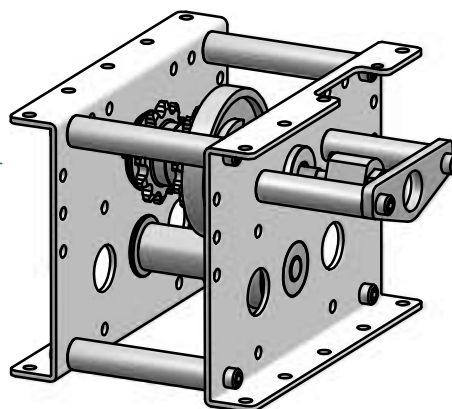
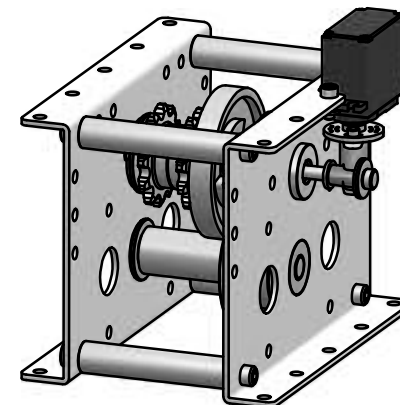


AM Shifter with two CIM Motors and 04-0.5-DP Bimba cylinder installed. Total weight: 9.0 pounds



AM Shifter with pneumatic setup.
Total weight: 3.5 pounds



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

STANDARD GEARING:

All gears are 4140 steel, 20 dp, 14.5 p.a.

Ratio between High and Low gears: 2.56:1

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-0001.html>
for more information.

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED

NOTE:

The AM Shifter Gen. 2 is the same version as this 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.

DRAWN	Andy Baker	01/04/10	ANDYMARK.BIZ STANDARD SOLUTIONS FOR COMPETITION ROBOTS AM SHIFTER	
MATERIAL				
QUANTITY				
HEAT TREAT				
FINISH			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ANGLES $\pm 0.5^\circ$ 2 PL ± 0.01 3 PL ± 0.005	
SIZE	A3	DWG NO	AMSHIFTER-ASM.DFT	REV
FILE NAME	amshifter-asm.dft			
SCALE		WEIGHT		SHEET 1 OF 1