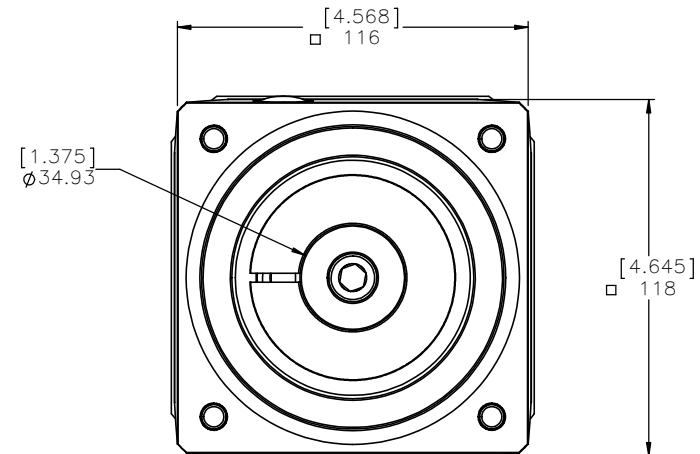
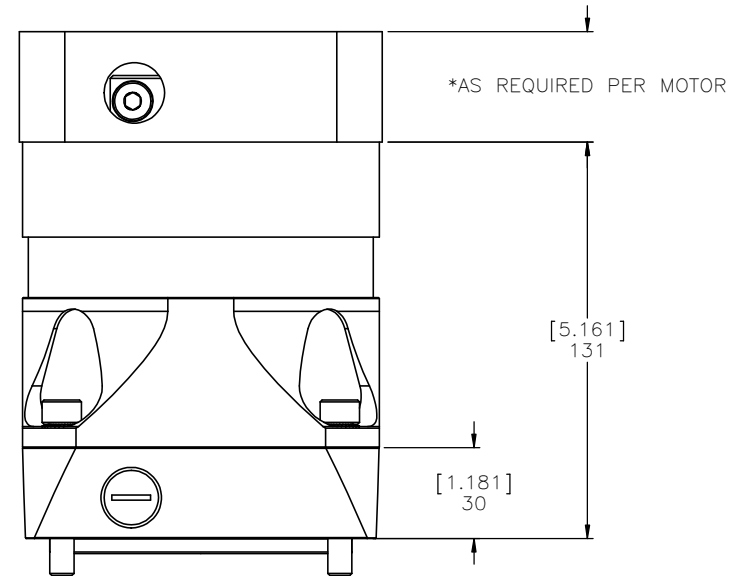
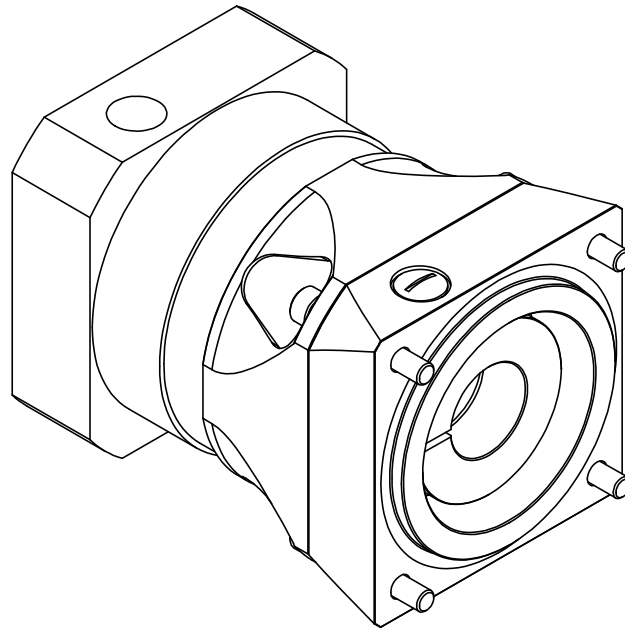


REVISION HISTORY			
REV.	DESCRIPTION	DATE	REVISED BY:


MPG-118-XXX SINGLE STAGE HOLLOW OUTPUT PLANETARY GEARBOX 1.375" BORE (XXX = GEARBOX RATIO)



NOTES:

- 1.) MOTOR **MANUFACTURER AND MODEL NUMBER** REQUIRED TO PROPERLY SIZE THE MOTOR ADAPTOR PLATE. MAXIMUM MOTOR INPUT SHAFT DIAMETER IS 24mm.
- 2.) ADAPTOR PLATE SIZE WILL VARY BASED ON MOTOR SPECIFIED. OVERALL DIMENSIONS AND PLATE THICKNESS WILL BE DIFFERENT FROM VISUAL REPRESENTATION ABOVE
- 3.) MOTOR FLANGE BOLT CIRCLE PATTERN AND HOLE DIAMETER ALONG WITH MOTOR SHAFT DIAMETER AND LENGTH WILL DETERMINE THE FINAL SIZE OF THE ADAPTOR PLATE
- 4.) MACRON DYNAMICS, INC. MAKES EVERY EFFORT TO MATCH MOTOR DIMENSIONS TO MOTOR MANUFACTURER'S SPECIFICATIONS. THESE MANUFACTURER'S SPECIFICATIONS CAN CHANGE FROM TIME TO TIME WITHOUT NOTICE. MACRON IS NOT RESPONSIBLE FOR ADAPTOR THAT DO NOT MATE WITH THE MOTORS IF REFERENCE DIMENSIONS HAVE CHANGED OR IF THE USER CHANGES MOTOR MODELS AFTER PURCHASE

GEARBOX RATIO	3:1	10:1	5:1	7:1
MPG PART NUMBER SUFFIX	003	010	005	007
NOMINAL OUTPUT TORQUE – Nm (lb-in)	100 (885)	100 (885)	120 (1062)	120 (1062)
MAXIMUM ACCELERATION TORQUE – Nm (lb-in)	150 (1328)	150 (1328)	180 (1593)	180 (1593)
NOMINAL INPUT SPEED – RPM	2500	2500	2500	2500
MAXIMUM INPUT SPEED – RPM	5000	5000	5000	5000
STANDARD OUTPUT BACKLASH – arcmin	<8	<8	<8	<8
WEIGHT – kg (lb)	5.8 (12.8)	5.8 (12.8)	5.8 (12.8)	5.8 (12.8)
MASS MOMENT OF INERTIA – kg/cm2 (lb-in2)	6.54 (2.235)	3.1 (1.059)	4.05 (1.384)	3.4 (1.162)
EFFICIENCY AT LOAD	92%	92%	92%	92%
NO LOAD TORQUE – Nm (lb-in)	1.0 (8.85)	1.0 (8.85)	1.0 (8.85)	1.0 (8.85)

<div></div> <div>MACRON DYNAMICS INC</div>	DRAWN BY: TH	DATE: 9/18/2018	MATERIAL:	TITLE: MACRON GEARBOX TO 80/50 PULLEY		
	CHECKED BY: --	DATE: DD/MM/YYYY				
	LAST SAVED BY: TH	DATE: 9/24/2018	FINISH:	SCALE 1:1		SHEET SIZE C
	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS. TOLERANCES UNLESS NOTED OTHERWISE:		.XX ± .254 .XXX ± .127 ANG ± 0°30'			
THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS. ANY REPRODUCTIONS SHALL BE FOR QUOTATION, MANUFACTURING, OR PURCHASING PURPOSES ONLY. RELEASE OF DRAWINGS TO OTHER CONCERNS DOES NOT CONSTITUTE LICENSING IN ANY WAY. INFORMATION CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL.	SURFACE FINISH		BREAK ALL SHARP EDGES DIMENSIONAL LIMITS APPLY AFTER FINISHING		REV 00	
	THIRD ANGLE PROJECTION					
	SHEET		PART NUMBER			
	1 OF 1		MPG-118-XXX			