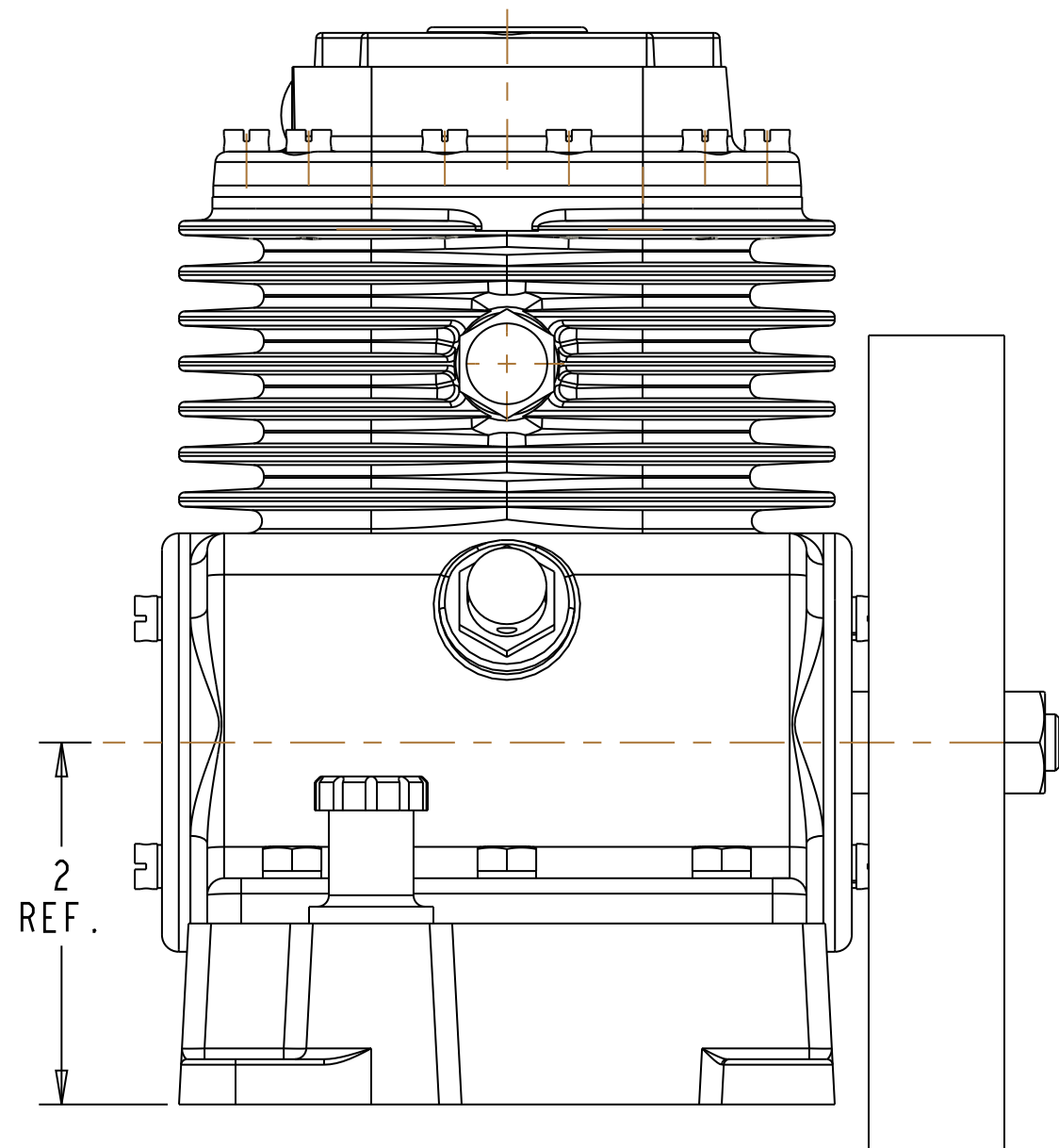
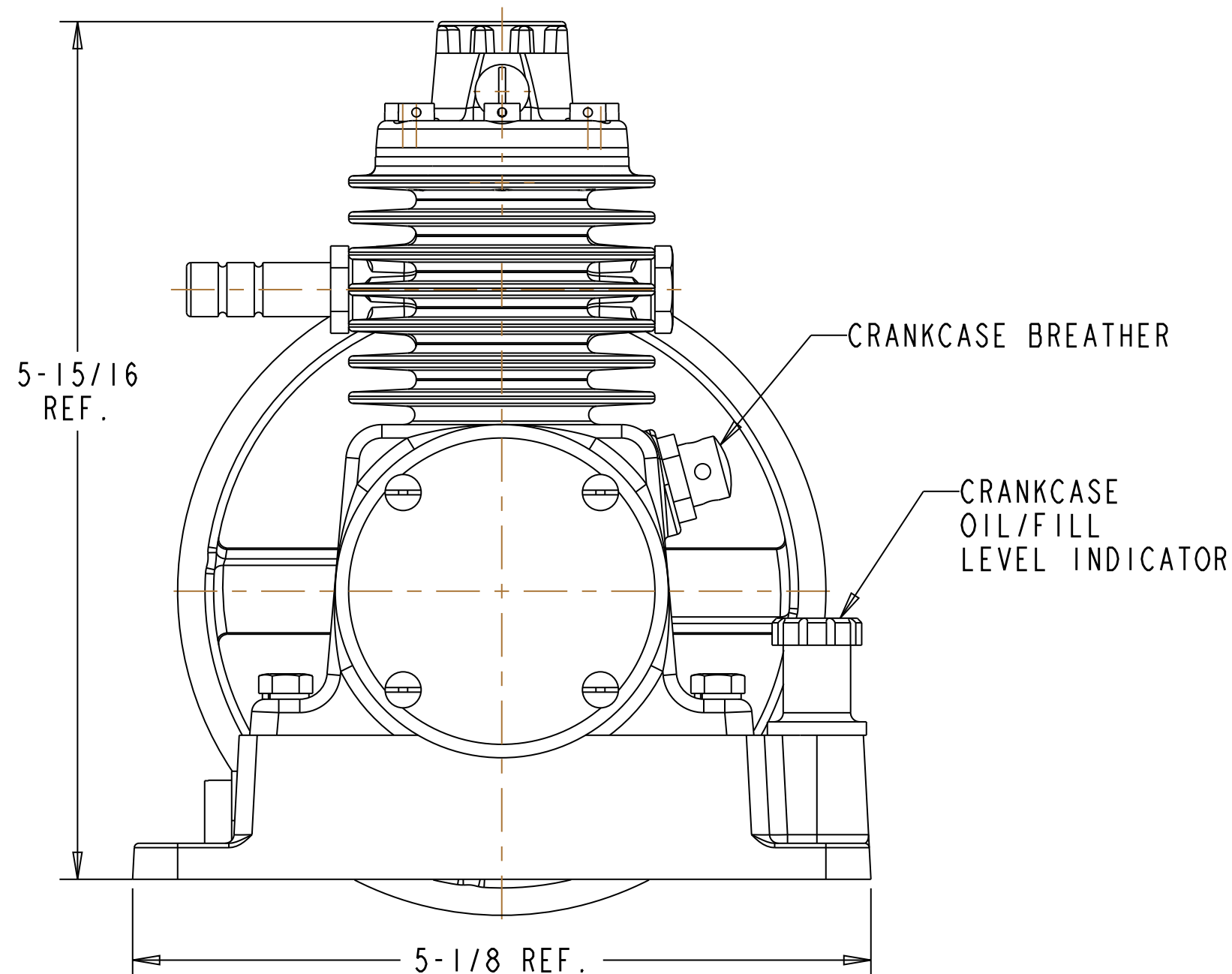
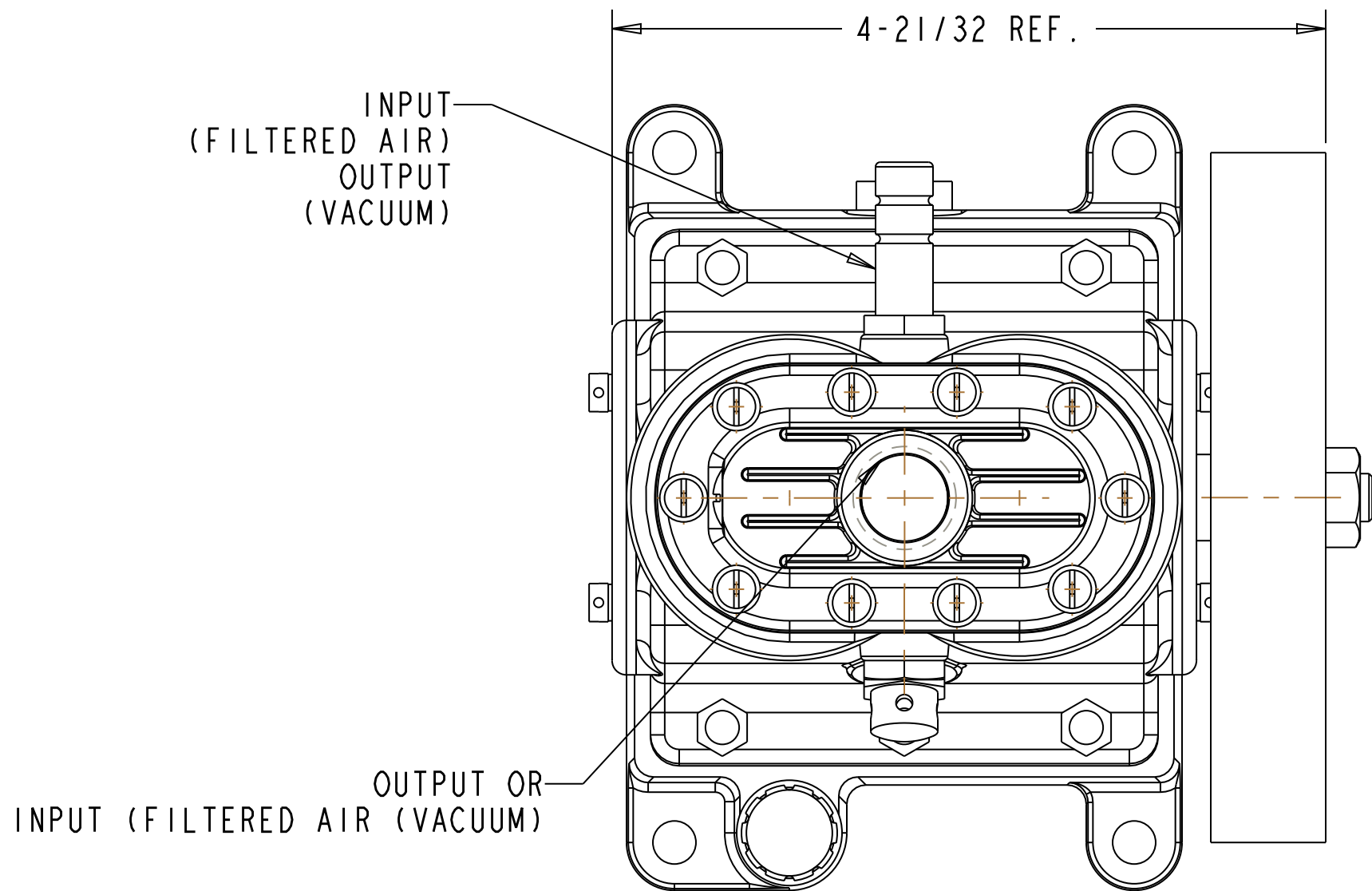
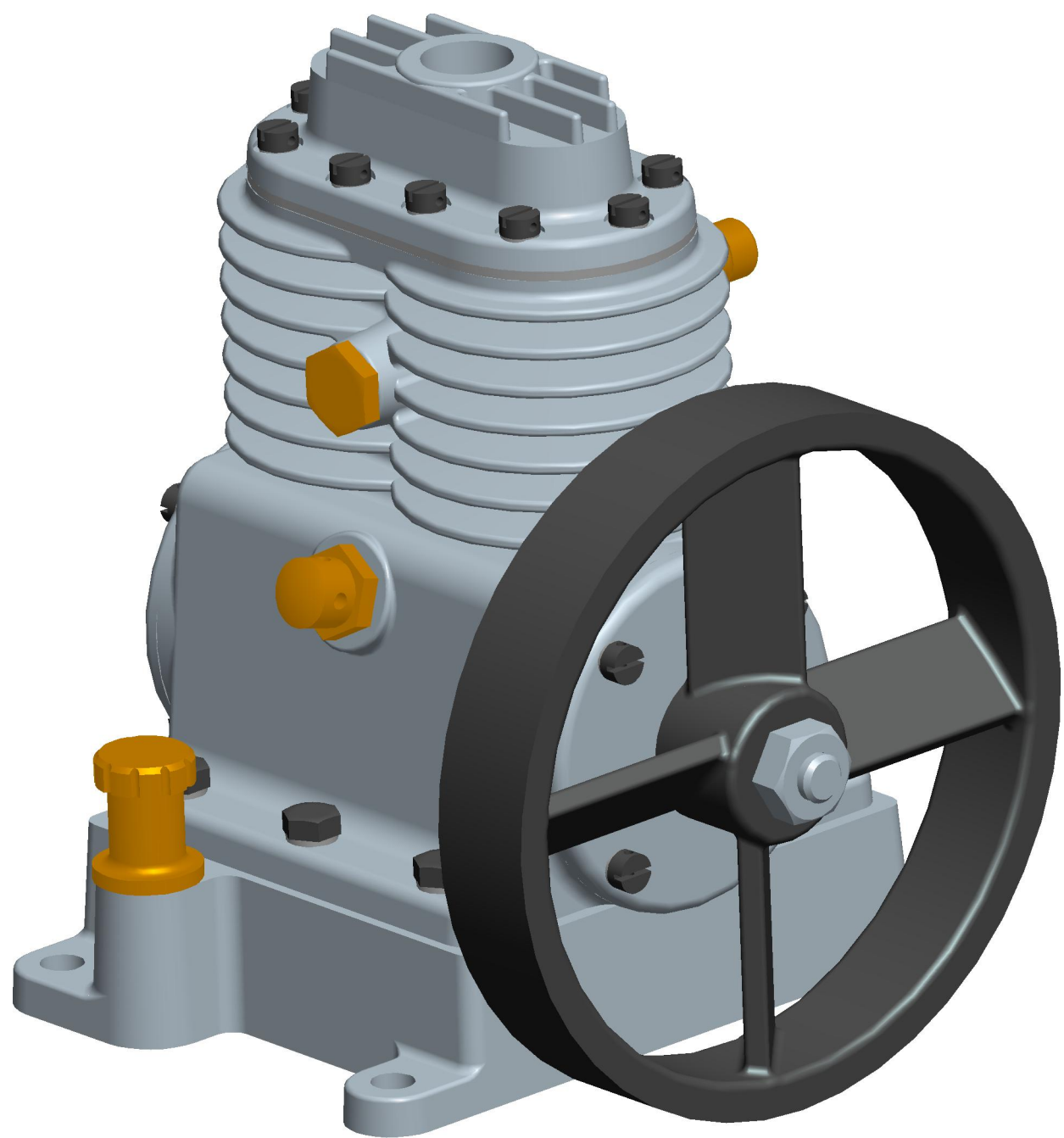


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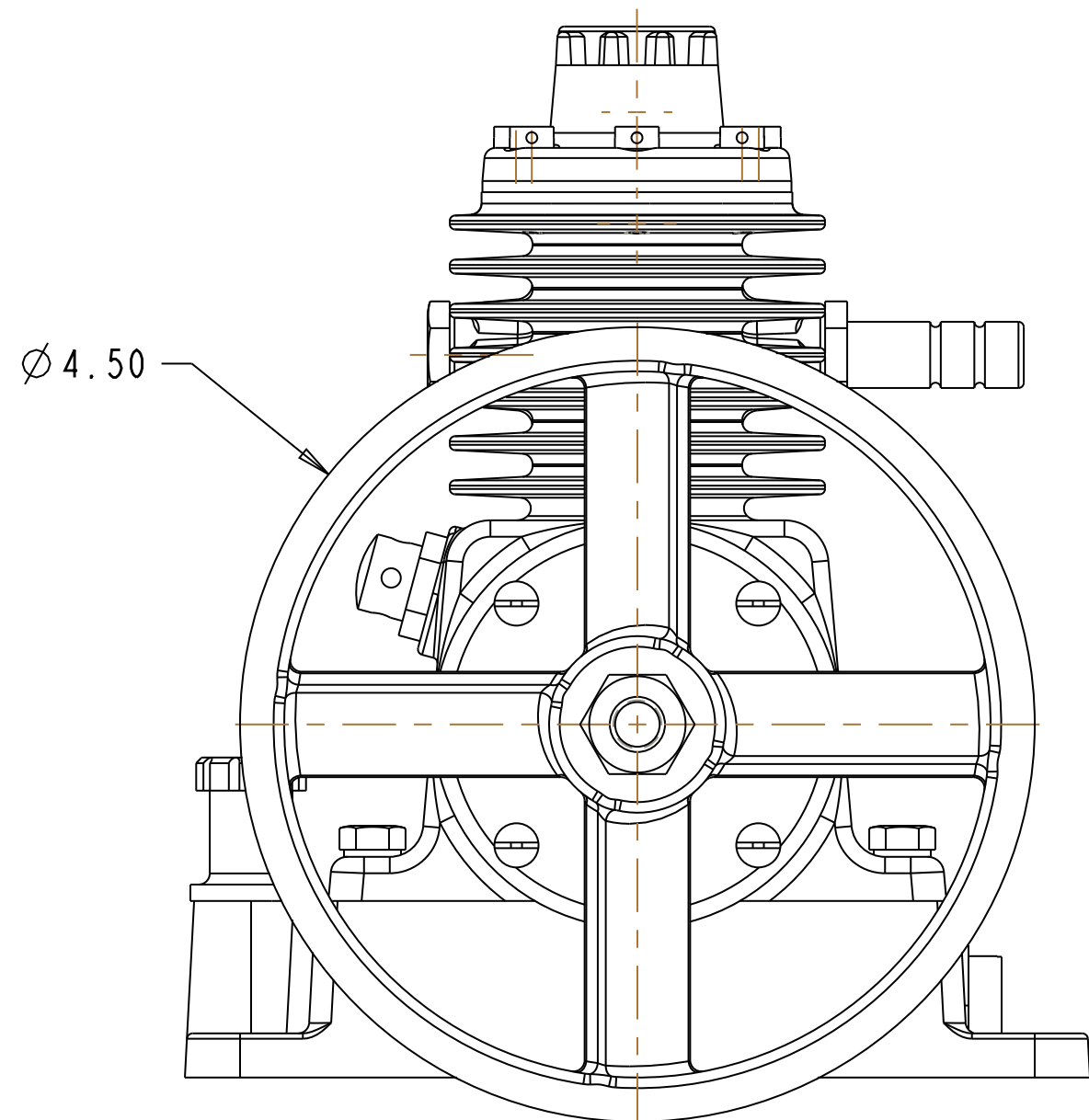
C

B

A



SCALE 1.000



STUART COMPRESSOR or VACUUM PUMP  
TWIN SINGLE ACTING CYLINDERS  
1" BORE X 1" STROKE  
THEORETICAL DISPLACEMENT=2.200 CU. INCH  
(1-1/4 CU. FT.) PER MINUTE AT 1,400 RPM  
FOR PRESSURES UP TO 60LB'S

REF: STUART DRAWING #90008 22-9-53

REV.	DATE	DESCRIPTION
0		

THIS DRAWING MAY BE FREELY USED OR MODIFIED FOR ANY NON-PROFIT OR NON-COMMERCIAL USE.  
ALL ACCURACY AND SAFETY ISSUES ARE THE USERS RESPONSIBILITY. THE ORIGINATOR AND THE PROVIDER  
ARE NOT RESPONSIBLE OR LIABLE FOR ANY LOSSES OR DAMAGES INCURRED FROM THE CREATION OR USE OF  
THE PRODUCTS CONTAINED IN THIS DRAWING.

ITEM NO.	DET. NO.	DESCRIPTION	SIZE	MATERIAL	NOTES	QN'TY
1	1	CYLINDER		C.I.		1
2	2	CYLINDER HEAD		C.I.		1
3	3	VALVE PLATE		C.R.S.		1
4	4	CRANKSHAFT		C.I.		1
5	5	BASE		C.I.		1
6	6	FLANGE (CLOSED)		C.I.		1
7	7	FLANGE		C.I.		1
8	8	PISTON		C.I.		2
9	9	PIN CAP		BRASS		4
10	10	PLUG		BRASS		1
11	11	WRIST PIN		DRILL ROD		2
12	12	VALVE		DRILL ROD		2
13	13	CON. ROD		C.I.		2
14	14	SCREW	4BA	DRILL ROD		18
15	15	PLUG		BRASS		1
16	16	FLYWHEEL		C.I.		1
17	17	INLET		BRASS		1
18	18	OIL PLUG		BRASS		1
19	19	CAP FITTING		BRASS		1
20	20	BUSHING		BRASS		1
21	21	OIL CAP		BRASS		1
22	22	INDICATOR		C.R.S.		1
23	23	BREATHER		BRASS		1
24	24	TUBE		BRASS		1
25	13-1	CON. ROD CAP		C.I.		2
26		BALL BEARING	300DX101DX9	STK.		2
27		HEX NUT	5/16 BSF	STK.		1
28		KEY	1/16" WD.	STK.		1
29		LK. WASHER	2BA	STK.		6
30		LK. WASHER	4BA	STK.		18
31		PISTON RING		C.I.		8
32		SPRING	3/8" O.D.	STK.		2
33		STUD	4BAX5/8"	STK.		4
34		2BA HH SCREW	1/2"LG.	STK.		6
35		HEX NUT	4BA	STK.		4

GENERAL TOLERANCES UNLESS NOTED		
.XXX	.XX	ANGLES
0.001	0.001	0.50
DRAWN	DATE	
J. McCLELLAND	12-16-20	
CHECKED	DATE	
APPROVED	DATE	

STUART AIR COMPRESSOR ASSEMBLY			
CUSTOMER:			
CUSTOMER P/N:			
SIZE	DRAWING NAME		
D	COMPRESSOR ASSEMBLY		
SCALE	AS SHOWN	DWG. NO.:	SHEET 1 OF 2

D

C

B

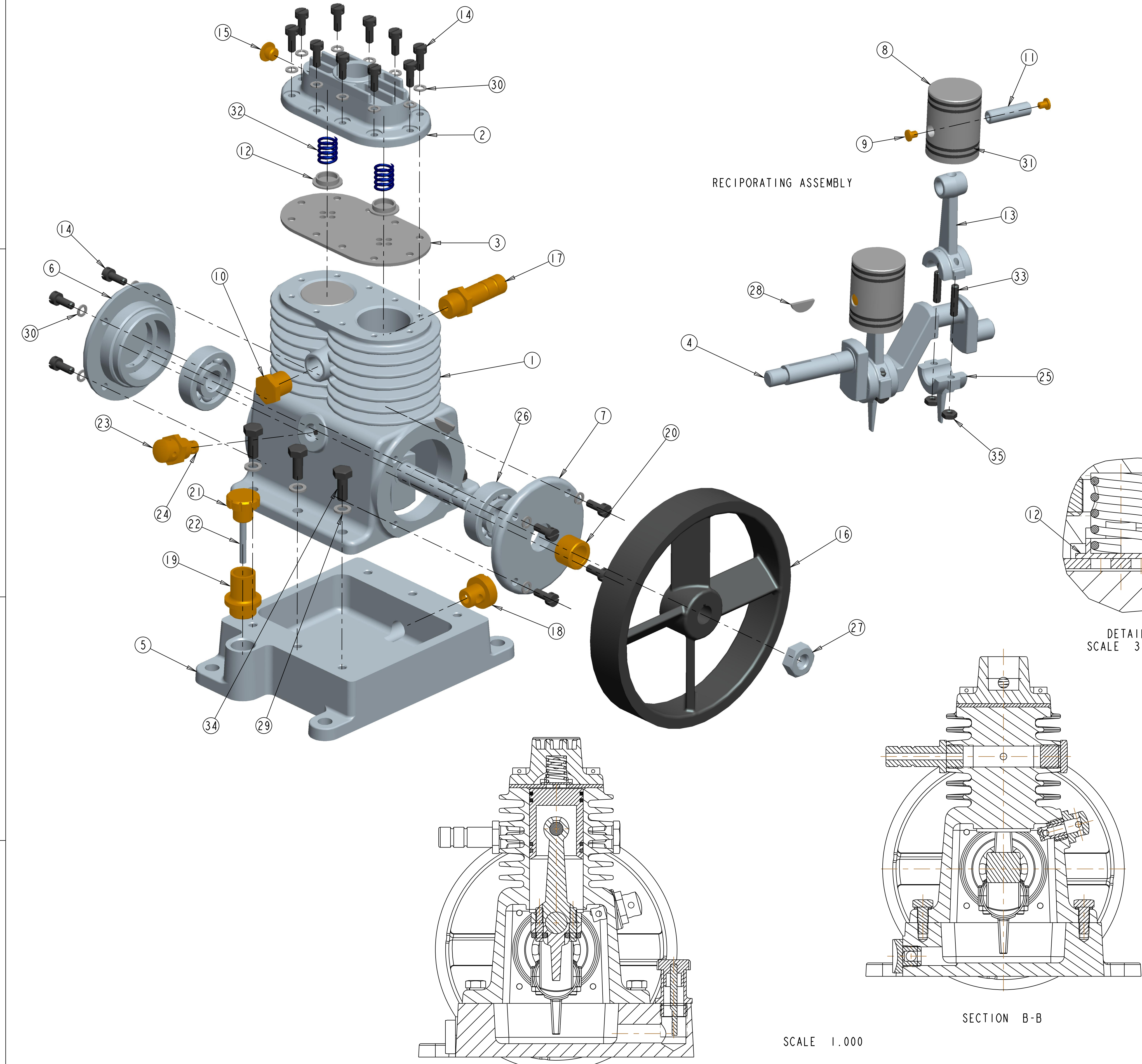
A

D

C

B

A



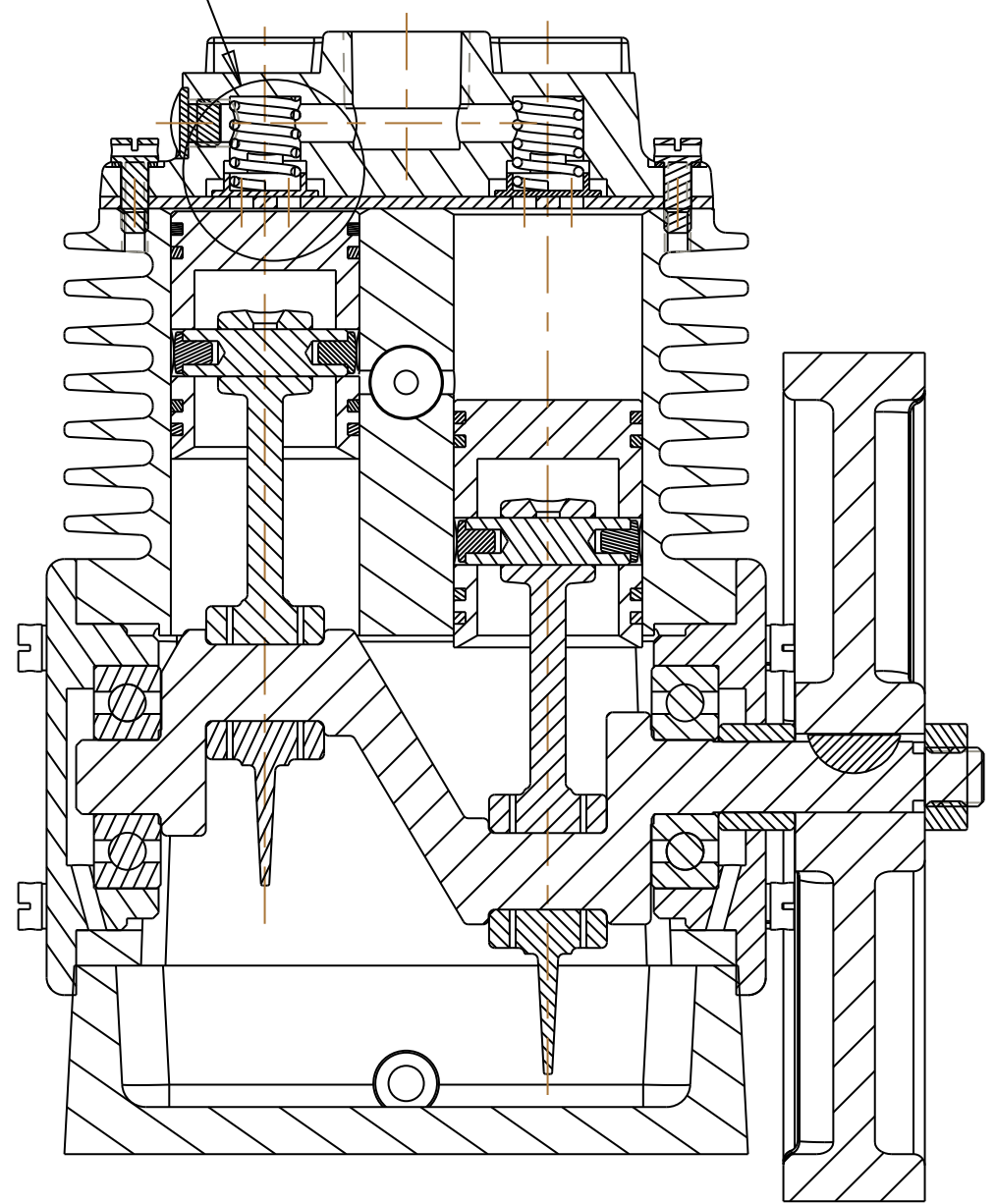
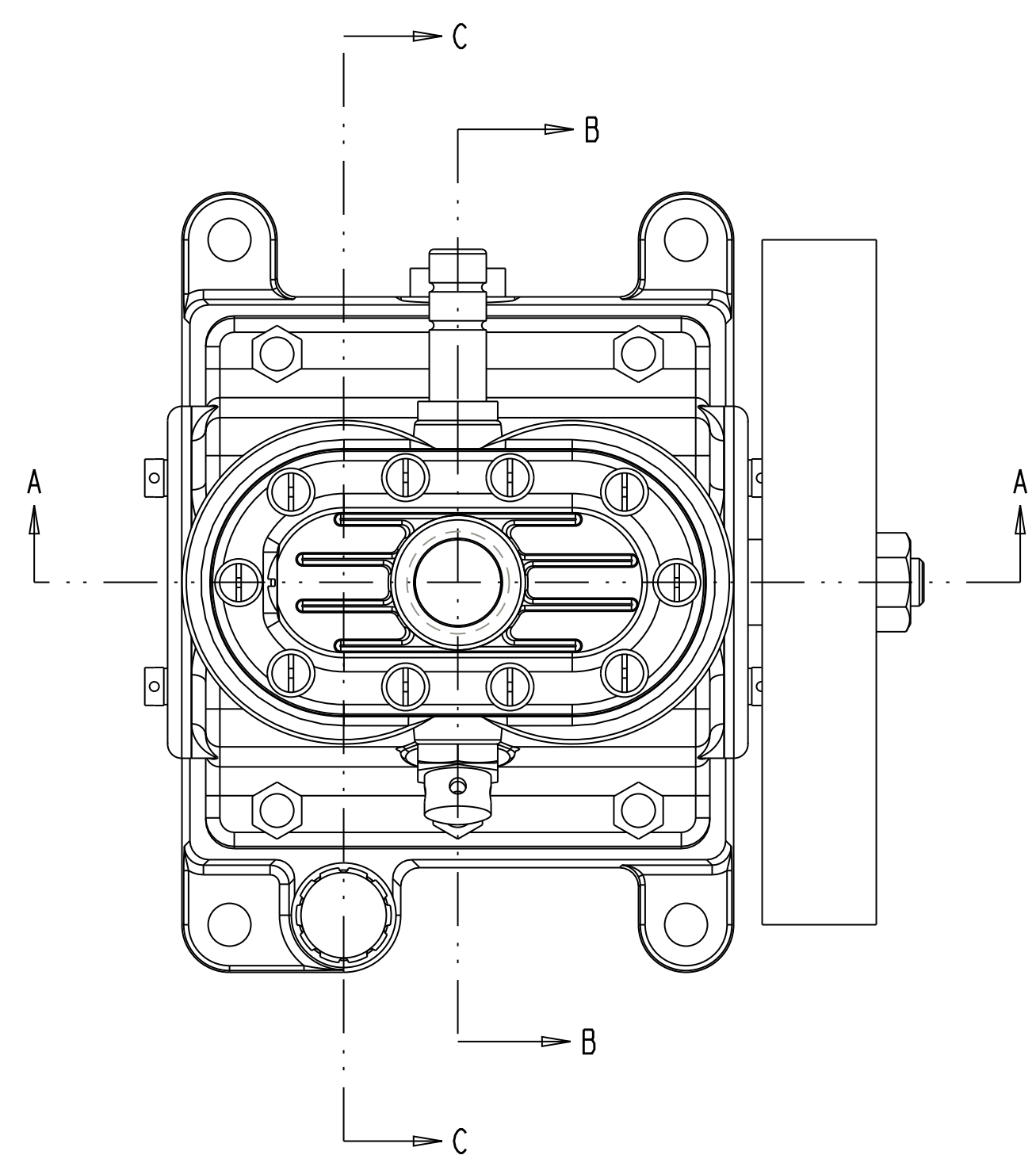
RECIPORATING ASSEMBLY

DETAIL A  
SCALE 3.000

SECTION B-B

SCALE 1.000

SECTION C-C



SECTION A-A  
SCALE 1.000

REV.	DATE	DESCRIPTION
0		

GENERAL TOLERANCES UNLESS NOTED			STUART AIR COMPRESSOR ASSEMBLY			
.XXX	.XX	ANGLES				
0.001	0.001	0.50	CUSTOMER:			
DRAWN		DATE	CUSTOMER P/N:			
J. McCLELLAND		12-16-20	SIZE			
CHECKED		DATE	DRAWING NAME			
APPROVED		DATE	D COMPRESSOR ASSEMBLY			
SCALE AS SHOWN		DWG. NO.:	SHEET	2	OF	2