDDISH BROWN=COPPER, DARK BROWN=BRONZE OR GUN METAL, WHITISH=SILVER STEEL OR STAINLESS STEEL
2) FASTENERS. FASTENERS SUCH AS BOLTS, SCREWS, RIVETS, NUTS AND WASHERS HAVE BEEN SHOWN ON THESE DRAWINGS. THE BUILDER TO CHOOSE ITS OWN PREFERRED TYPE OF FASTENERS IF SO DESIRED.

THE OFF SET ANGLE OF THE ECCENTRIC IN RELATION TO THE CRANK AXIS TO BE EXPERIMENTALLY DETERMINED FOR THE SMOOTH RUNNING OF THE ENGINE AND SATISFACTION OF THE BUILDER

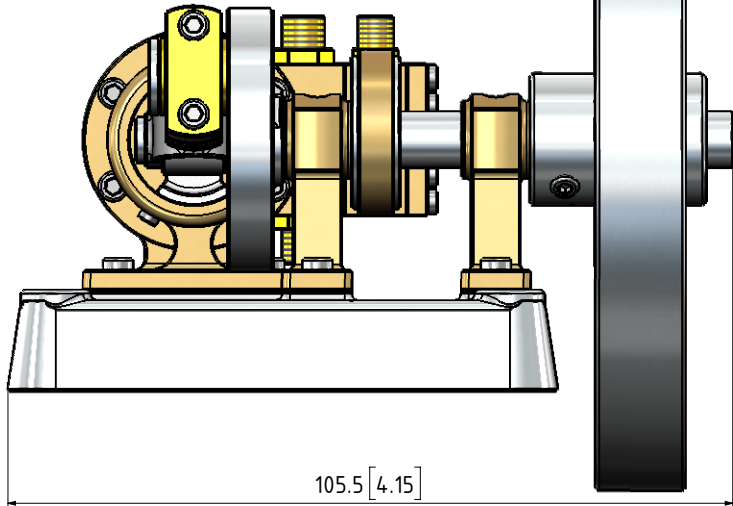


199 [7.84]

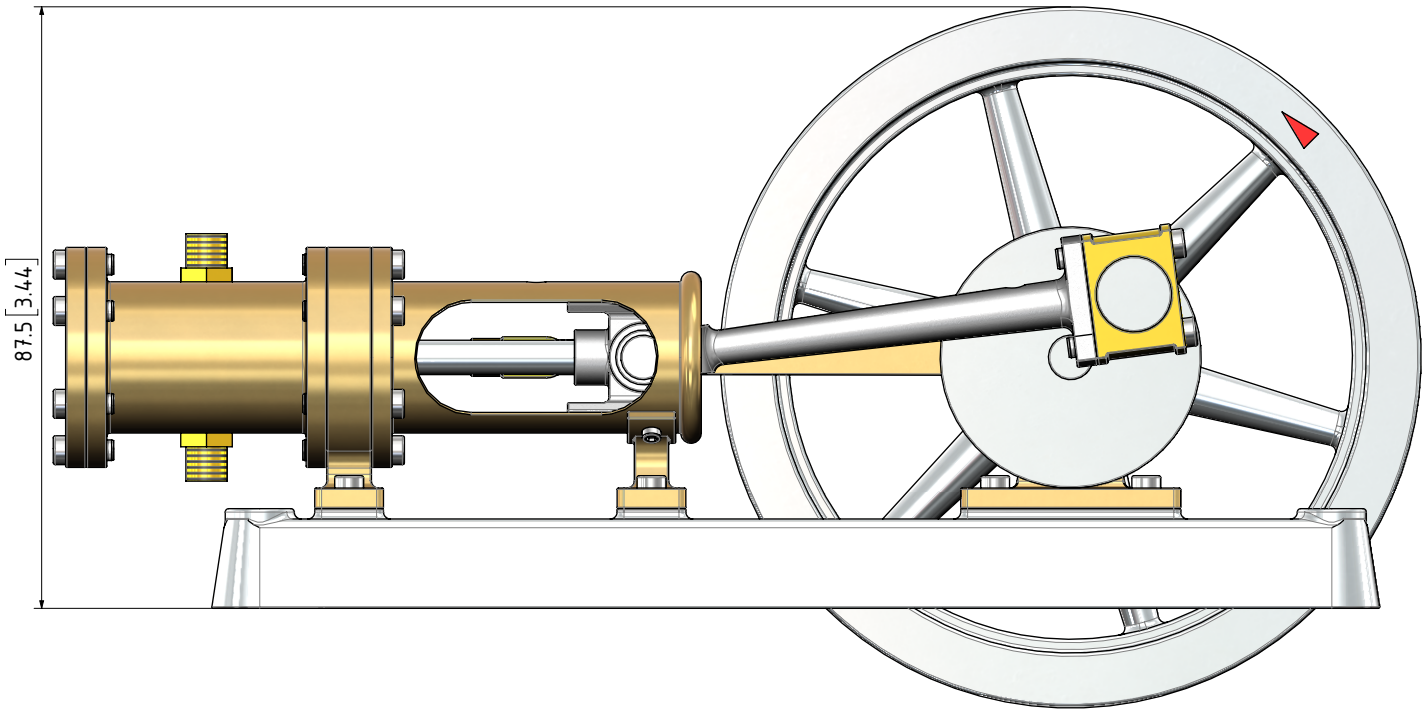


STEAM OUT
STEAM IN

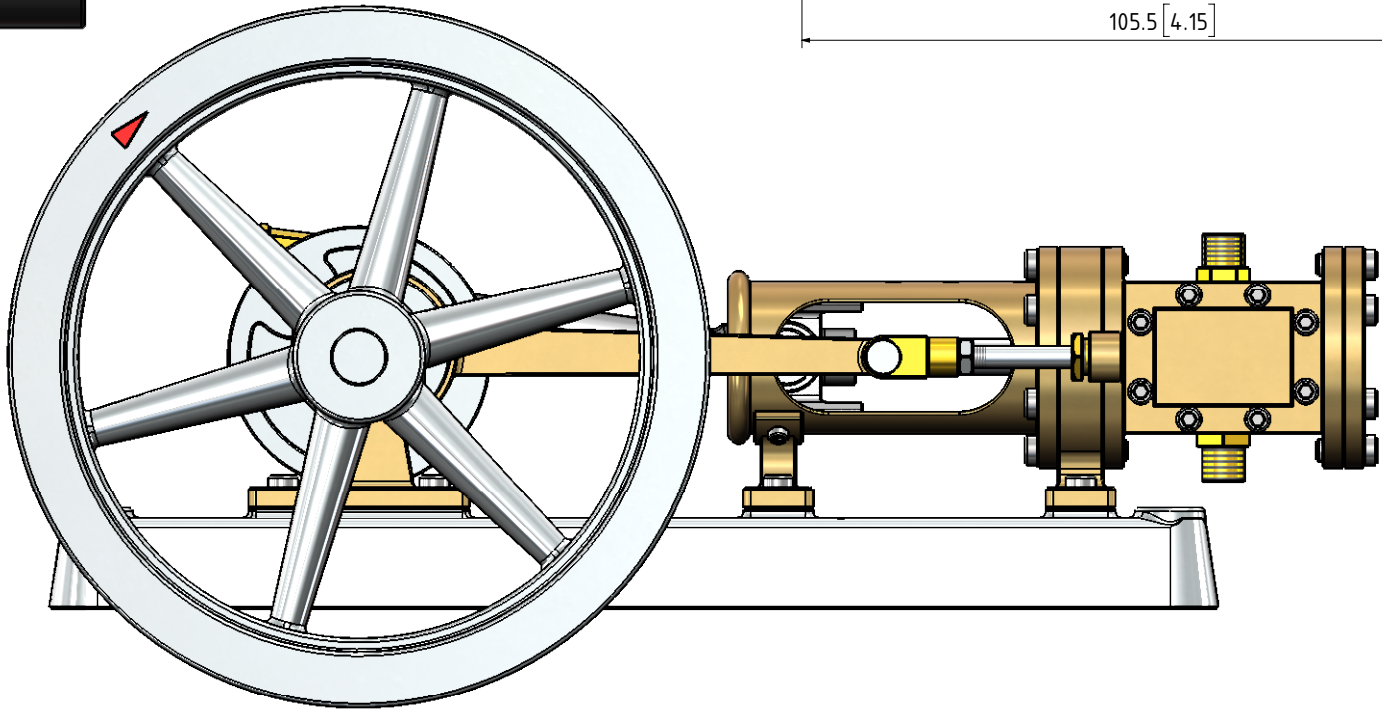
STEAM OUT



105.5 [4.15]



87.5 [3.44]



NOTES: THE ORIGINAL DRAWING WAS GIVEN TO ME. THE TITLE OF THE ORIGINAL IS: "PERSEUS HORIZONTAL STATIONARY ENGINE 3/4" BORE 1" STROKE" BY EDGAR T. WESBURY. (M.20), NO DATE STATED. (CONVERTED FROM IMPERIAL TO METRIC UNITS)

TITLE
A SIMPLE HORIZONTAL NON REVERSABLE
STEAM ENGINE. (19mm BORE x 25mm STROKE)

DRAWING CONTENTS
GENERAL ARRANGEMENT, ISOMETRIC
VIEW, BILL OF MATERIALS, NOTES

PROJECT No 09B-42-00
JDW DRAUGHTING SERVICES
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0211791000 E-MAIL: dewaal@xtra.co.nz.

PROJECTION
DATE
JULY 2024
SHEET: 01 OF 03

MODEL SCALE: 1:1
DWG SCALE: 1:1 @A3 OR AS SHOWN
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A3 No:09B-42-00-SHT-01

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