1-01.1
SCALE 1:2
1xLEFTHAND
1xRIGHTHAND
(MIRROR IMAGE)
∅8-8PL
1-01.2.2
3 REQD
SCALE 1:2
SPLIT LINE
R5
R24
R9-TYP
∅35LPF
M6
M8▽15-4PL
∅8-2PL
1-01.2.1
A
∅8-3PL
203
ALU/MS
R9
SECTION A-A
SCALE 1 : 3
1-03.1
∅76
∅56PCD
∅48PF
M5▽9-6THESOP
M4▽10-12PL
DAA
SCALE 1:2
1-03.2
∅48PF
∅38RM
DAA
1-03.3
TAKE OVER FROM 1-03.1
THRU
∅4-12PL
SHADED AREAS
10mm DEEP
1-03.4
M12-2L
M4▽8-4PL
TAKE OVER FROM 1-03.1
SECTION C-C
SCALE 1 : 2
∅4-CB∅8▽4-12PL
1-03.5
7mm THICK SCALE 1:2
BRS
BRZ
SCALE 1:2
ALU/CI/BRS
1-03.4
1-03.6
SECTION B-B
SCALE 1 : 2
1-03.7
1-03.8
SCALE 1:1.5
SYN
1-03.5
1-03.3
1-03.2
1-03.1
1-04
1-03
SA-1-101
1-06
1-05
SA-1-101
1-02
1-01
SA-1-105
1-01.1
1-01.2
ALU/MS
1-06.2
1-06.1
E-E
SECTION E-E
SCALE 1 : 2
2.5
27.5
8
10
∅17
12PF
∅11CF
M8
R8.5
7
20.5
3.5
19
2-01.1
SCALE 1:2
∅6PF
∅14LPF
60
11
7
∅19PF
95
2-01.2
∅35LPF
∅14LPF
12
11
2-03
TIMKEN 202KL4
∅52PCD
2-04
SECTION G-G
SCALE 1 : 3
3THESOC
1-01.2
1-01.1
∅76
∅5-6HESOP
∅56PCD
35.25
28.5
1-05.1
33
14
28.5
∅12RM
11.5
∅28
45°
M18
SCALE 1:2
∅6▽51
∅78
∅17PF
∅19PF
28
SCALE 1:3
2-01.3
2-01.5
2-01.4
2-01.1
2-01.2
SCALE 1:2
∅6PF
∅17PF
∅6
∅19CF
2-01.5
2-01.4
∅48
M4
1.5
∅43CF
∅7
18
9.5
∅14
2-02.1
SECTION F-F
SCALE 1 : 2
180°
2-05.1
CI/GRA
38CF
∅24
∅8LPF
SCALE 1:2
2-05.2
SS
BRZ
M6
10.5
∅12CF
∅10RM
∅13PF
R5.5
∅16
SCALE 1:2
98
14
8
19
=5=
2-07.3
4.5
∅3PF
∅6
M4
38
54.5
∅6CF
∅8
17
3
SCALE 1:2
2-07.4
14
2-10
MS
R6
R9.5
5mm THICK
SCALE 1:2
2-07.1
10.5
R3
4
3.8
5
4.9
9.5
R4
21
2-07.2
BRZ
SS
MS
1-05.4
BRZ
SYN
BRZ
1-05.3
1-05.2
1-05.1
∅45
45°
∅38
SCALE 1:2
∅15
SCALE 1:1.5
135°
∅18
∅12
SECTION D-D
SCALE 1 : 2
ALU/CI/BRS
ALU/CI/BRS

NOTES: THIS DESIGN IS BASED ON DRAWINGS WHICH WERE GIVEN TO ME. THE ORIGINAL ENGINE DESIGN WAS CREATED BY Mr. KELLY KUBISCHTA, FOR NON-PROFFITPUBLICATION 2010. THE ENGINE PLANS ARE 1.5 TIMES LARGER THAN THE ORIGINAL

TITLE
A MODEL OF A SIMPLE VERTICAL HEAVY DUTY STEAM ENGINE WITH REVERSER

DRAWING CONTENTS
PARTS AND ASSEMBLIES

PROJECT No 09C-37-00

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PROJECTION | JDWDS

DATE MAY 2019

MODEL SCALE: 1:1
DWG SCALE: 1:1 @A3 OR AS SHOWN

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SHEET: 02 OF 03 | A3 | No: 09C-37-00-SHT02

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