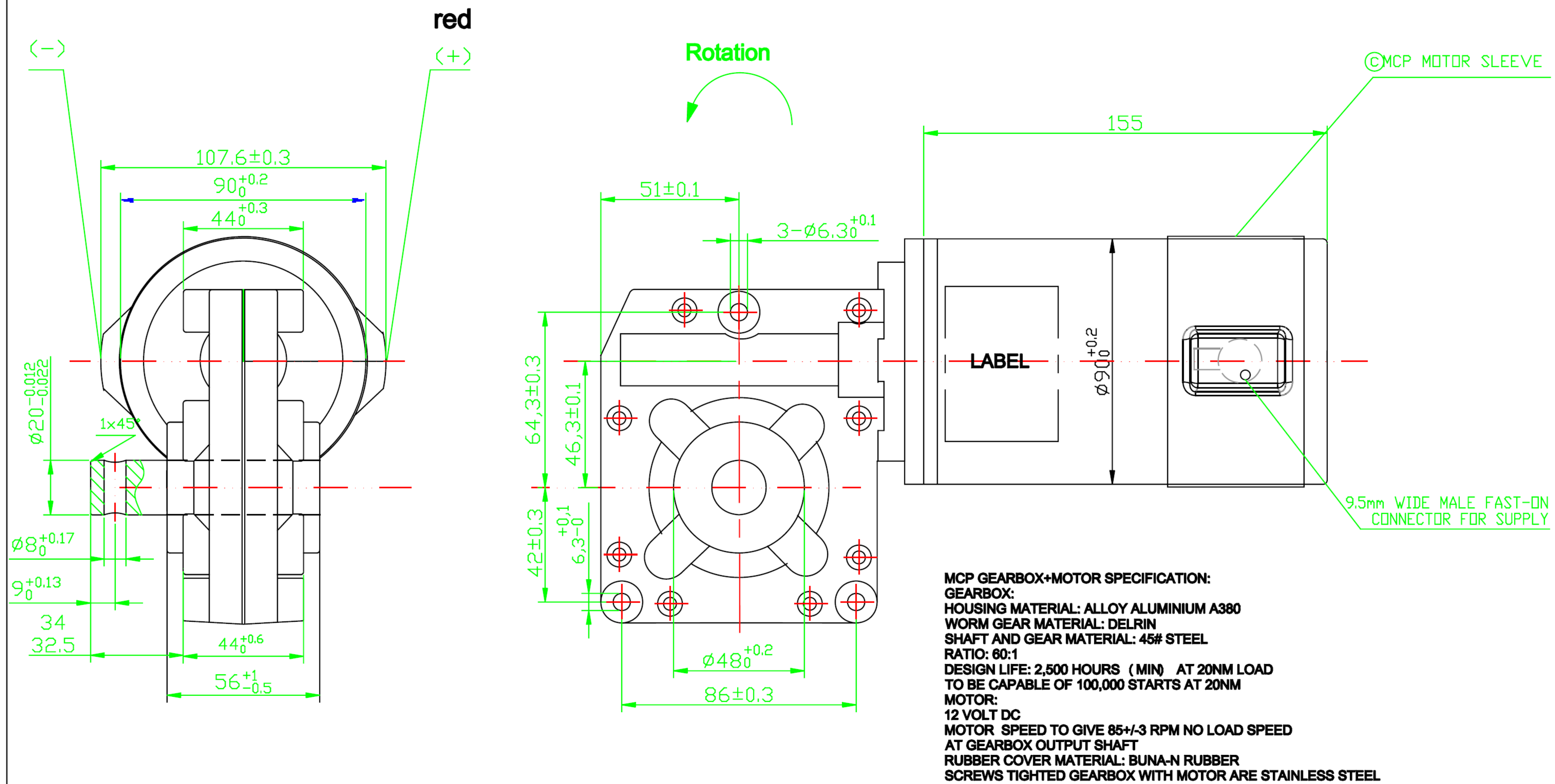
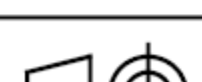


Rev	Area	Revision note	Date	Signature	Checked
A		Delrin gear was BZ 60:1	14.3.12		Y.HC
B		Added stainless steel screws (motor to gearbox)	16.3.12		Y.HC



MCP GEARBOX+MOTOR SPECIFICATION:
GEARBOX:
HOUSING MATERIAL: ALLOY ALUMINIUM A380
WORM GEAR MATERIAL: DELRIN
SHAFT AND GEAR MATERIAL: 45# STEEL
RATIO: 60:1
DESIGN LIFE: 2,500 HOURS (MIN) AT 20NM LOAD
TO BE CAPABLE OF 100,000 STARTS AT 20NM
MOTOR:
12 VOLT DC
MOTOR SPEED TO GIVE 85+/-3 RPM NO LOAD SPEED
AT GEARBOX OUTPUT SHAFT
RUBBER COVER MATERIAL: BUNA-N RUBBER
SCREWS TIGHTED GEARBOX WITH MOTOR ARE STAINLESS STEEL

		SPEED: (UNLOADED)	85RPM	DWG No		
		SPEED: (LOADED)	65 RPM	DWG BY	3X	
		VOLTAGE:	12 V DC	PASSED BY	YE HAICHENG	
PEAK TORQUE:	30Nm	CURRENT: (NOMINAL)	23A	DATE	2012-09-13	
TORQUE:	15Nm	CURRENT: (PEAK)	40 A	Proprietary and confidential: this drawing and the information contained herein is the property of Motion Control Products Ltd. It must not be disclosed to any third party without prior written consent. Copyright Motion Control Products Ltd. 2011.		
Rev.	B	MOTOR SPEED:	5100			
CHANGED BY	DONG NAISHUN	GEAR RATIO:	60:1			
DATE	13/3/2012	NOMINAL POWER:	180 W			

Design	Check	Approve	Filename	Date			Scale
			ZYT90-155-12-MCP4-60:1-LH (GH1466)				
							1:1
Motion Control Products Ltd. Tel.: 01202 599922			Title: I	DWG NO: GH1466			
Project			CUSTOMER'S DWG	Size	Edit	Sheet	Wt
			A3	A1	1/1		