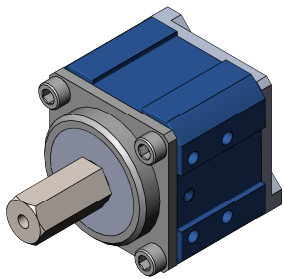
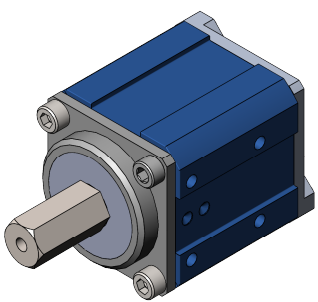


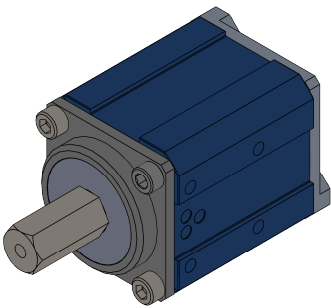
REVISION HISTORY			
REV.	DESCRIPTION	DATE	DRAWN BY
1	ORIGINAL PRINT	10/17/2017	K. NEPOMUCENO
2	ADDED HD STAGES AND MORE RATIO OPTIONS	12/6/2018	N.MASSOUDA



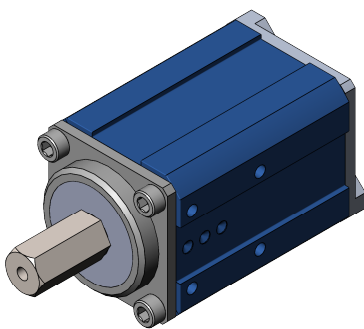
RATIOS
4:1 - (am-4005_004)



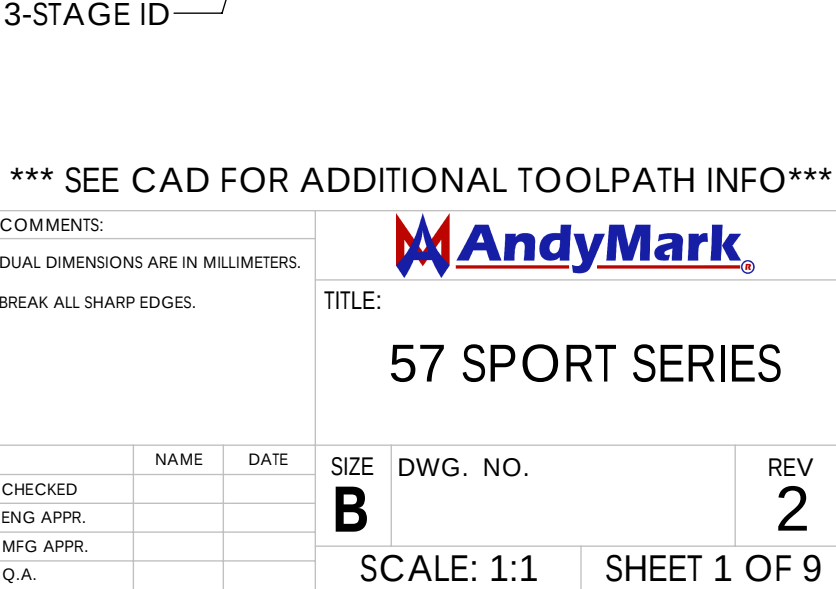
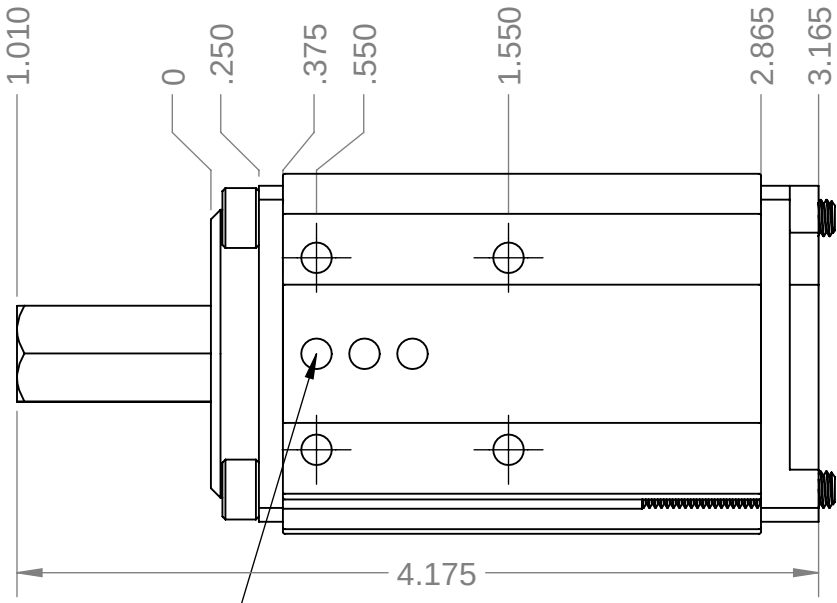
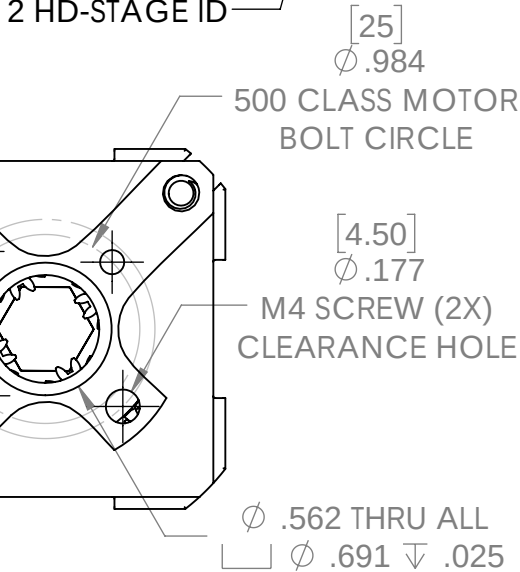
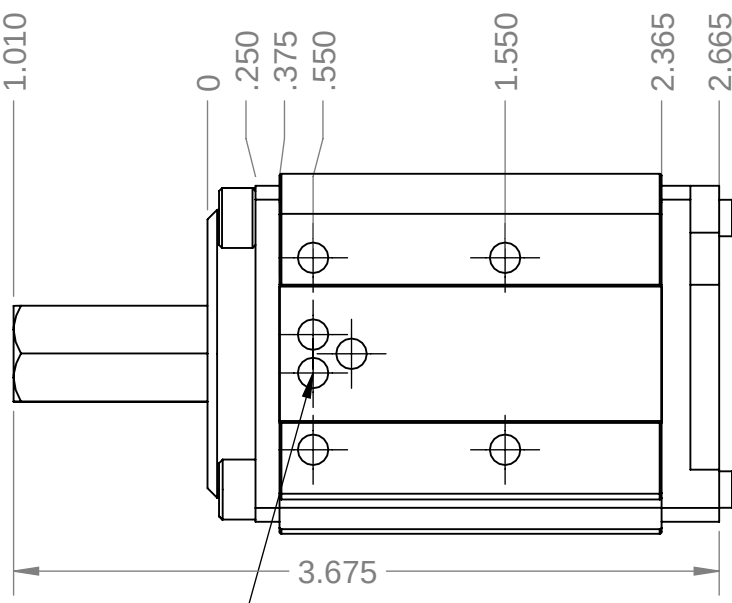
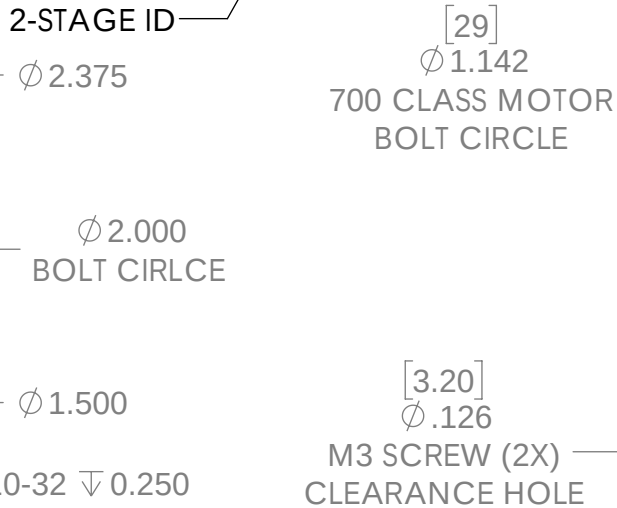
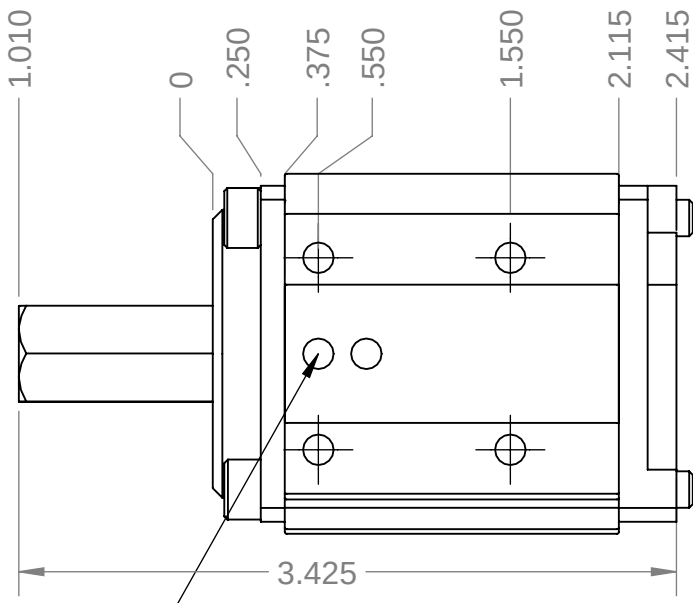
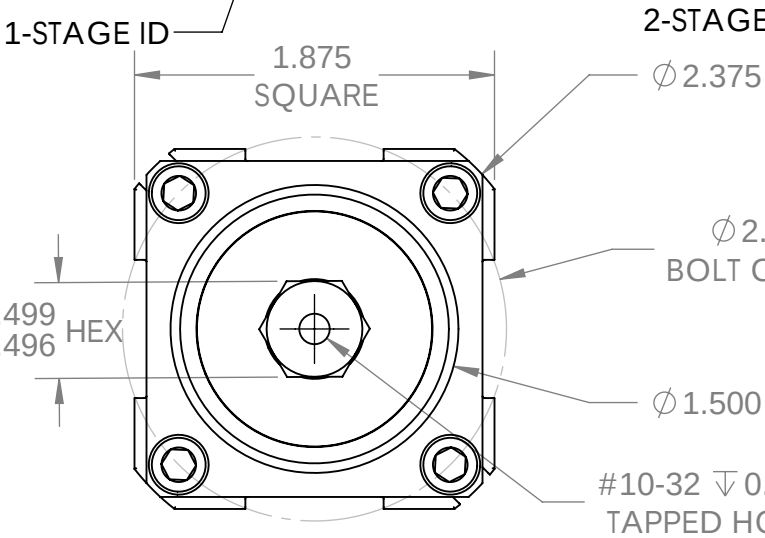
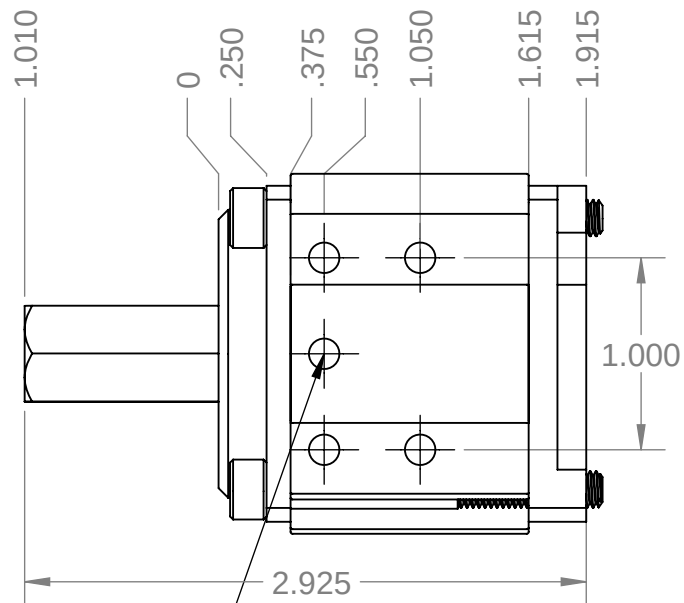
RATIOS
12:1- (am-4005_012)
16:1- (am-4005_016)
20:1- (am-4005_020)



RATIOS
12:1- (am-4006_012)
16:1- (am-4006_016)
20:1- (am-4006_020)



RATIOS
36:1- (am-4006_36)
48:1- (am-4006_048)
64:1- (am-4006_064)
80:1- (am-4006_080)
100:1 - (am-4006_100)



4

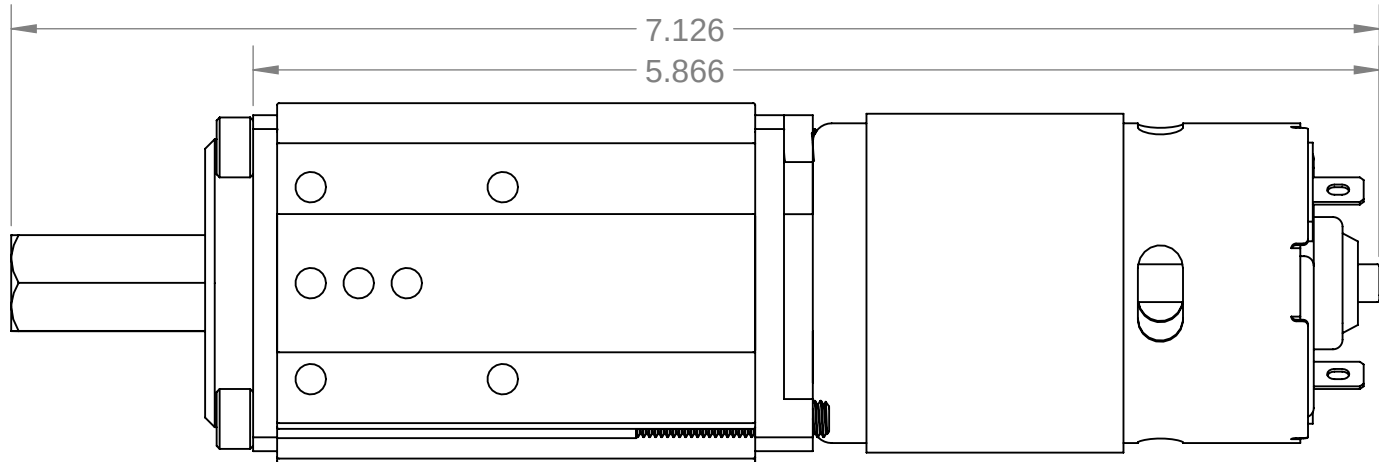
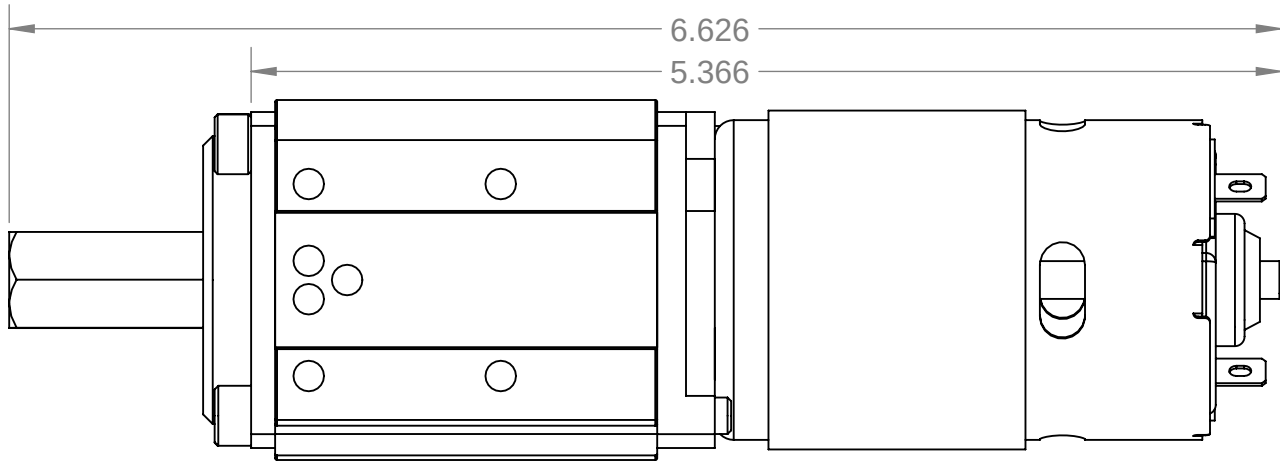
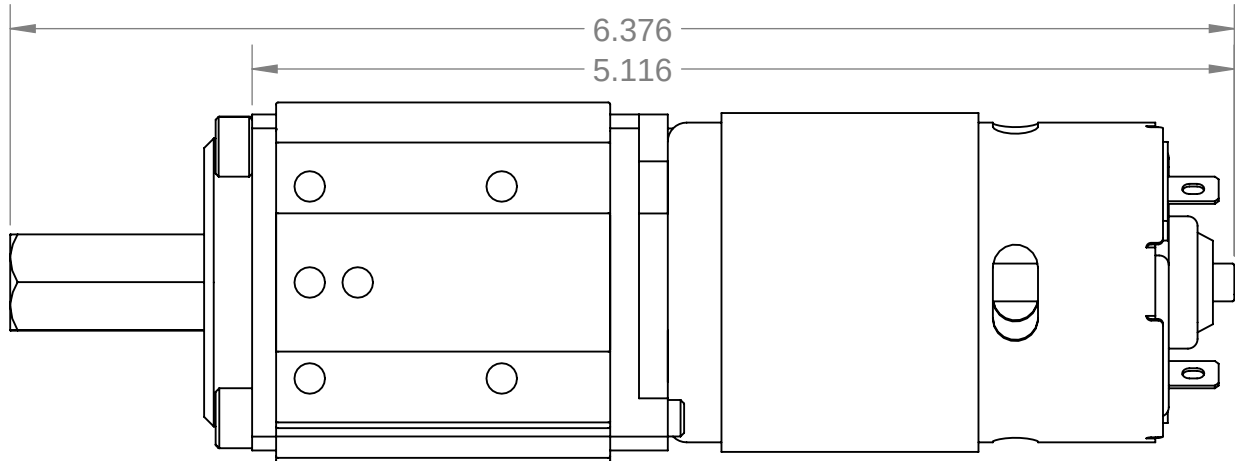
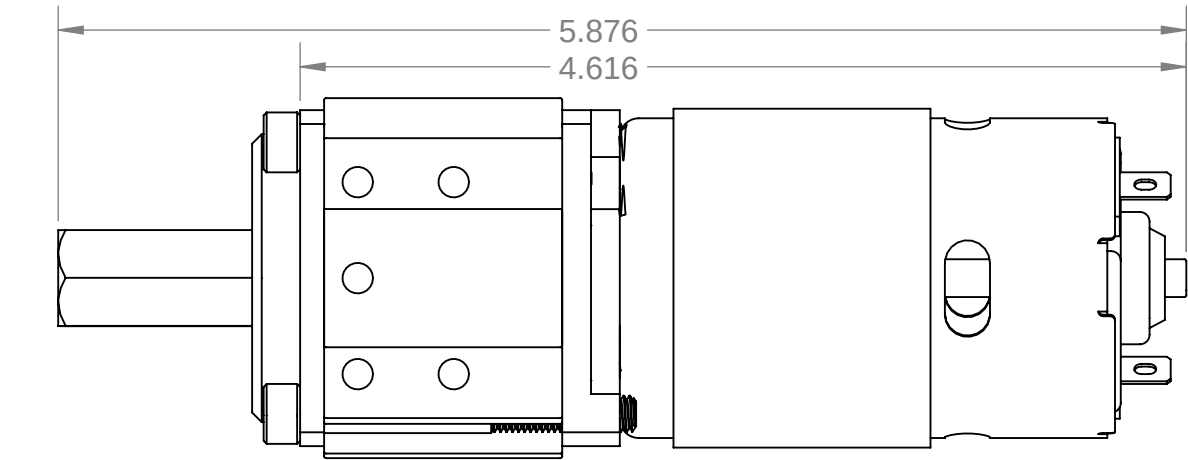
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2

1

REVISION HISTORY			
REV.	DESCRIPTION	DATE	DRAWN BY
1	ORIGINAL PRINT	10/17/2017	K. NEPOMUCENO
2	ADDED HD STAGES AND MORE RATIO OPTIONS	12/6/2018	N. MASSOUDA

B

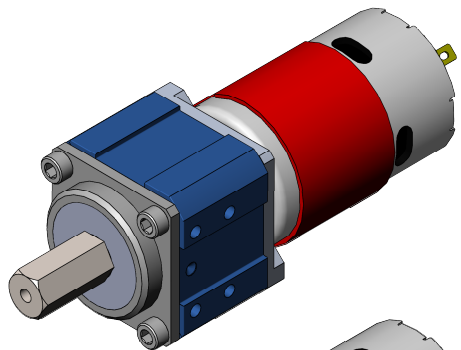


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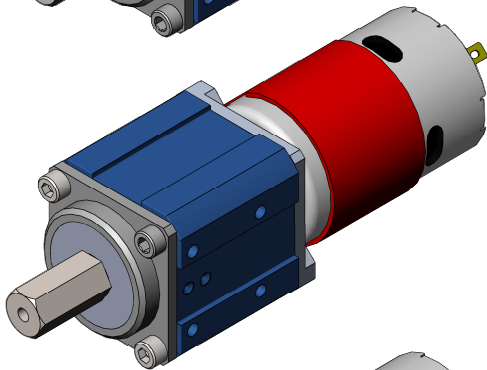
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2

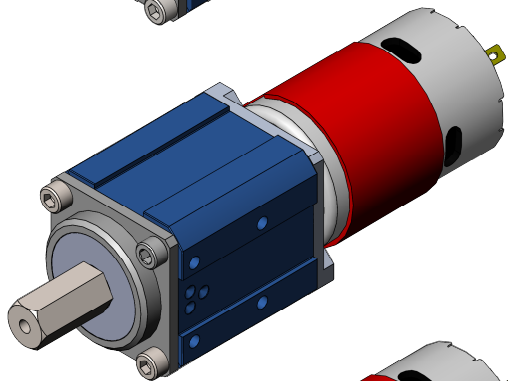
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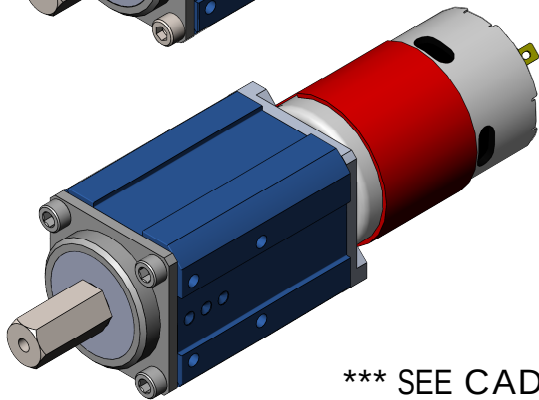
RATIOS
4:1 - (am-4005_004)



RATIOS
12:1 - (am-4005_012)
16:1 - (am-4005_016)
20:1 - (am-4005_020)



RATIOS
12:1 - (am-4006_012)
16:1 - (am-4006_016)
20:1 - (am-4006_020)



RATIOS
36:1- (am-4006_36)
48:1- (am-4006_048)
64:1- (am-4006_064)
80:1 - (am-4006_080)
100:1 - (am-4006_100)

****MOTOR NOT INCLUDED****
***** SEE CAD FOR ADDITIONAL TOOLPATH INFO*****

A

UNLESS OTHERWISE SPECIFIED:		COMMENTS:		 AndyMark®			
DIMENSIONS ARE IN INCHES		DUAL DIMENSIONS ARE IN MILLIMETERS.					
TOLERANCES:		BREAK ALL SHARP EDGES.		TITLE: 57 SPORT SERIES w/RedLine 775 Motor			
FRACTIONAL	±1/16						
ANGULAR: MACH	±1°						
ANGULAR: BEND	±5°						
ONE PLACE DECIMAL	±0.1						
TWO PLACE DECIMAL	±0.01						
THREE PLACE DECIMAL	±0.005						
FOUR PLACE DECIMAL	±0.0005						
MATERIAL			NAME	DATE	SIZE	DWG. NO.	REV
FINISH		CHECKED			B		2
		ENG APPR.					
		MFG APPR.					
DO NOT SCALE DRAWING		Q.A.			SCALE: 1:1		SHEET 2 OF 9

4

3

2

1

REVISION HISTORY			
REV.	DESCRIPTION	DATE	DRAWN BY
1	ORIGINAL PRINT	10/17/2017	K. NEPOMUCENO

57 Sport Motor Block (am-3765)

Thrust Washer

4:1 Output Stage

1-Stage Ring Gear

500 Hex Output Block

#10-32 x 1.750" SHCS (am-1196)

#10-32 x 0.375" SHCS (am-1360)

*** SEE CAD FOR ADDITIONAL TOOLPATH INFO***

UNLESS OTHERWISE SPECIFIED:		COMMENTS:					
DIMENSIONS ARE IN INCHES		DUAL DIMENSIONS ARE IN MILLIMETERS.		TITLE: 1-Stage 57 SPORT Exploded Layout			
TOLERANCES:		BREAK ALL SHARP EDGES.					
FRACTIONAL	±1/16						
ANGULAR: MACH	±1°						
ANGULAR: BEND	±5°						
ONE PLACE DECIMAL	±0.1						
TWO PLACE DECIMAL	±0.01						
THREE PLACE DECIMAL	±0.005						
FOUR PLACE DECIMAL	±0.0005						
MATERIAL			NAME	DATE	SIZE	DWG. NO.	REV
FINISH		CHECKED			B		2
		ENG APPR.					
		MFG APPR.					
DO NOT SCALE DRAWING		Q.A.			SCALE: 1:1		SHEET 3 OF 9

4

3

2

1

4

3

2

1

REVISION HISTORY			
REV.	DESCRIPTION	DATE	DRAWN BY
1	ORIGINAL PRINT	10/17/2017	K. NEPOMUCENO

57 SPORT Motor Block (am-3765)

Thrust Washer

4:1 Input Stage
w/12T or 16T Sun Gear

4:1 or 5:1
Output Stage

2-Stage Ring Gear

500 Hex Output Block

#10-32 x 2.250" SHCS (am-1199)

#10-32 x 0.375" SHCS (am-1360)

*** SEE CAD FOR ADDITIONAL TOOLPATH INFO***

UNLESS OTHERWISE SPECIFIED:		COMMENTS:		 AndyMark®			
DIMENSIONS ARE IN INCHES		DUAL DIMENSIONS ARE IN MILLIMETERS.		TITLE: 2-Stage 57 SPORT Exploded Layout			
TOLERANCES:		BREAK ALL SHARP EDGES.					
FRACTIONAL	±1/16						
ANGULAR: MACH	±1°						
ANGULAR: BEND	±5°						
ONE PLACE DECIMAL	±0.1						
TWO PLACE DECIMAL	±0.01						
THREE PLACE DECIMAL	±0.005						
FOUR PLACE DECIMAL	±0.0005						
MATERIAL			NAME	DATE	SIZE	DWG. NO.	REV
FINISH		CHECKED			B		2
		ENG APPR.					
		MFG APPR.					
DO NOT SCALE DRAWING		Q.A.			SCALE: 1:1		SHEET 4 OF 9

4

3

2

1

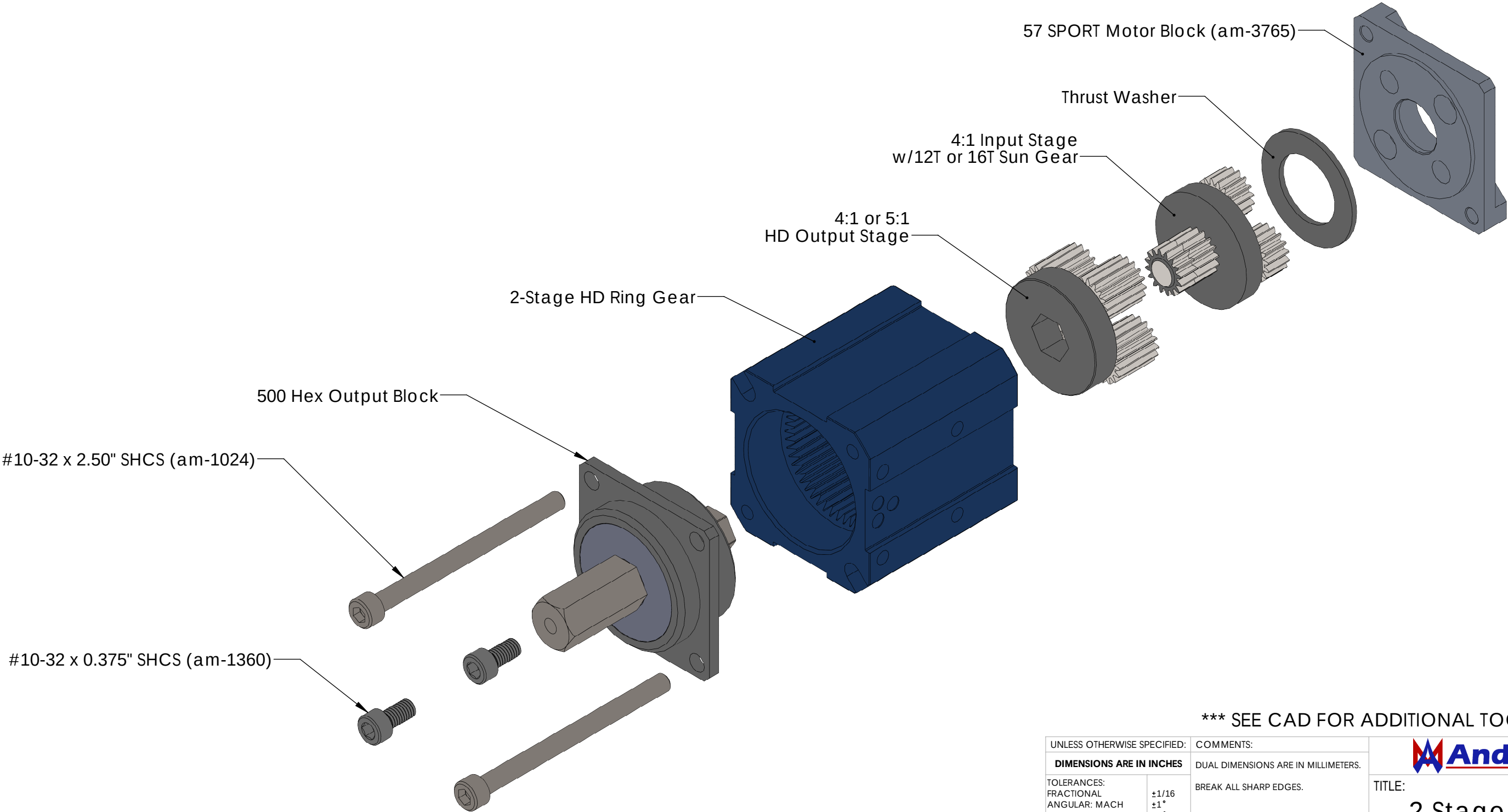
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3

2

1

REVISION HISTORY			
REV.	DESCRIPTION	DATE	DRAWN BY
1	ORIGINAL PRINT	12/6/2018	N.MASSOUDA



*** SEE CAD FOR ADDITIONAL TOOLPATH INFO***

UNLESS OTHERWISE SPECIFIED:		COMMENTS:					
DIMENSIONS ARE IN INCHES		DUAL DIMENSIONS ARE IN MILLIMETERS.					
TOLERANCES:		BREAK ALL SHARP EDGES.		TITLE: 2-Stage 57 SPORT Exploded Layout			
FRACTIONAL							
ANGULAR: MACH							
ANGULAR: BEND							
ONE PLACE DECIMAL							
TWO PLACE DECIMAL							
THREE PLACE DECIMAL							
FOUR PLACE DECIMAL							
MATERIAL			NAME	DATE	SIZE	DWG. NO.	REV
FINISH		CHECKED			B		1
		ENG APPR.					
		MFG APPR.					
DO NOT SCALE DRAWING		Q.A.			SCALE: 1:1		SHEET 5 OF 9

4

3

2

1

4

3

2

1

REVISION HISTORY			
REV.	DESCRIPTION	DATE	DRAWN BY
1	ORIGINAL PRINT	10/17/2017	K. NEPOMUCENO

57 SPORT Motor Block (am-3765)

Thrust Washer

4:1 Input Stage
w/ 12T or 16T Sun Gear

4:1 or 5:1 Stage
w/12T or 16T HD Sun Gear

4:1 or 5:1
HD Output Stage

3-Stage Ring Gear

500 Hex Output Block

#10-32 x 3.000" SHCS (am-1201)

#10-32 x 0.375" SHCS (am-1360)

*** SEE CAD FOR ADDITIONAL TOOLPATH INFO***

UNLESS OTHERWISE SPECIFIED:		COMMENTS:						
DIMENSIONS ARE IN INCHES		DUAL DIMENSIONS ARE IN MILLIMETERS.						
TOLERANCES:		BREAK ALL SHARP EDGES.		TITLE:				
FRACTIONAL				3-Stage 57 SPORT				
ANGULAR: MACH				Exploded Layout				
ANGULAR: BEND				SIZE	DWG. NO.	REV		
ONE PLACE DECIMAL								
TWO PLACE DECIMAL				SCALE: 1:1	SHEET 6 OF 9	2		
THREE PLACE DECIMAL								
FOUR PLACE DECIMAL								
MATERIAL								
FINISH		CHECKED	NAME	DATE				
		ENG APPR.						
		MFG APPR.						
DO NOT SCALE DRAWING		Q.A.						

4

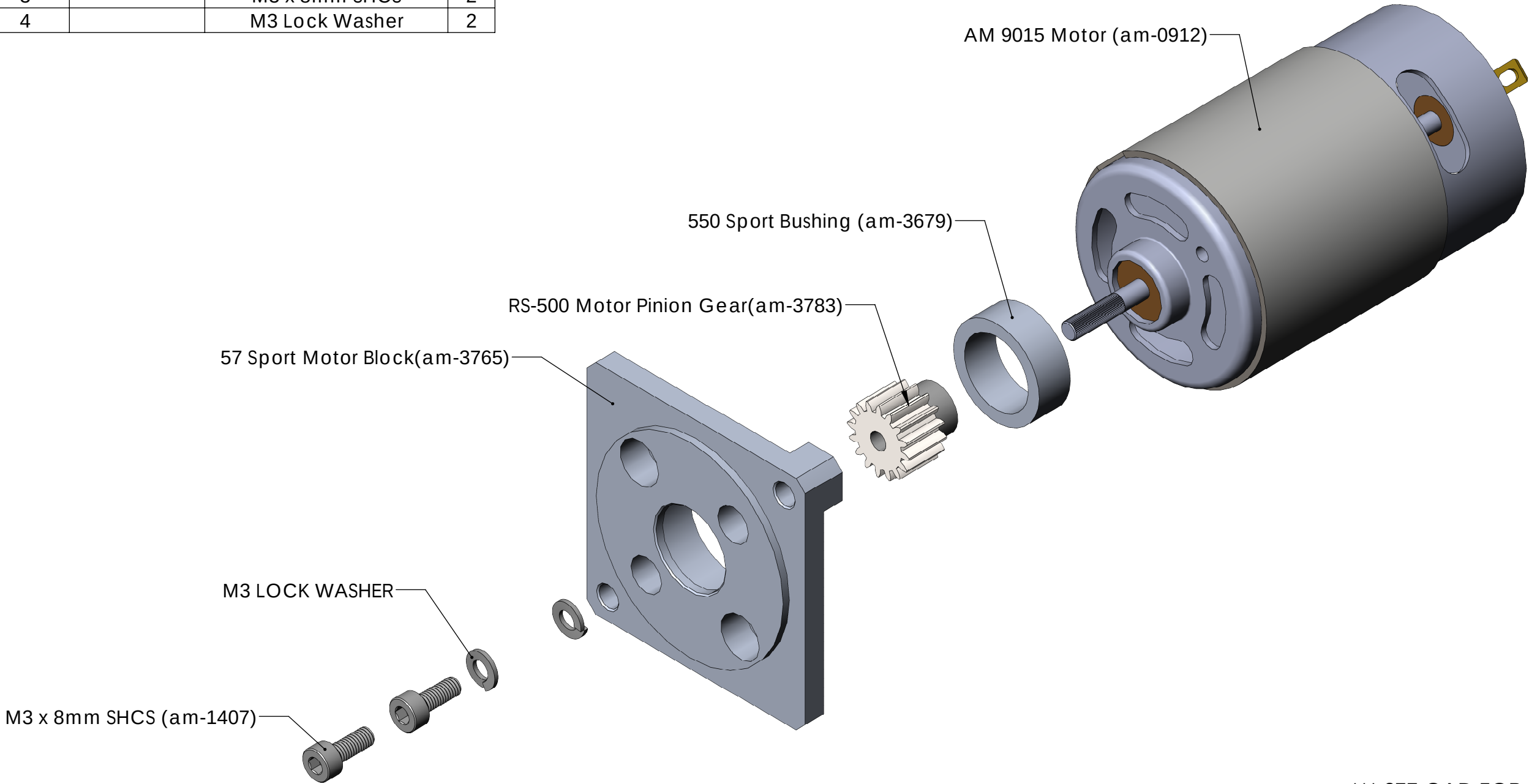
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2

1

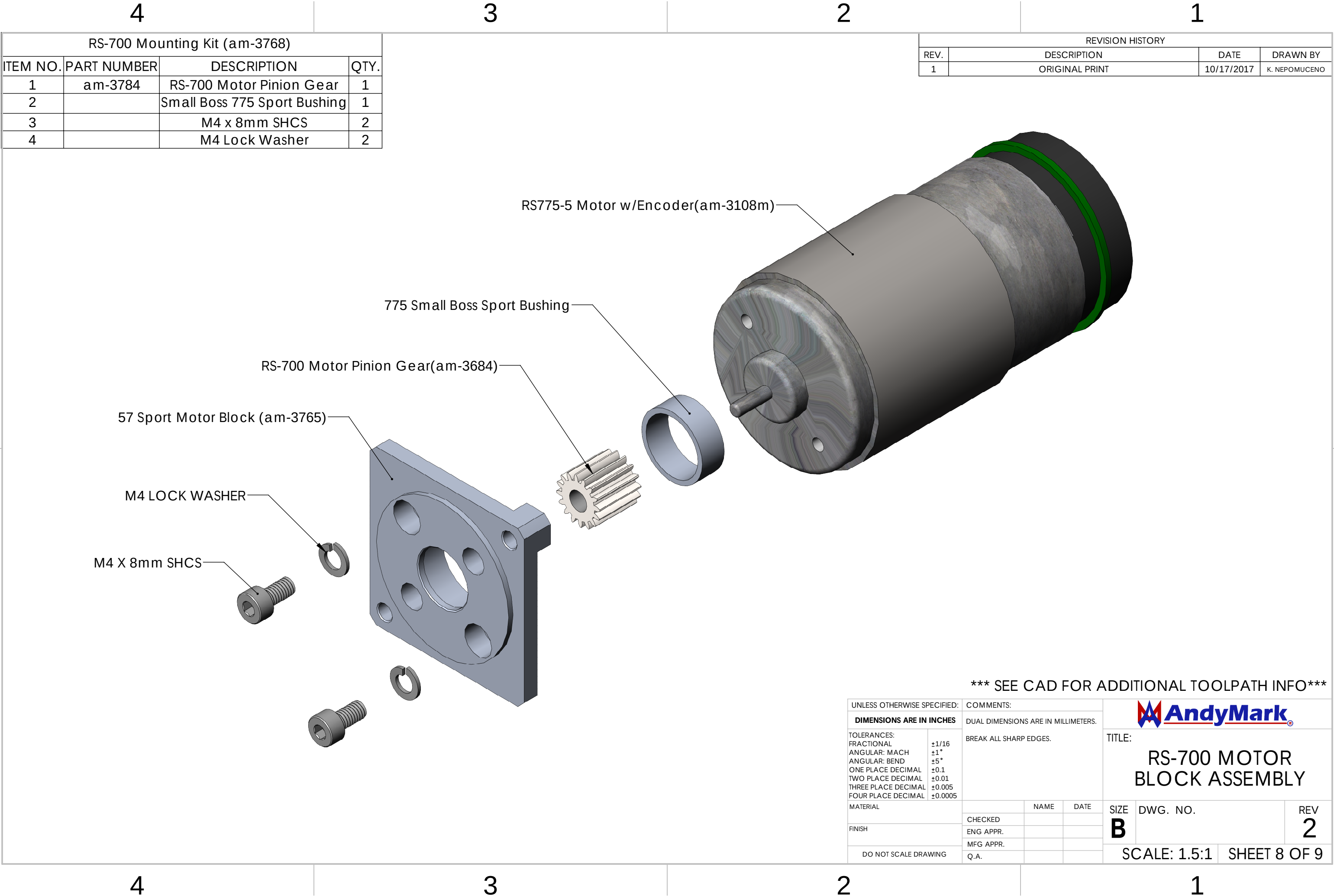
RS-500 Mounting Kit (am-3767)			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	am-3783	RS-500 Motor Pinion Gear	1
2		550 Sport Bushing	1
3		M3 x 8mm SHCS	2
4		M3 Lock Washer	2

REVISION HISTORY			
REV.	DESCRIPTION	DATE	DRAWN BY
1	ORIGINAL PRINT	10/17/2017	K. NEPOMUCENO



*** SEE CAD FOR ADDITIONAL TOOLPATH INFO***

UNLESS OTHERWISE SPECIFIED:		COMMENTS:				
DIMENSIONS ARE IN INCHES		DUAL DIMENSIONS ARE IN MILLIMETERS.		TITLE: RS-500 MOTOR BLOCK ASSEMBLY		
TOLERANCES:		BREAK ALL SHARP EDGES.				
FRACTIONAL	±1/16			SIZE B	DWG. NO.	REV 2
ANGULAR: MACH	±1°					
ANGULAR: BEND	±5°					
ONE PLACE DECIMAL	±0.1					
TWO PLACE DECIMAL	±0.01					
THREE PLACE DECIMAL	±0.005					
FOUR PLACE DECIMAL	±0.0005					
MATERIAL			NAME	DATE		
FINISH		CHECKED				
		ENG APPR.				
		MFG APPR.				
DO NOT SCALE DRAWING		Q.A.			SCALE: 1.5:1	SHEET 7 OF 9



4

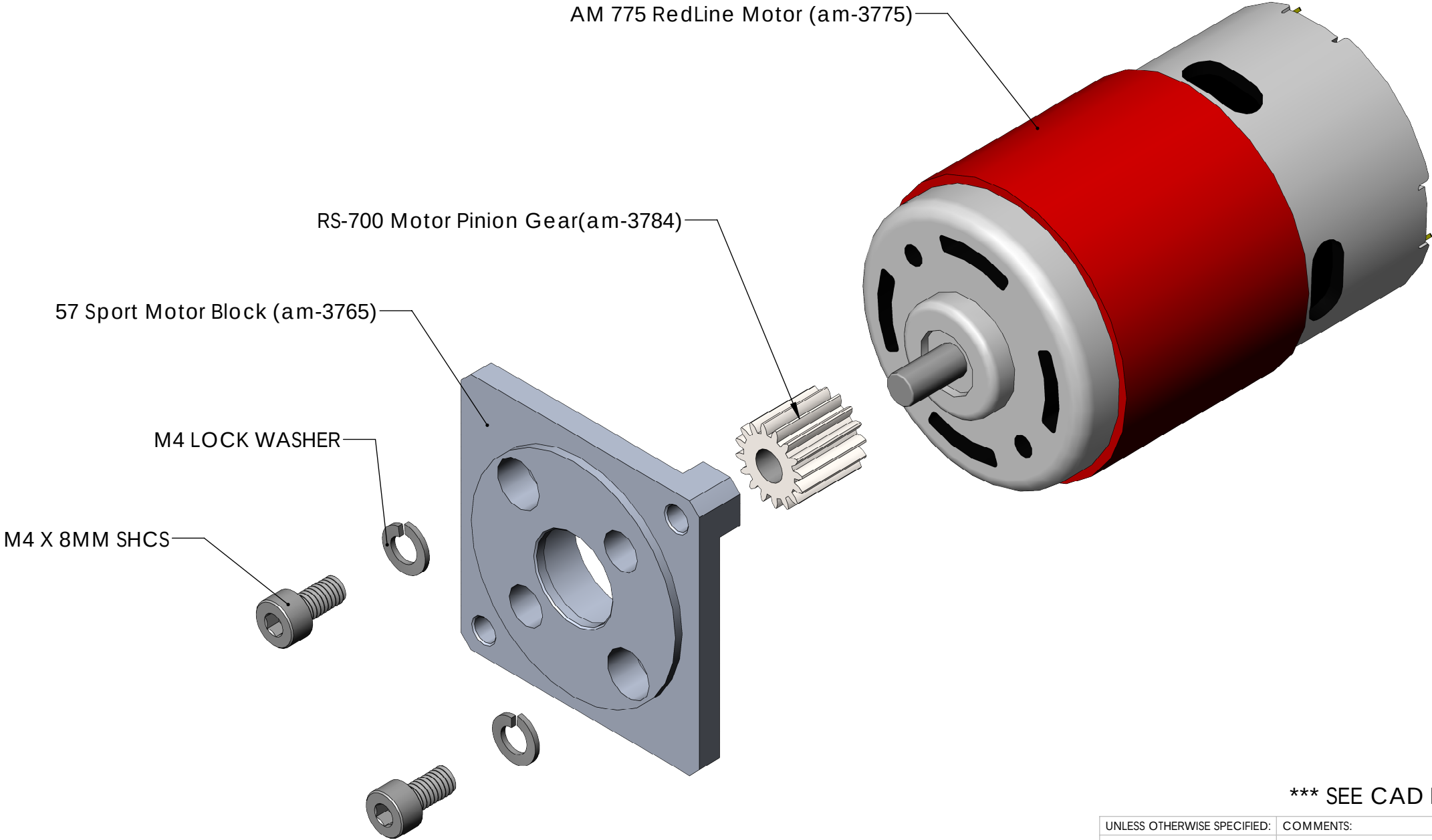
3

2

1

RS-700 Mounting Kit (am-3768)			
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	am-3784	RS-700 Motor Pinion Gear	1
2		M4 x 8mm SHCS	2
3		M4 Lock Washer	2

REVISION HISTORY			
REV.	DESCRIPTION	DATE	DRAWN BY
1	ORIGINAL PRINT	10/17/2017	K. NEPOMUCENO



*** SEE CAD FOR ADDITIONAL TOOLPATH INFO***

UNLESS OTHERWISE SPECIFIED:		COMMENTS:		 AndyMark®			
DIMENSIONS ARE IN INCHES		DUAL DIMENSIONS ARE IN MILLIMETERS.		TITLE: RedLine MOTOR BLOCK ASSEMBLY			
TOLERANCES:		BREAK ALL SHARP EDGES.					
FRACTIONAL	±1/16						
ANGULAR: MACH	±1°						
ANGULAR: BEND	±5°						
ONE PLACE DECIMAL	±0.1						
TWO PLACE DECIMAL	±0.01						
THREE PLACE DECIMAL	±0.005						
FOUR PLACE DECIMAL	±0.0005						
MATERIAL			NAME	DATE	SIZE	DWG. NO.	REV
		CHECKED			B		2
FINISH		ENG APPR.					
		MFG APPR.					
DO NOT SCALE DRAWING		Q.A.			SCALE: 1.5:1		SHEET 9 OF 9

4

3

2

1