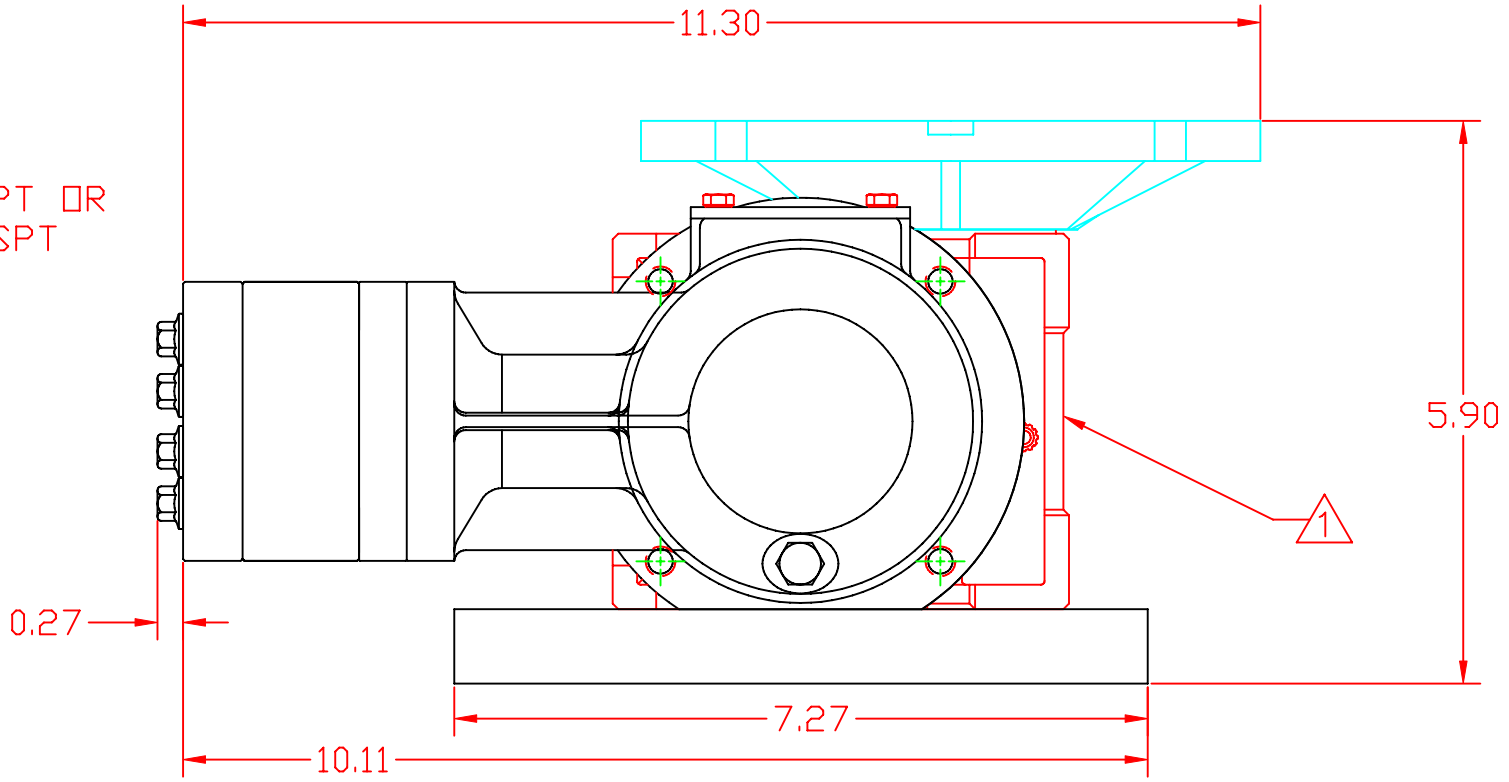
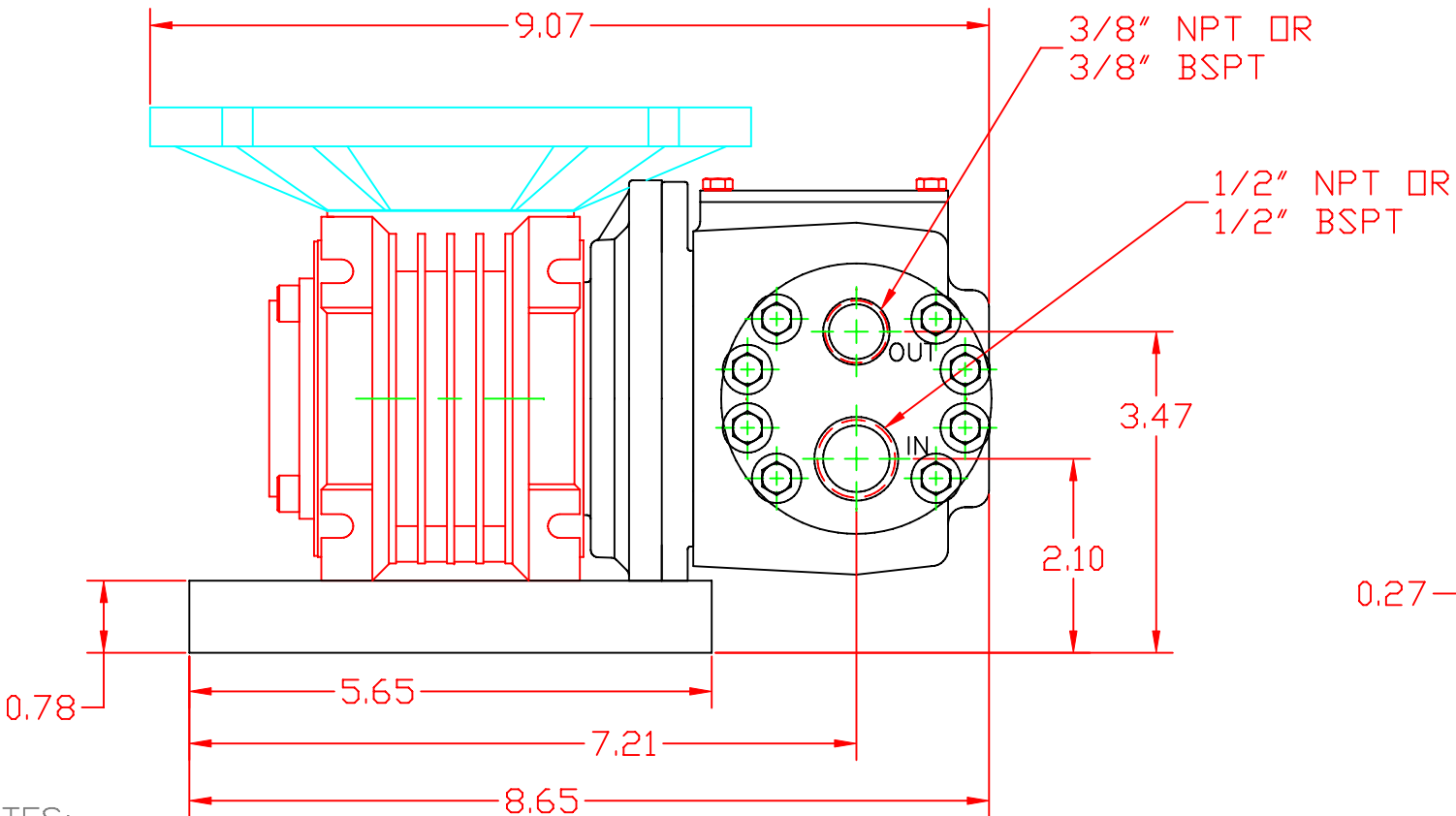
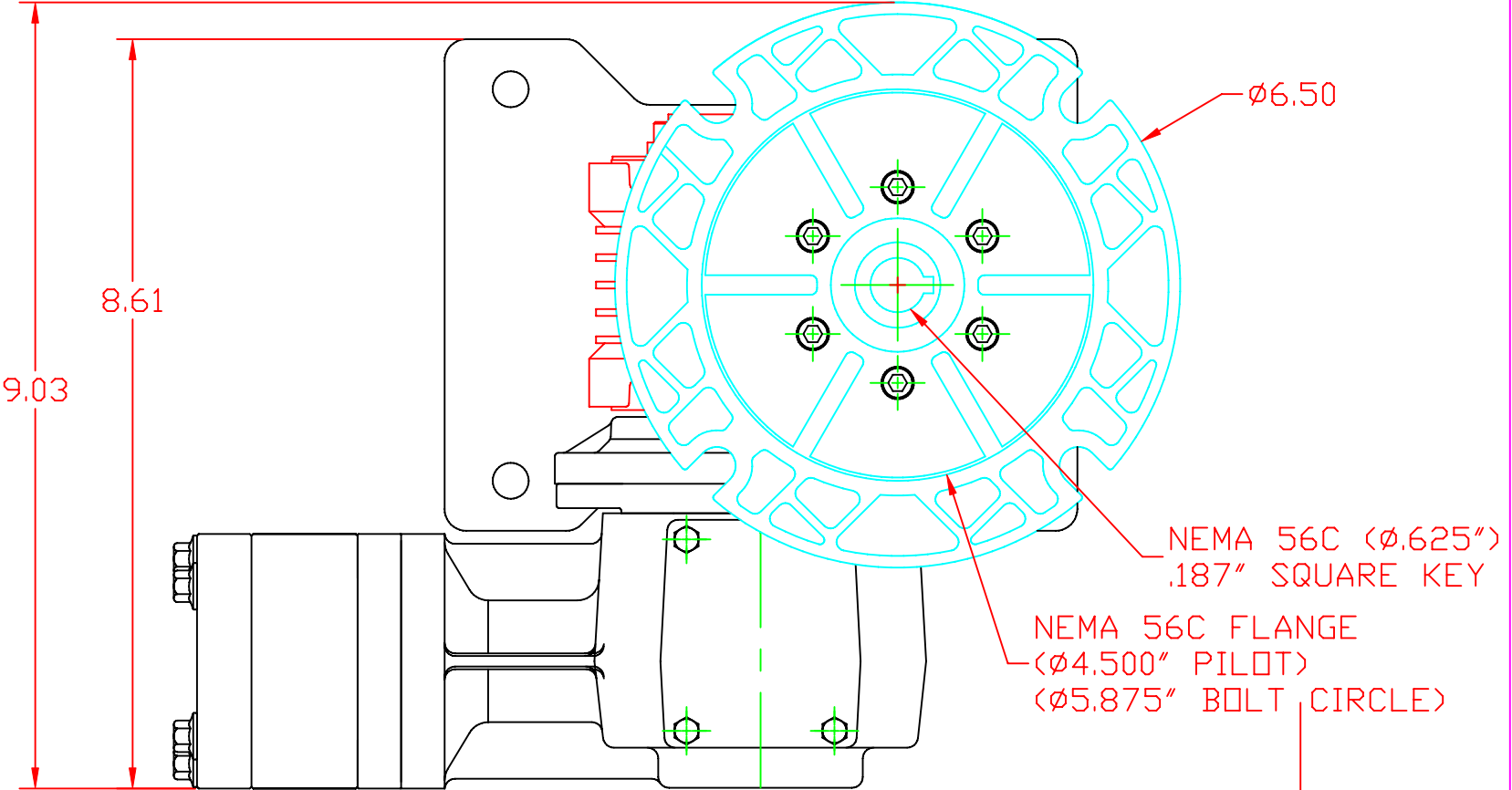
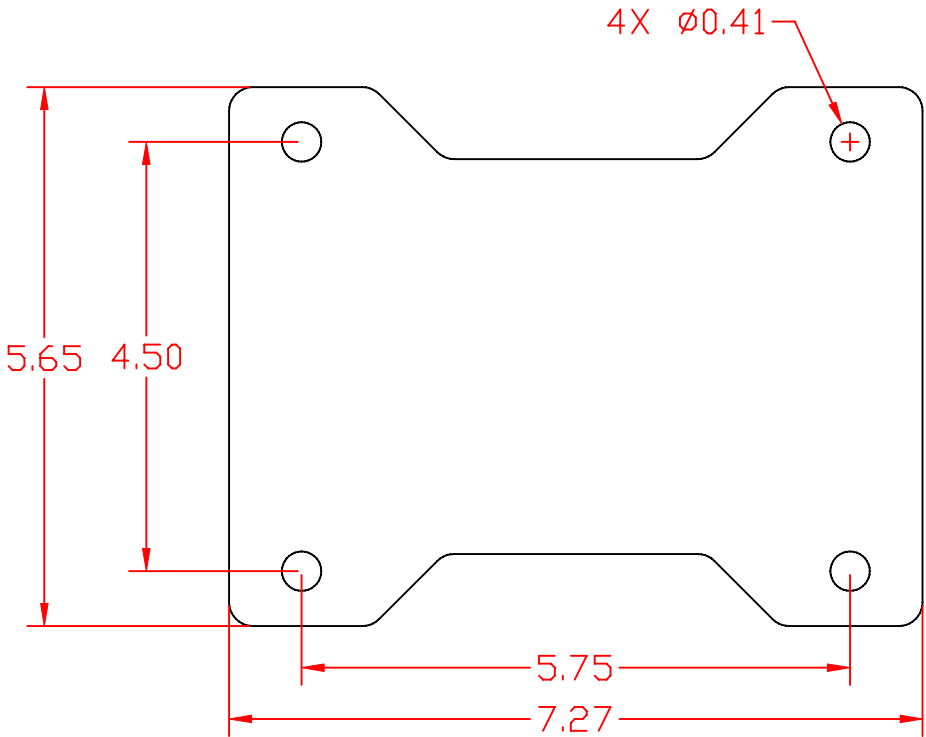
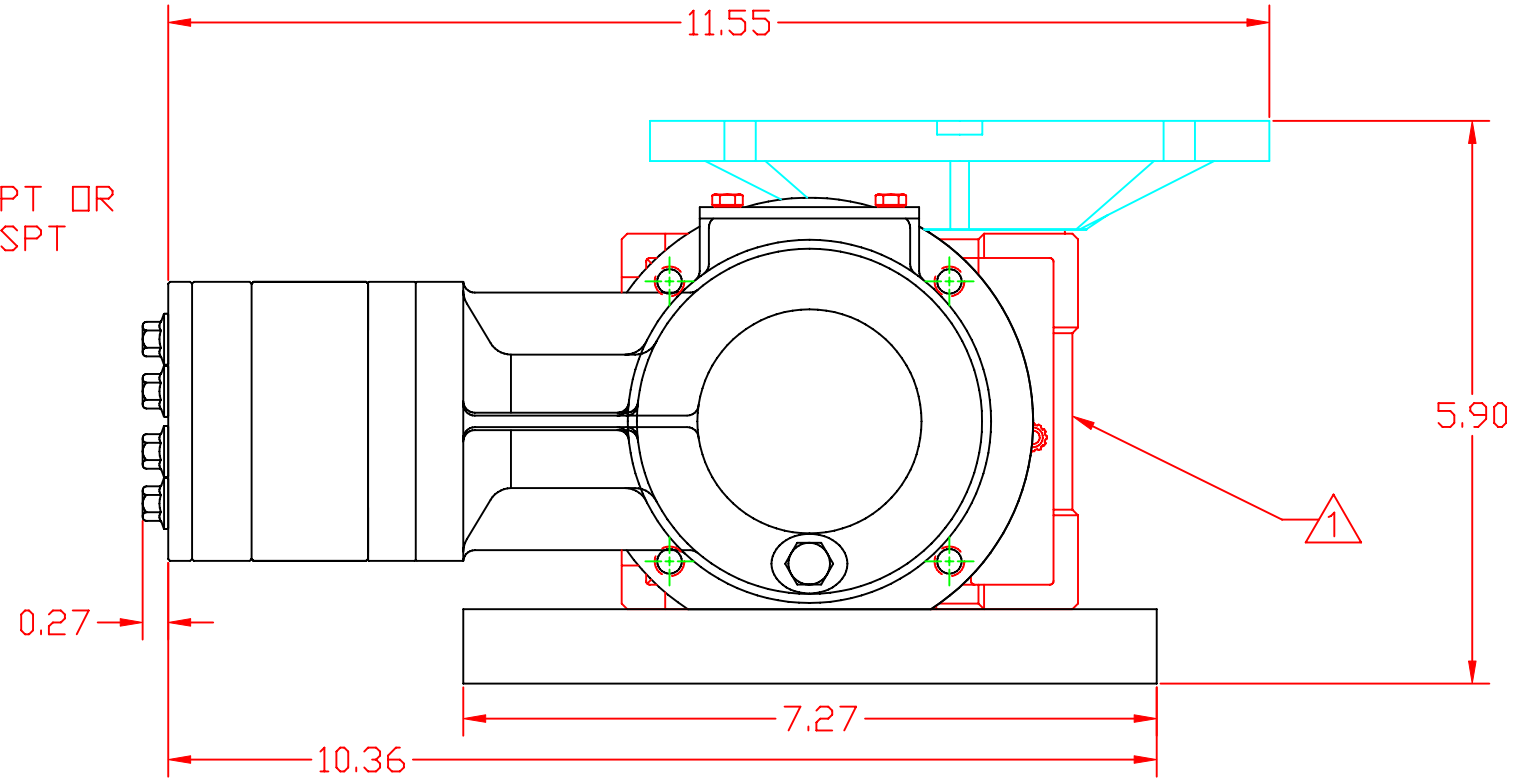
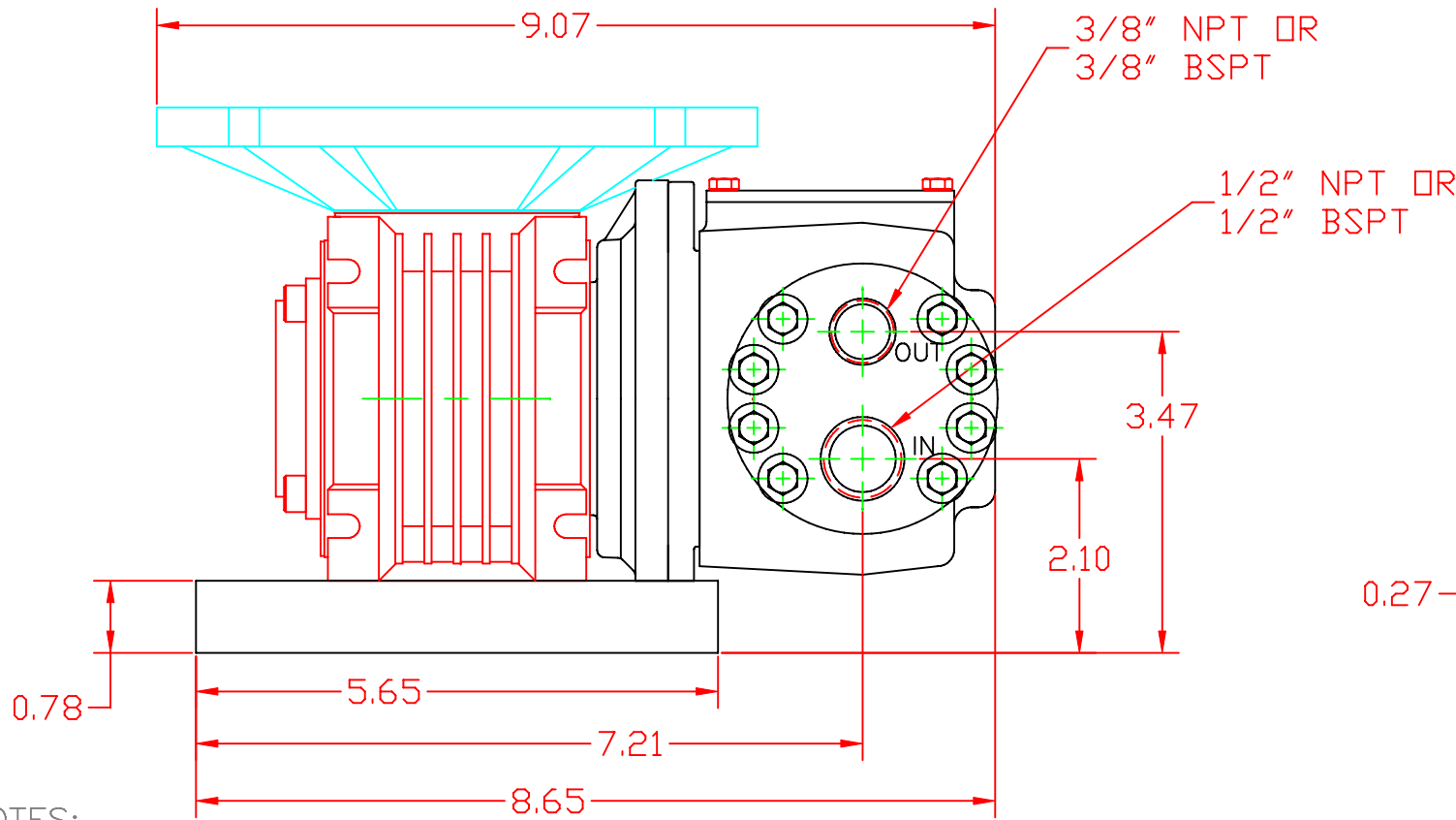
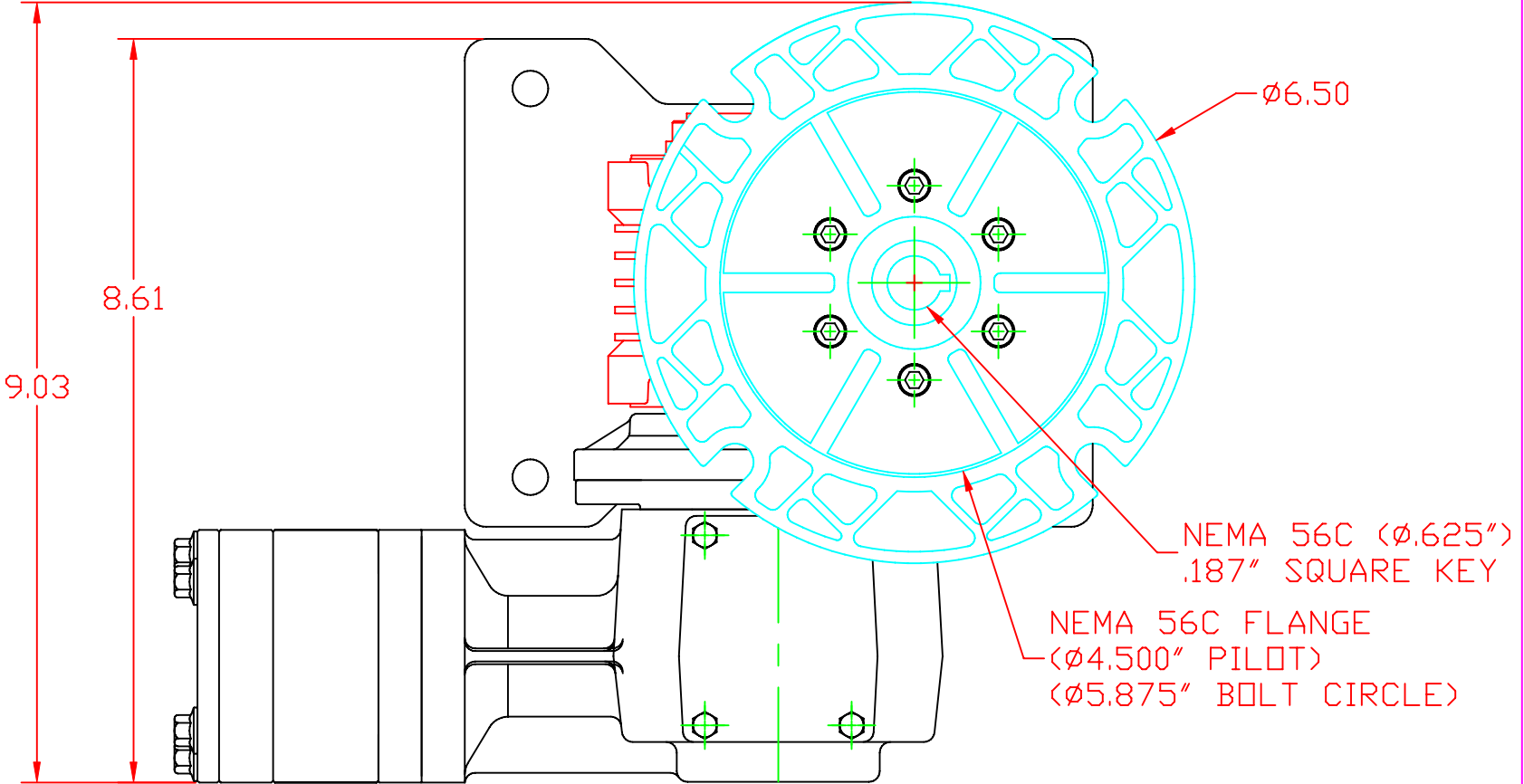
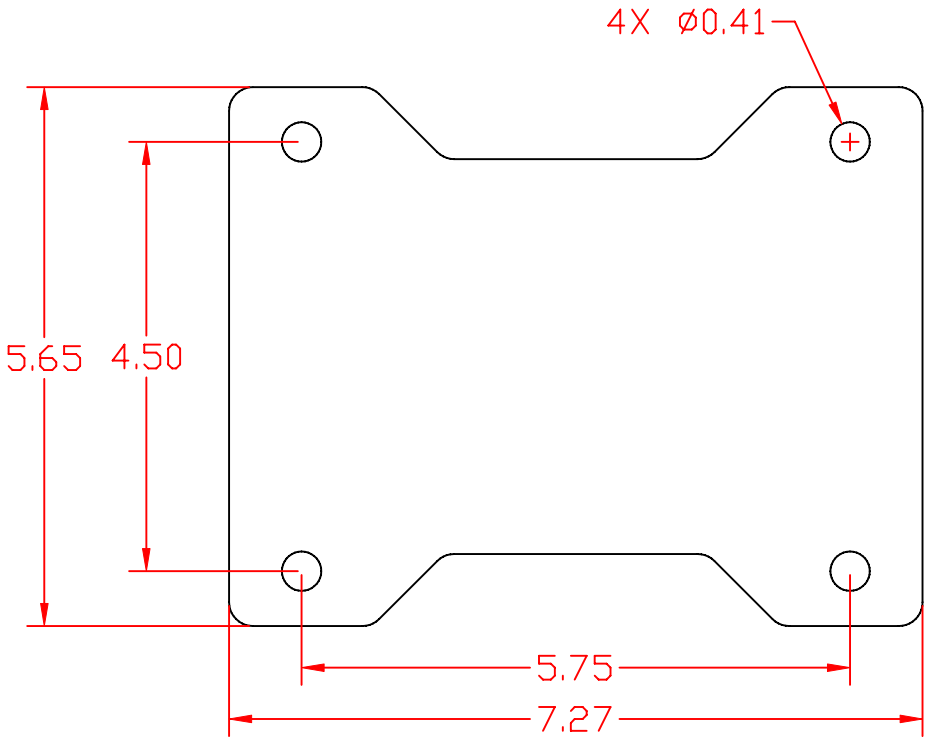




NOTES:

1. WORM GEAR REDUCER AVAILABLE IN THE FOLLOWING RATIOS: 5:1, 7.5:1, 10:1, 15:1, 20:1, 25:1, 30:1, 40:1, 50:1, 60:1, 80:1, 100:1. 2. WEIGHT = 18.5 LBS (8.4 KG) (NO MOTOR)

UNLESS OTHERWISE SPECIFIED		MAT'L		PUMPING HEAD AVAILABLE IN 316 SST OR HASTELLOY C	
- ALL DIMENSIONS ARE IN INCHES.	TOL UNLESS NOTED	DWN	06-07-05	JJH	WANNER ENGINEERING INC
- DRAWING MAY NOT BE TO SCALE	.X = ± .020	CHK'D			1204 CHESTNUT AVE. MPLS, MN 55403
- ALL DIMENSIONS APPLY AFTER PLATING, COATING AND HEAT TREATING, BUT BEFORE PAINTING.	.XX = ± .010	APP'D			TITLE
- REMOVE ALL BURRS, BREAK ALL SHARP EDGES AND CORNERS	.XXX = ± .005	USED ON	X	X	DIMENSIONAL DWG, P100
PROPRIETARY STATEMENT		NEXT ASSY	X	X	SIZE
This document contains confidential and proprietary information and is not to be reproduced or the information contained therein disclosed to others without consent, in writing, from WANNER ENGINEERING INC.		SHEET	1	OF 1	D
		SCALE	1:1	FORM DBLK	REV.
					A

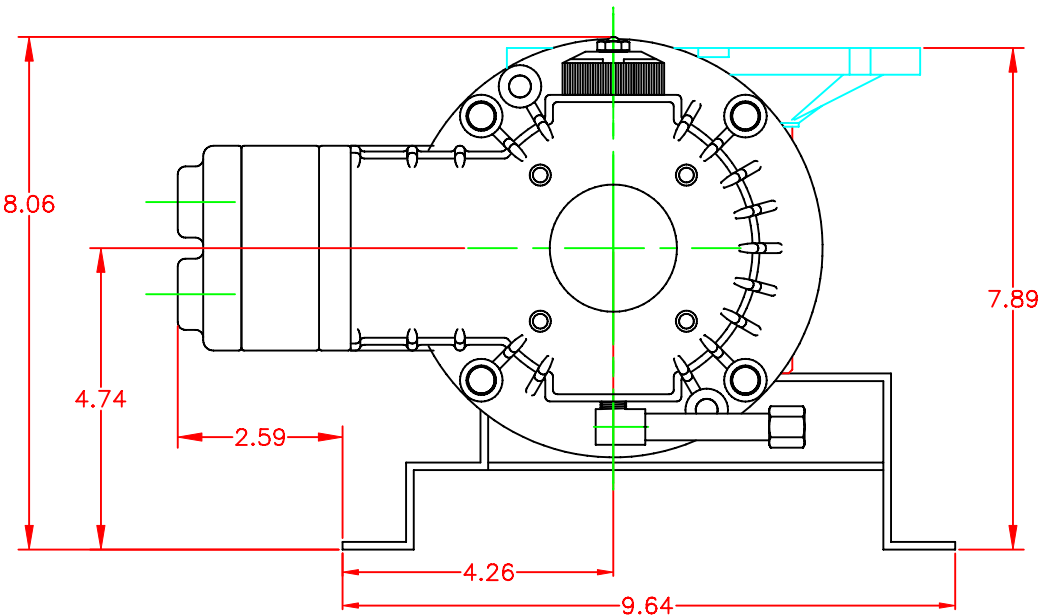
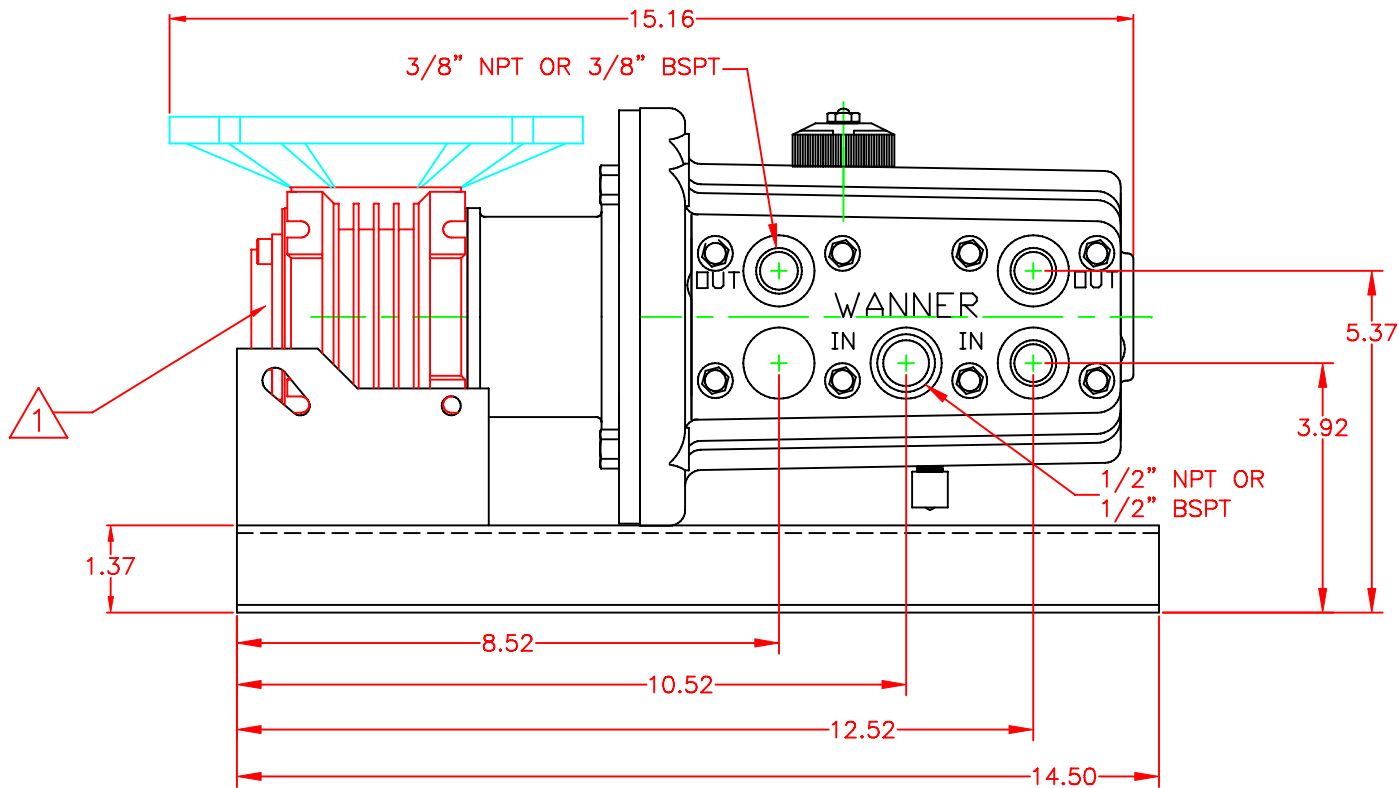
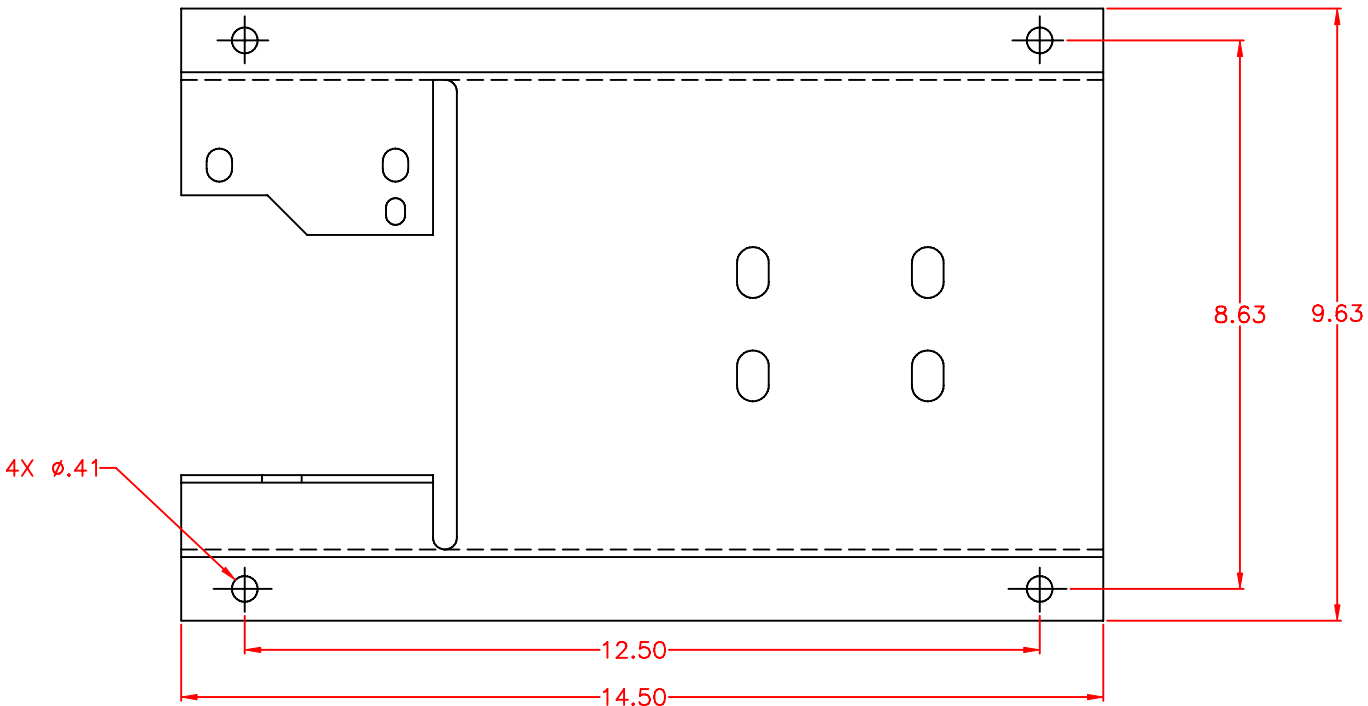
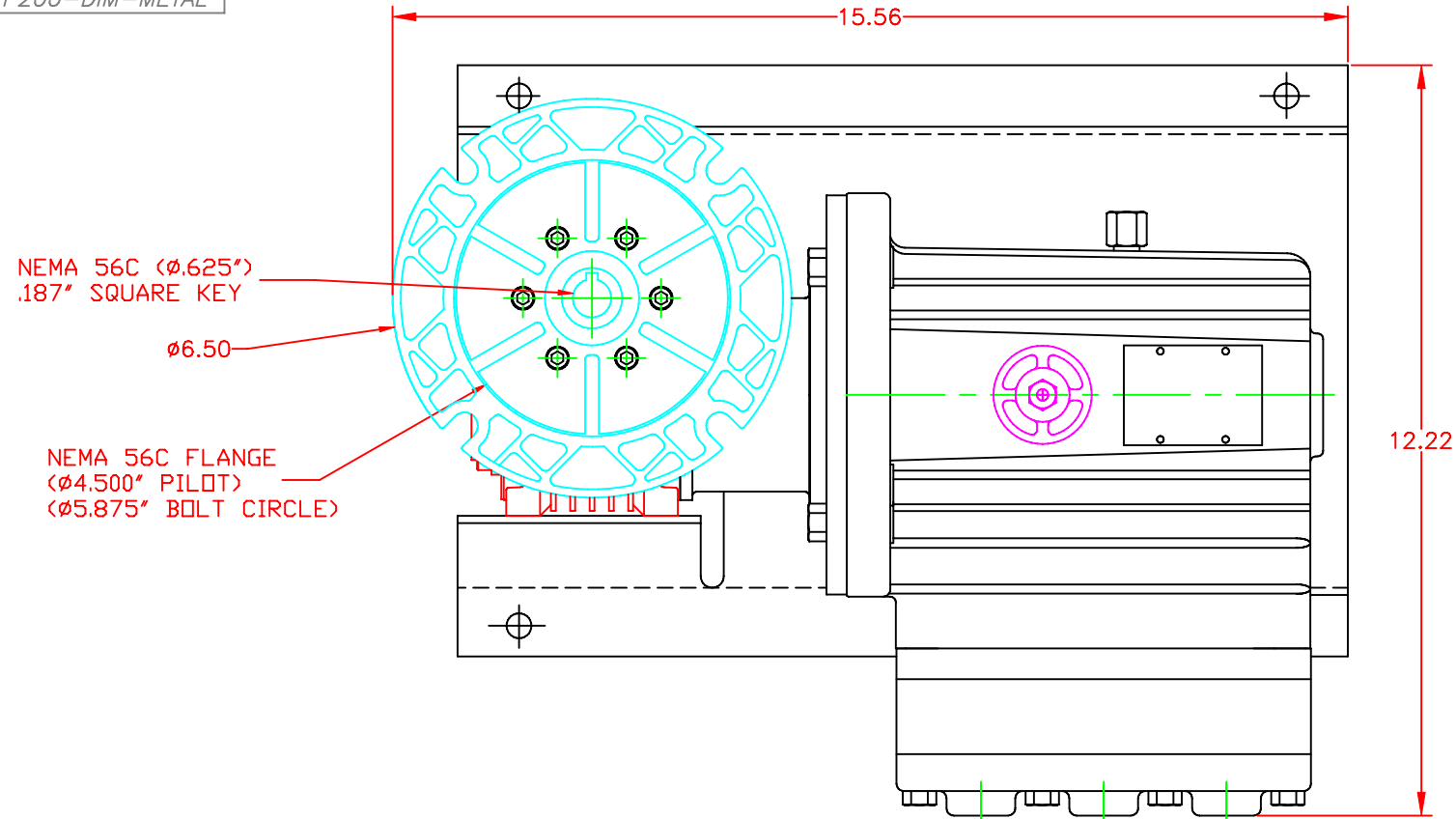


NOTES:

1. WORM GEAR REDUCER AVAILABLE IN THE FOLLOWING RATIOS: 5:1, 7.5:1, 10:1, 15:1, 20:1, 25:1, 30:1, 40:1, 50:1, 60:1, 80:1, 100:1.
2. WEIGHT = 16.4 LBS (7.44 KG) (NO MOTOR)

				MAT'L PUMPING HEAD AVAILABLE IN POLYPROPYLENE OR KYNAR			
UNLESS OTHERWISE SPECIFIED		TOL UNLESS NOTED		DWN 06-07-05 JJH		WANNER ENGINEERING INC	
- ALL DIMENSIONS ARE IN INCHES.		.X = ± .020		CHK'D		1204 CHESTNUT AVE. MPLS, MN 55403	
- DRAWING MAY NOT BE TO SCALE		.XX = ± .010		APP'D		TITLE	
- ALL DIMENSIONS APPLY AFTER PLATING, COATING AND HEAT TREATING, BUT BEFORE PAINTING.		.XXX = ± .005		USED ON X		X DIMENSIONAL DWG, P100	
- REMOVE ALL BURRS, BREAK ALL SHARP EDGES AND CORNERS		ANGLES = ± .50°		NEXT ASSY X		X DWG NO	
PROPRIETARY STATEMENT		FINISH: 125 RMS		SHEET 1 OF 1		REV.	
This document contains confidential and proprietary information and is not to be reproduced or the information contained therein disclosed to others without consent, in writing, from WANNER ENGINEERING INC.		A		SCALE 1:1 FORM DBLK		P100-DIM-PLAST A	

REV.	DESCRIPTION	DATE	ECO	DWN
A	NEW RELEASE	06-10-05	E150	JJH



NOTES:

- WORM GEAR REDUCER AVAILABLE IN THE FOLLOWING RATIOS: 5:1, 7.5:1, 10:1, 15:1, 20:1, 25:1, 30:1, 40:1, 50:1, 60:1, 80:1, 100:1.
- WEIGHT = 39 LBS (17.7 KG)
(NO MOTOR)

UNLESS OTHERWISE SPECIFIED
- ALL DIMENSIONS ARE IN INCHES.
- DRAWING MAY NOT BE TO SCALE
- ALL DIMENSIONS APPLY AFTER PLATING, COATING AND HEAT TREATING, BUT BEFORE PAINTING.
- REMOVE ALL BURRS, BREAK ALL SHARP EDGES AND CORNERS

PROPRIETARY STATEMENT
This document contains confidential and proprietary information and is not to be reproduced or the information contained therein disclosed to others without consent, in writing, from WANNER ENGINEERING INC.

TOL UNLESS NOTED

.XX = ± .010
.XXX = ± .005
ANGLES = ± .50°

FINISH: 125 RMS



MAT'L PUMPING HEAD AVAILABLE IN 316 SST OR HASTELLOY C

DWN	06-10-05	JJH
CHK'D		
APP'D		
USED ON		
NEXT ASSY		
SHEET	1 OF 1	
SCALE	1:3	FORM BBLK

WANNER ENGINEERING INC
1204 CHESTNUT AVE. MPLS, MN 55403

TITLE
DIMENSIONAL DRG, P200

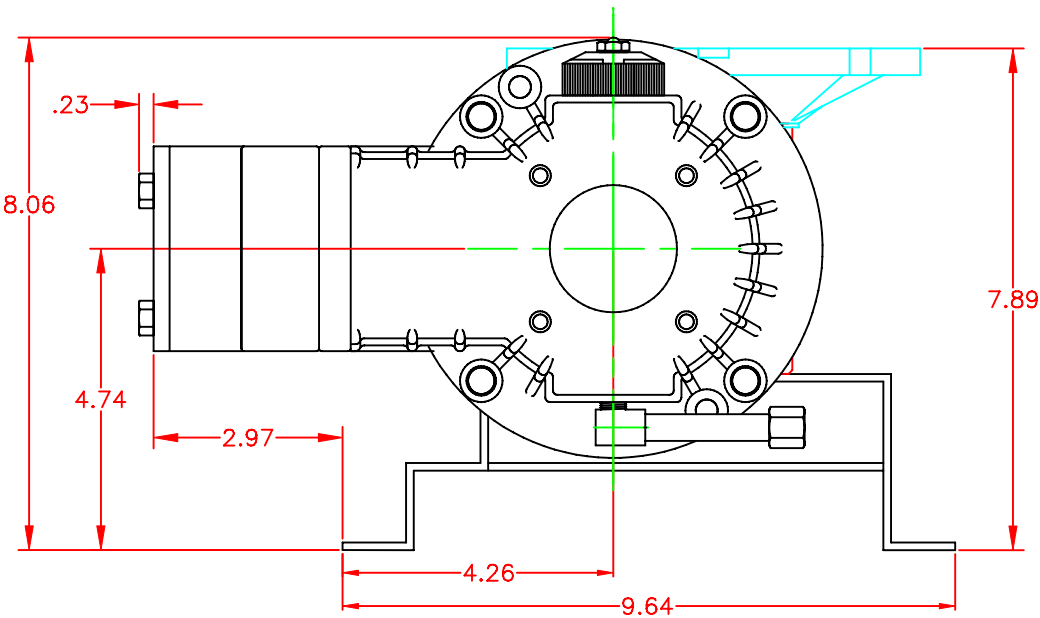
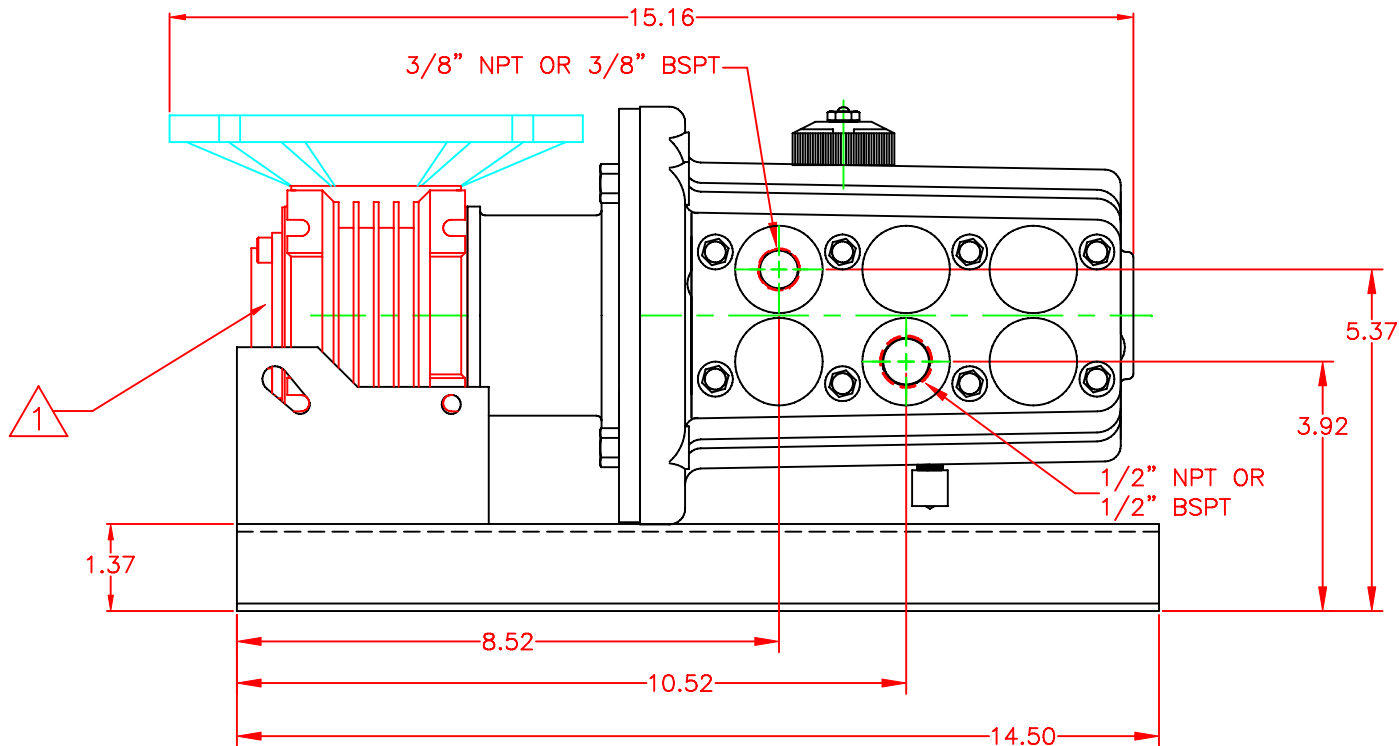
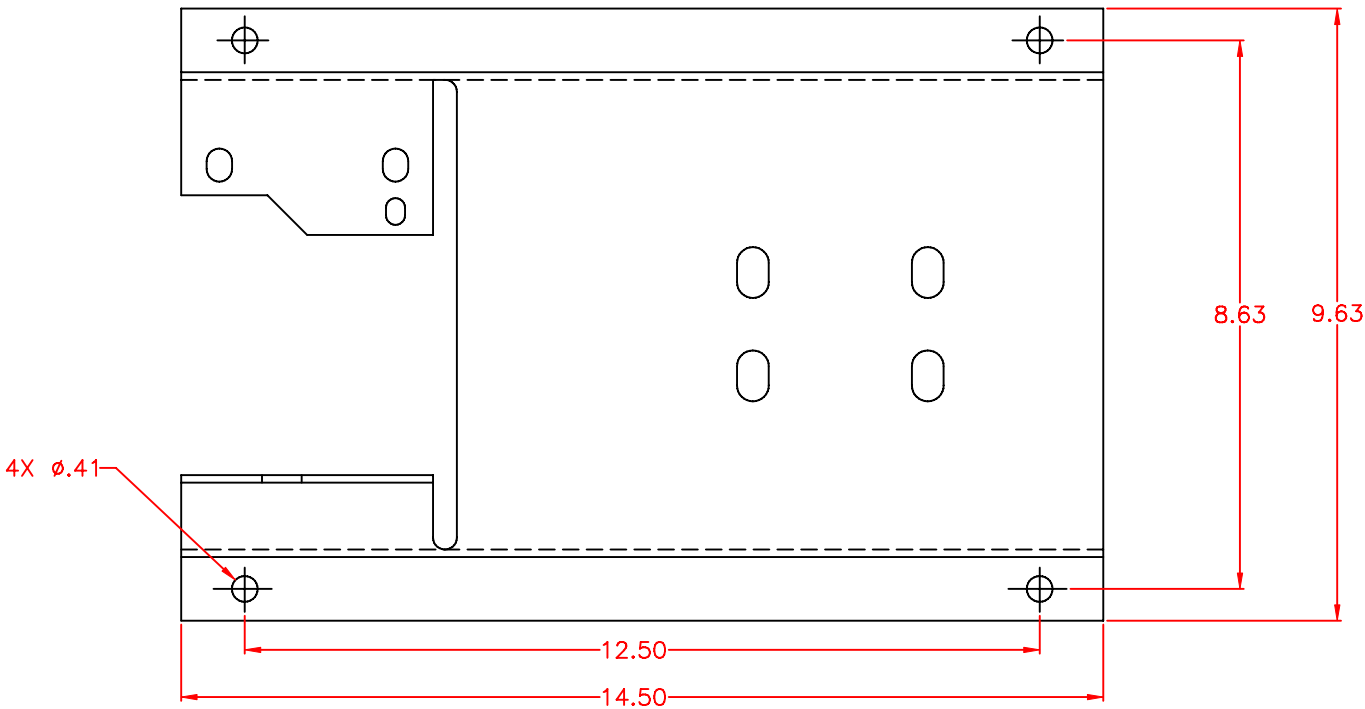
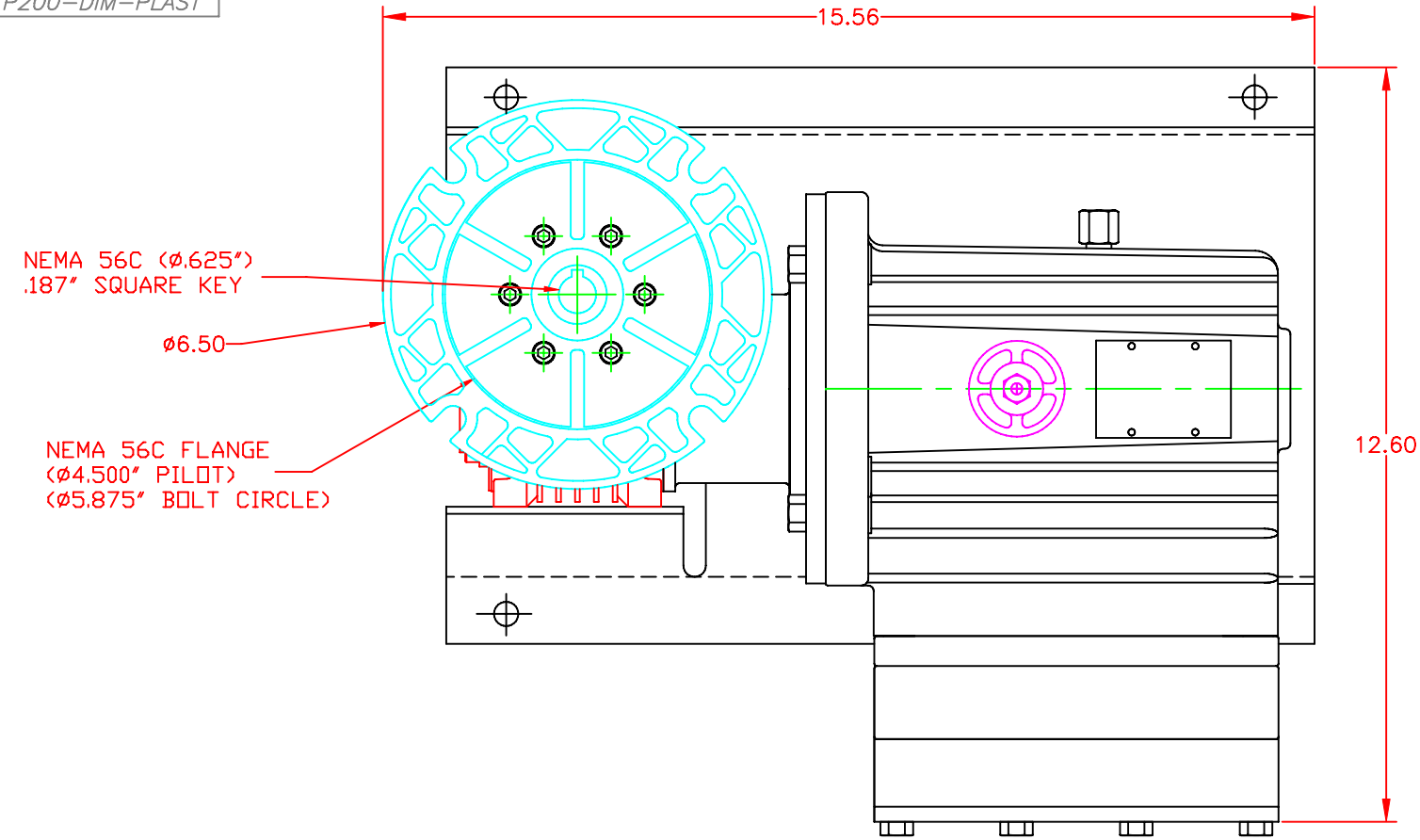
DWG NO
P200-DIM-METAL

SIZE
B

REV.
A

DWG NO
P200-DIM-PLAST

REV.	DESCRIPTION	DATE	ECO	DWN
A	NEW RELEASE	06-10-05	E150	JJH



NOTES:

- WORM GEAR REDUCER AVAILABLE IN THE FOLLOWING RATIOS: 5:1, 7.5:1, 10:1, 15:1, 20:1, 25:1, 30:1, 40:1, 50:1, 60:1, 80:1, 100:1.
- WEIGHT = 30 LBS (13.6 KG)
(NO MOTOR)

UNLESS OTHERWISE SPECIFIED
- ALL DIMENSIONS ARE IN INCHES.
- DRAWING MAY NOT BE TO SCALE
- ALL DIMENSIONS APPLY AFTER PLATING, COATING AND HEAT TREATING, BUT BEFORE PAINTING.
- REMOVE ALL BURRS, BREAK ALL SHARP EDGES AND CORNERS

PROPRIETARY STATEMENT
This document contains confidential and proprietary information and is not to be reproduced or the information contained therein disclosed to others without consent, in writing, from WANNER ENGINEERING INC.

TOL UNLESS NOTED

.XX = ± .010
.XXX = ± .005
ANGLES = ± .50°

FINISH: 125 RMS



MAT'L PUMPING HEAD AVAILABLE IN POLYPROPYLENE OR KYNAR

DWN 06-10-05 JJH

CHK'D

APP'D

USED ON

NEXT ASSY

SHEET 1 OF 1

SCALE 1:3

FORM BBLK

WANNER ENGINEERING INC
1204 CHESTNUT AVE. MPLS, MN 55403

TITLE
DIMENSIONAL DRG, P200

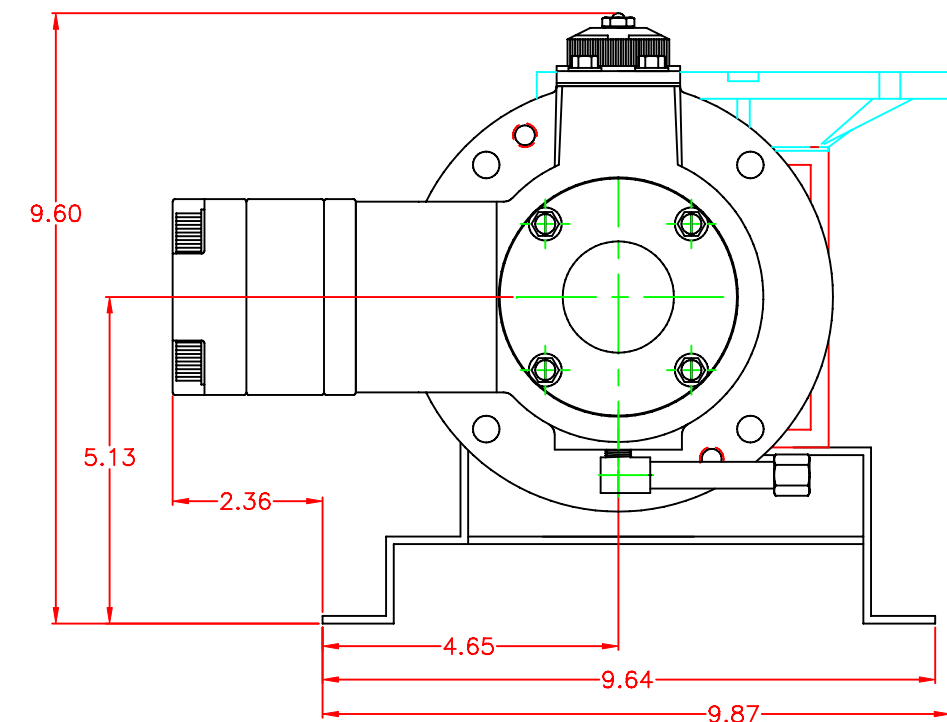
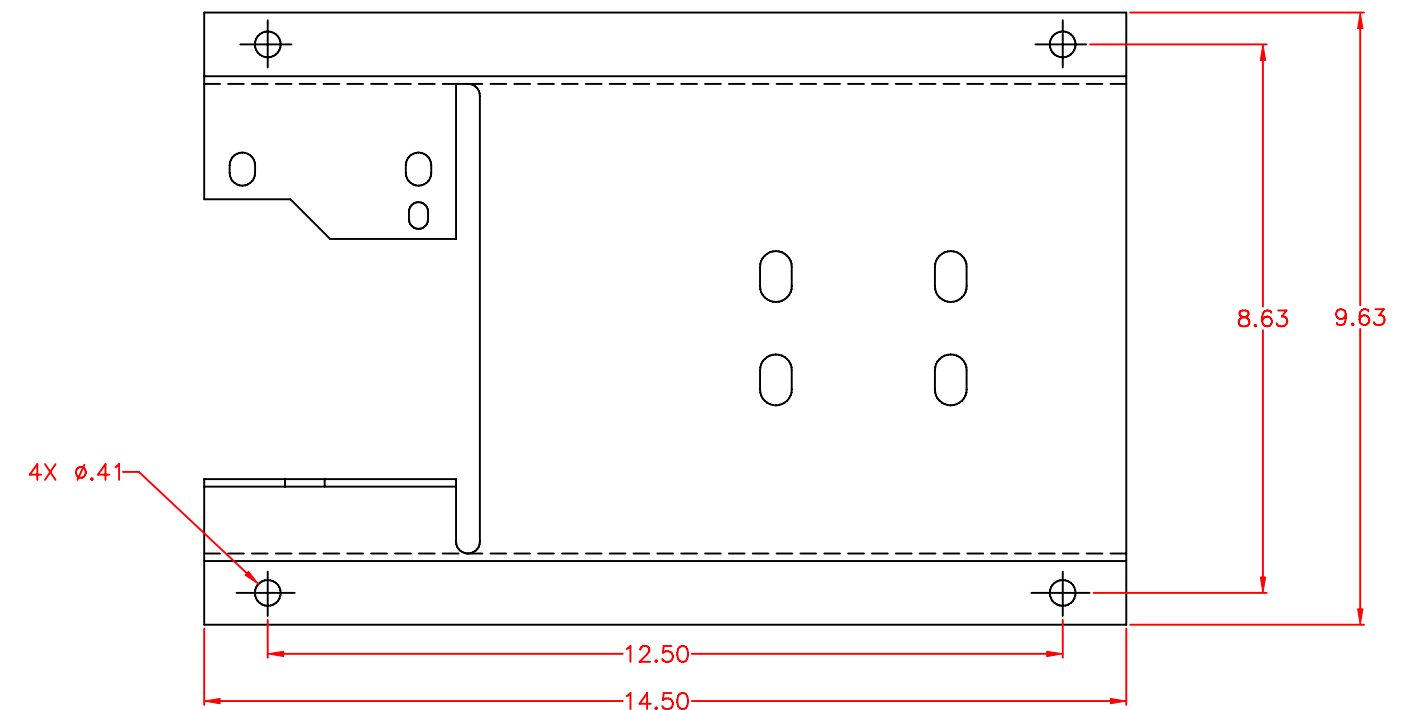
DWG NO

P200-DIM-PLAST

SIZE
B

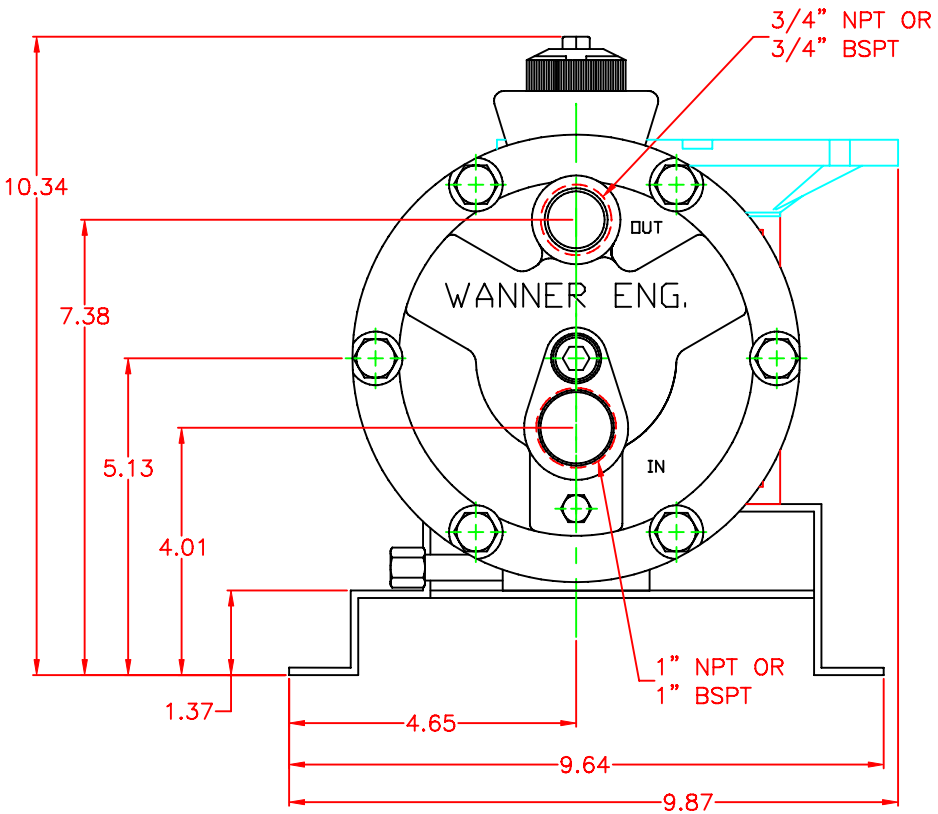
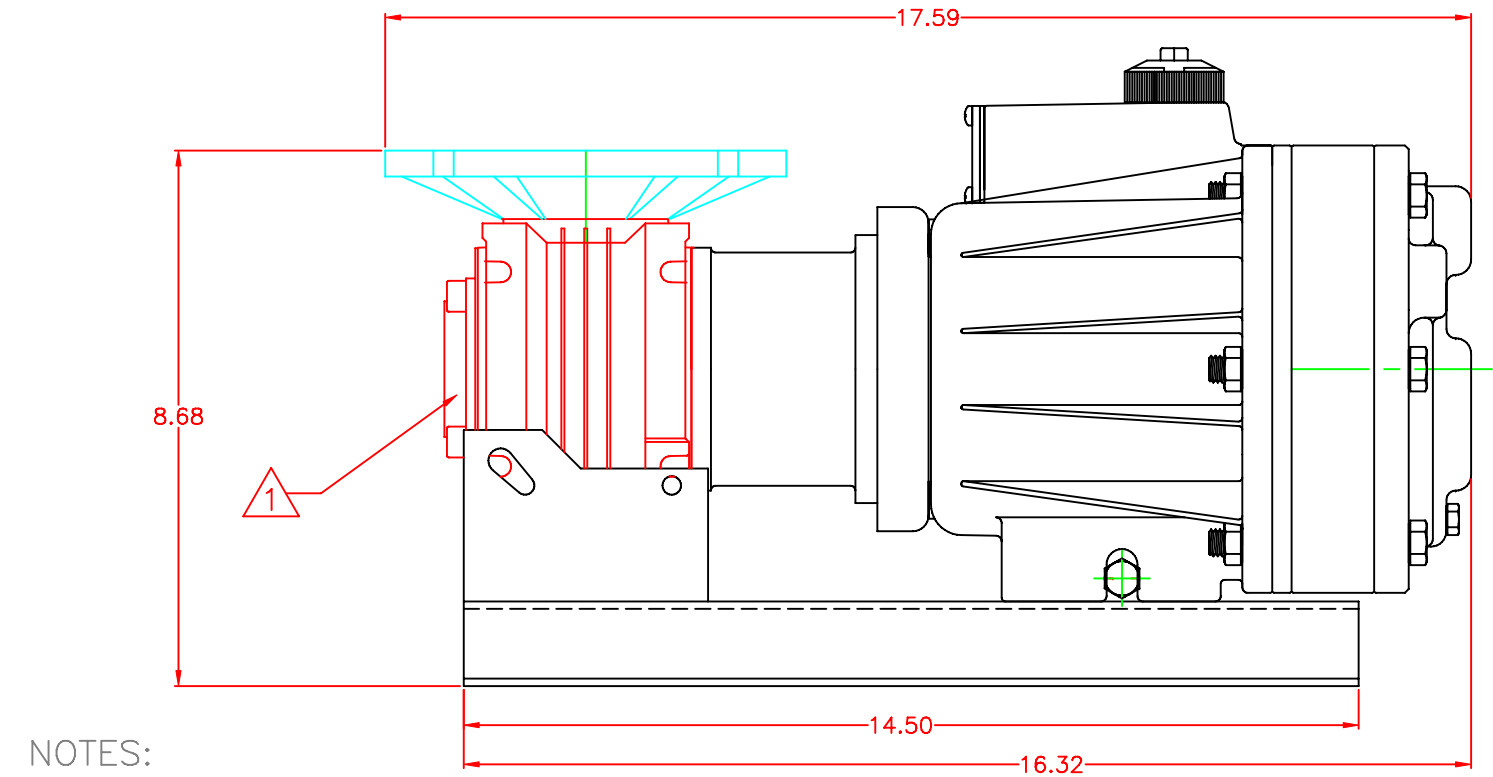
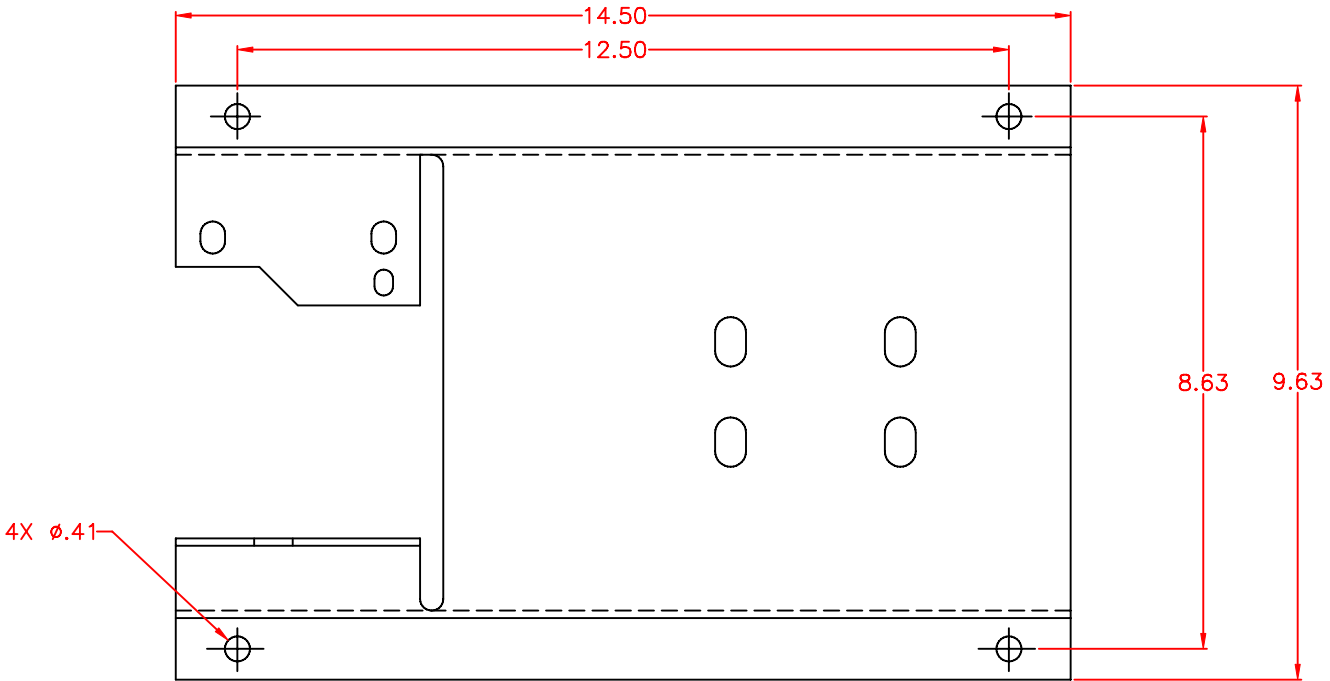
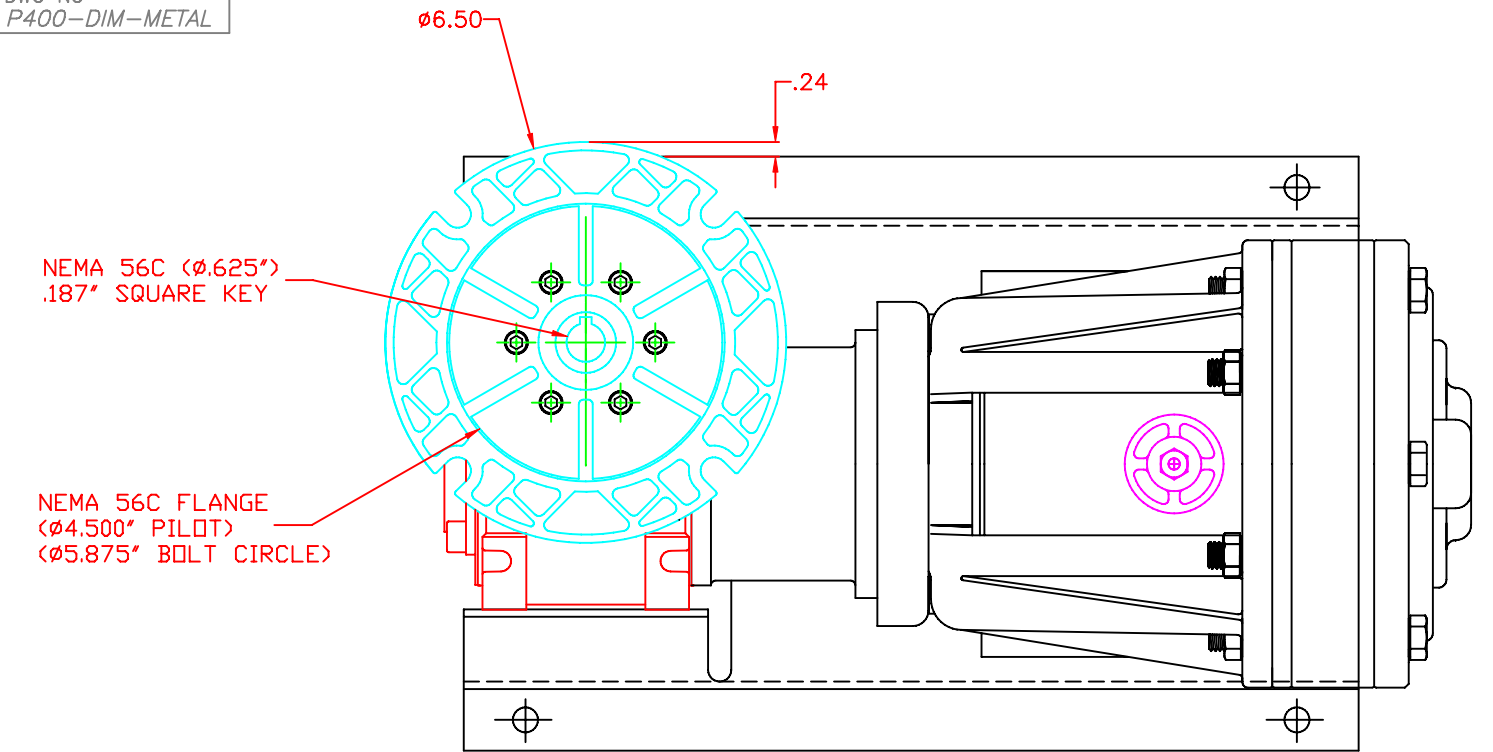
REV.

A



DWG NO	REV.
P300-DIM-METAL	A

REV.	DESCRIPTION	DATE	ECO	DWN
A	NEW RELEASE	06-09-05	E150	JJH



NOTES:

1. WORM GEAR REDUCER AVAILABLE IN THE FOLLOWING RATIOS: 5:1, 7.5:1, 10:1, 15:1, 20:1, 25:1, 30:1, 40:1, 50:1, 60:1, 80:1, 100:1.

2. WEIGHT = 62 LBS (28.1 KG)
(NO MOTOR)

UNLESS OTHERWISE SPECIFIED
- ALL DIMENSIONS ARE IN INCHES.
- DRAWING MAY NOT BE TO SCALE
- ALL DIMENSIONS APPLY AFTER PLATING, COATING AND HEAT TREATING, BUT BEFORE PAINTING.
- REMOVE ALL BURRS, BREAK ALL SHARP EDGES AND CORNERS

PROPRIETARY STATEMENT
This document contains confidential and proprietary information and is not to be reproduced or the information contained therein disclosed to others without consent, in writing, from WANNER ENGINEERING INC.

MAT'L	PUMPING HEAD AVAILABLE IN 316 SST OR HASTELLOY C				WANNER ENGINEERING INC		SIZE
TOL UNLESS NOTED	DWN	06-09-05	JJH		1204 CHESTNUT AVE. MPLS, MN 55403		REV.
.XX = ± .010	CHK'D				TITLE DIMENSIONAL DRG, P400		B
.XXX = ± .005	APP'D						A
ANGLES = ± .50°	USED ON				DWG NO P400-DIM-METAL		
	NEXT ASSY						
FINISH: 125 RMS	SHEET	1 OF 1					
	SCALE	1:3	FORM	BBLK			

