

BRACKET CAN BE
CLOCKED EVERY 22.5°

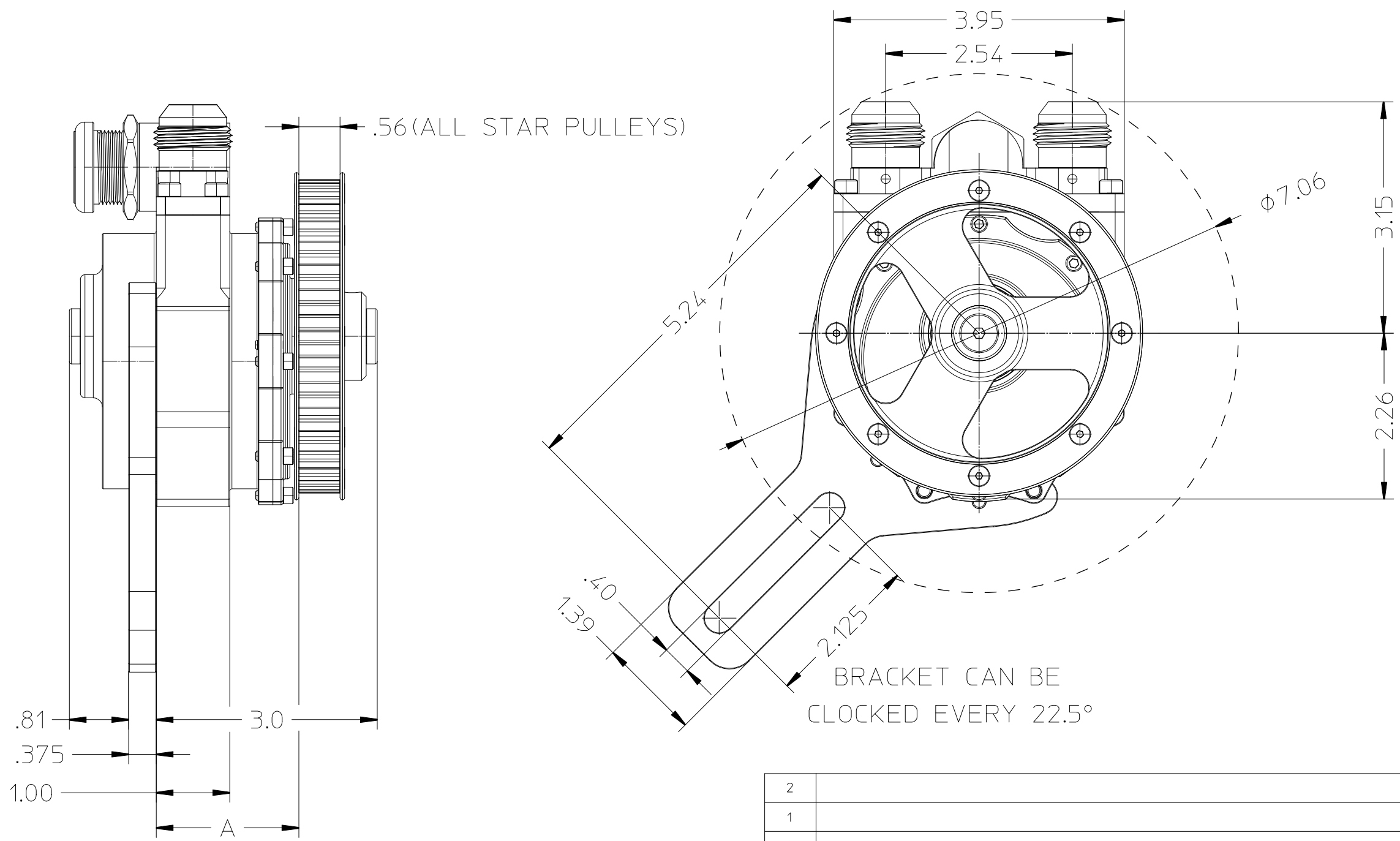
* STAND LENGTH NOTES *
STANDARD LENGTH = 2.25
MAX. LENGTH = 4.00, MIN. LENGTH = 1.50
STOCKED LENGTHS = 1.50 TO 2.25 IN 0.125 INCREMENTS
CUSTOM LENGTHS AVAILABLE UPON REQUEST

PULLEY	A DIMENSION	A DIMENSION (PULLEY REVERSED)	B DIMENSION (PULLEY DIAMETER)
GEN1&2 36T ALUM. PULLEY STR.02.07.008 & STR.21.06.100	4.69	5.13	4.50
GEN1 24T ALUMINUM PULLEY STR.03.12.000	4.69	5.13	2.98
GEN2 24T ALUMINUM PULLEY STR.03.12.000	4.69	5.13	2.98
GEN3 24T ALUMINUM PULLEY STR.20.06.100	4.85	4.96	3.10
ALL COMPOSITE PULLEYS 24T 36T 40T	4.85	NOT POSSIBLE	24 TOOTH = 3.14 36 TOOTH = 4.45 40 TOOTH = 5.00*

REV.	REVISION DESCRIPTION	DATE
2		
1		
0		

STAR MACHINE 7810 OAK AVENUE PARKVILLE, MD. 21234		DESCRIPTION	LAYOUT DIMENSIONS, GEN2 STANDARD PUMP WITH REAR MOUNTING BRACKET STR.99.06.10		
HEAT TREATING		HARDNESS		MATERIAL	
SURFACE PREPARATION		DEPTH		DESIGNED BY T HIGDON	
FINISH		SCALE		SHEET 1 OF 1	
DRAWING NO. STR.09.04.000		SIZE B		THIS DRAWING IS THE PROPERTY OF STAR MACHINE. IT SHALL NOT BE DISCLOSED OR COPIED WITHOUT THE WRITTEN AUTHORIZATION OF STAR MACHINE.	

TOLERANCES UNLESS SPECIFIED	LINEAR (INCHES)		ANGULAR	
	0.05--10 ± 0.005	11--20 ± 0.010	0-90 ± 0.25°	91-180 ± 0.50°
21--30 ± 0.015	31--40 ± 0.020	181-270 ± 0.75°	271-360 ± 1.00°	
44--50 ± 0.030	51--100 ± 0.050			
BREAK ALL EDGES UNLESS SPECIFIED	GEOMETRIC (INCHES)			
	0.05-10 ± 0.005	0.05-20 0.005	21--40 0.010	41--50 0.015
51--100 ± 0.050	0.002	0-100 0.015		



PULLEY	A DIMENSION	A DIMENSION (PULLEY REVERSED)	B DIMENSION (PULLEY DIAMETER)
GEN1&2 36T ALUM. PULLEY STR.02.07.008 & STR.21.06.100	1.94"	2.38"	4.50"
GEN1 24T ALUMINUM PULLEY STR.03.12.000	1.94"	2.38"	2.98"
GEN2 24T ALUMINUM PULLEY STR.03.12.000	1.94"	2.38"	2.98"
GEN3 24T ALUMINUM PULLEY STR.20.06.100	2.10"	2.21	3.10"
ALL COMPOSITE PULLEYS 24T 36T 40T	2.10"	NOT POSSIBLE	24 TOOTH = 3.14 36 TOOTH = 4.45 40 TOOTH = 5.00"

2		
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REV.	REVISION DESCRIPTION	DATE

STAR MACHINE
7810 OAK AVENUE
PARKVILLE, MD. 21234

DESCRIPTION: LAYOUT DIMENSIONS, GEN2 STANDARD PUMP WITH SIDE MOUNTING BRACKET STR.99.06.11

HEAT TREATING: _____ MATERIAL: _____

HARDNESS: _____ DEPTH: _____ DESIGNED BY: T HIGDON

SURFACE PREPARATION: _____ SCALE: _____ SHEET: 1 OF 1 SIZE: B

FINISH: _____ DRAWING NO. STR.09.04.000

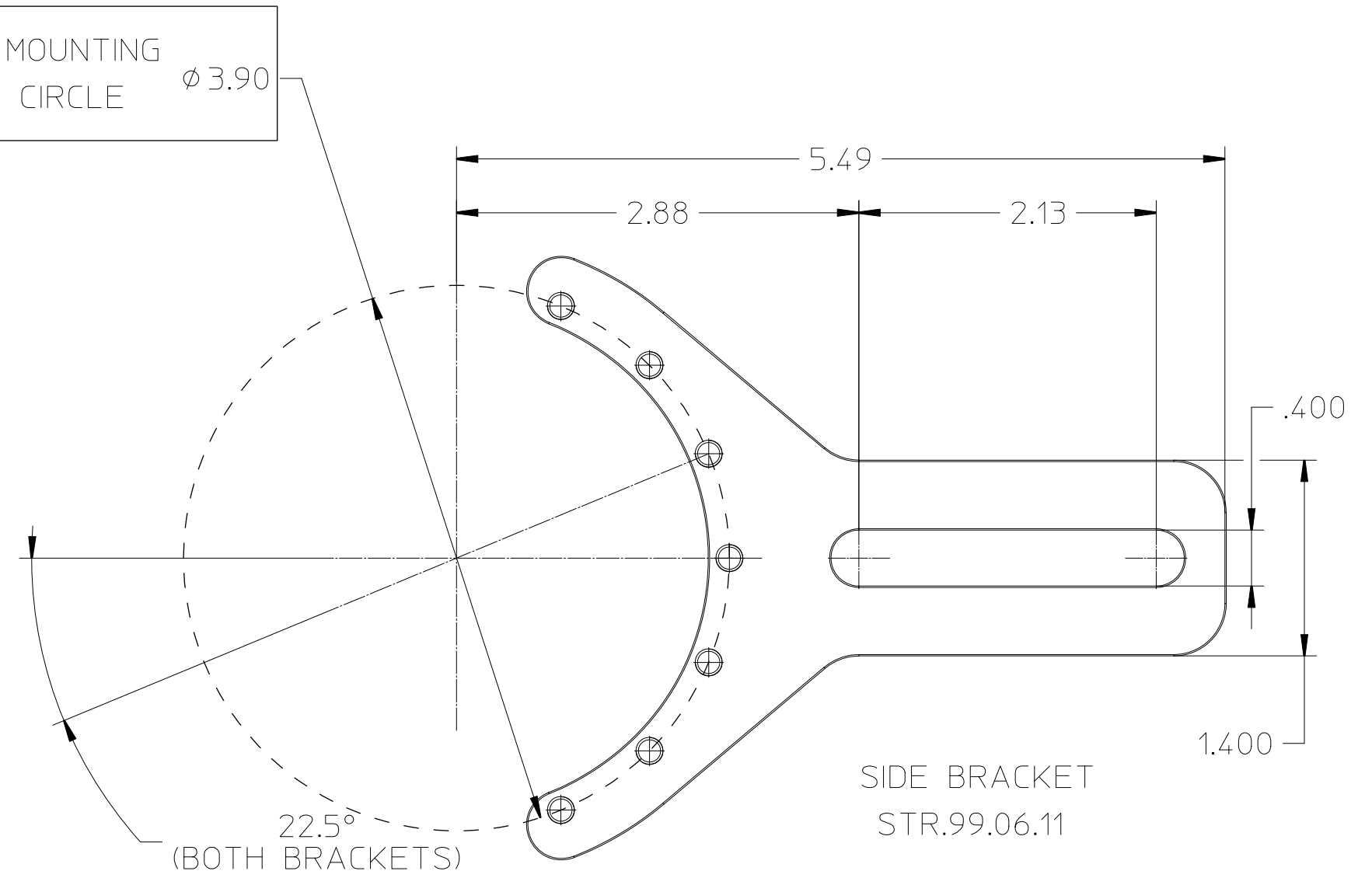
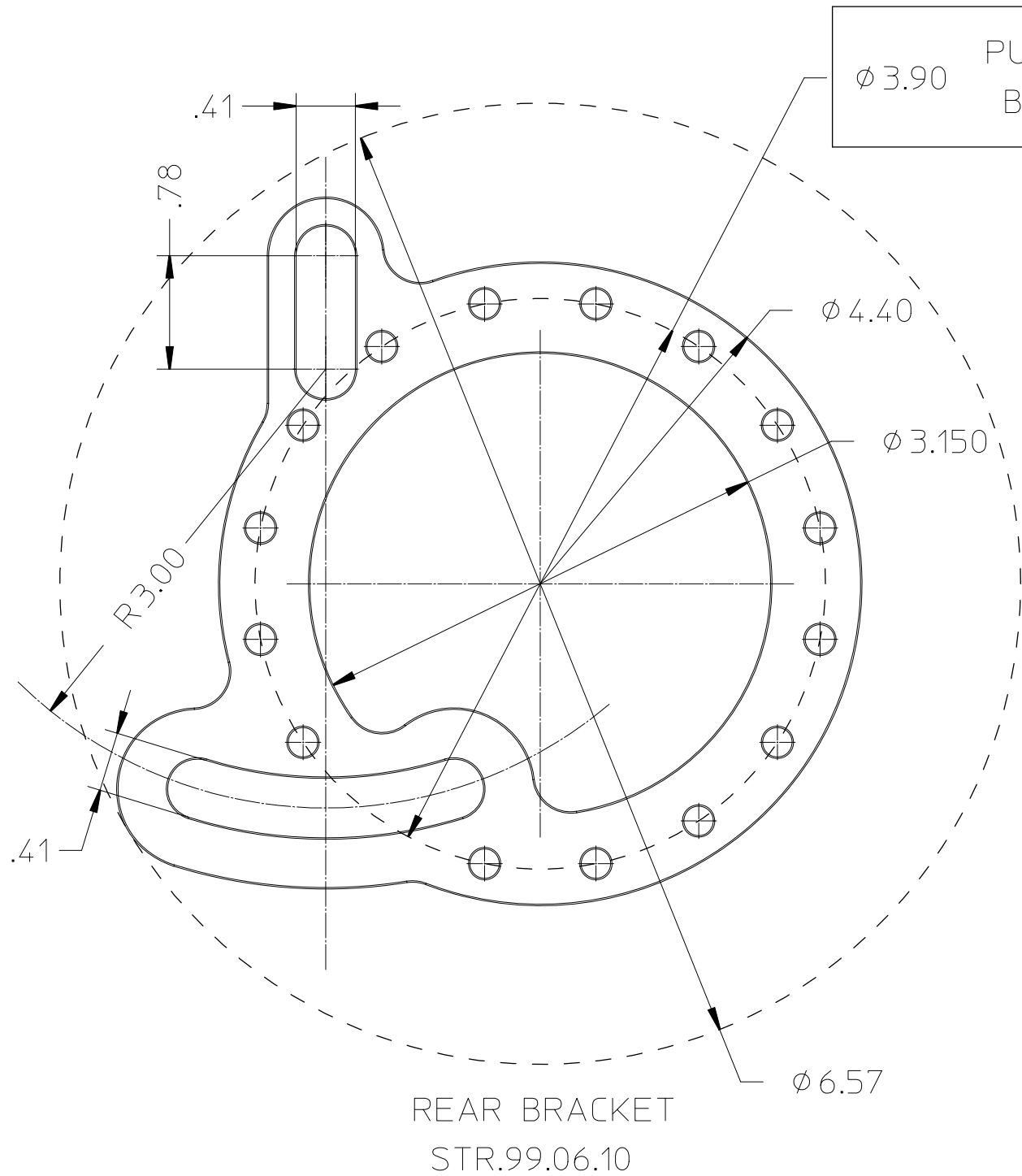
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↓ TOLERANCES UNLESS SPECIFIED

LINEAR (INCHES)	ANGULAR
0.05--10 ± 0.005	0-90 ± 0.25°
11--20 ± 0.010	91-180 ± 0.50°
21--30 ± 0.015	181-270 ± 0.75°
31--40 ± 0.020	271-360 ± 1.00°
44--50 ± 0.030	
51--100 ± 0.050	

↑ BREAK ALL EDGES UNLESS SPECIFIED

GEOMETRIC (INCHES)	ANGULAR
□ 0.05-10 ± 0.005	□ 0.05-20 0.005
□ 11--20 ± 0.010	□ 21--40 0.010
□ 21--30 ± 0.015	□ 41--50 0.015
□ 31--40 ± 0.020	□ 51--100 0.020
□ 44--50 ± 0.030	
□ 51--100 ± 0.050	



Ø 3.90 PUMP MOUNTING
BOLT CIRCLE Ø 3.90

2		
1		
0		
REV.	REVISION DESCRIPTION	DATE

STAR MACHINE
7810 OAK AVENUE
PARKVILLE, MD. 21234

DESCRIPTION MOUNTING BRACKETS

LINEAR (INCHES)	ANGULAR
0.05--10 ± 0.005	0-90 ± 0.25°
11--20 ± 0.010	91-180 ± 0.50°
21--30 ± 0.015	181-270 ± 0.75°
31--40 ± 0.020	271-360 ± 1.00°
44--50 ± 0.030	
51--100 ± 0.050	

HEAT TREATING

MATERIAL

HARDNESS

DEPTH DESIGNED BY T HIGDON

SURFACE PREPARATION

SCALE SHEET 1 OF 1 SIZE B

FINISH

DRAWING NO. MTG. BRACKETS

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