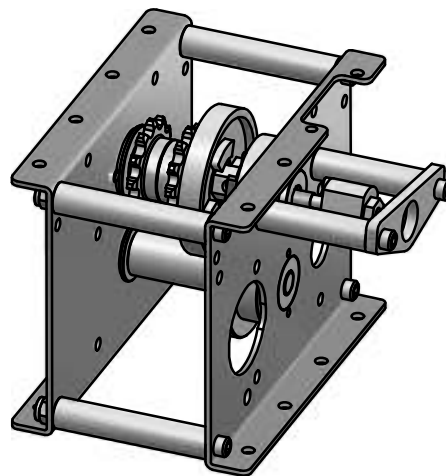
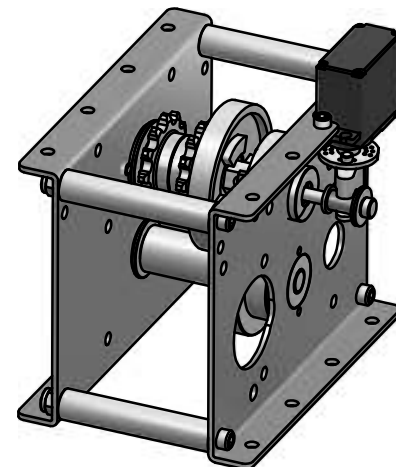


AM Shifter Gen. 2 with two CIM Motors and 04-0.5-DP Bimba cylinder installed. Total weight: 9.0 pounds



AM Shifter Gen. 2 with pneumatic setup. Total weight: 3.5 pounds



AM Shifter Gen. 2 with servo shifting setup. Total weight: 3.5 pounds

NOTE:
The AM Shifter Gen. 2 is the same version as the AM Shifter (Gen. 1) gearbox, except there are different side plates on the Gen. 2. These side plates were used for a larger motor provided to FRC teams in 2005-2007.

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED

STANDARD GEARING:
All gears are 4140 steel, 20 dp, 14.5 p.a.
Ratio between High and Low gears: 256:1
Low Gear: 10.67:1
High Gear: 4.17:1

OPTIONAL "OUTPUT" GEARING
(available as optional parts)
Ratio between High and Low gears: 4:1
Low Gear: 10.67:1
High Gear: 2.67:1

See <http://www.andymark.biz/am-0076.html>
for more information.

DRAWN	Andy Baker	12/30/09	ANDYMARK.BIZ STANDARD SOLUTIONS FOR COMPETITION ROBOTS AM SHIFTER GEN. 2		
MATERIAL					
QUANTITY					
HEAT TREAT					
FINISH					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ANGLES ±0.5° 2 PL ±0.01" 3 PL ±0.005"			SIZE A3	DWG NO AMSHIFTER2-ASM.DFT	REV 3
			FILE NAME: amshifter2-asm.dft		
			SCALE:	WEIGHT:	SHEET 1 OF 1