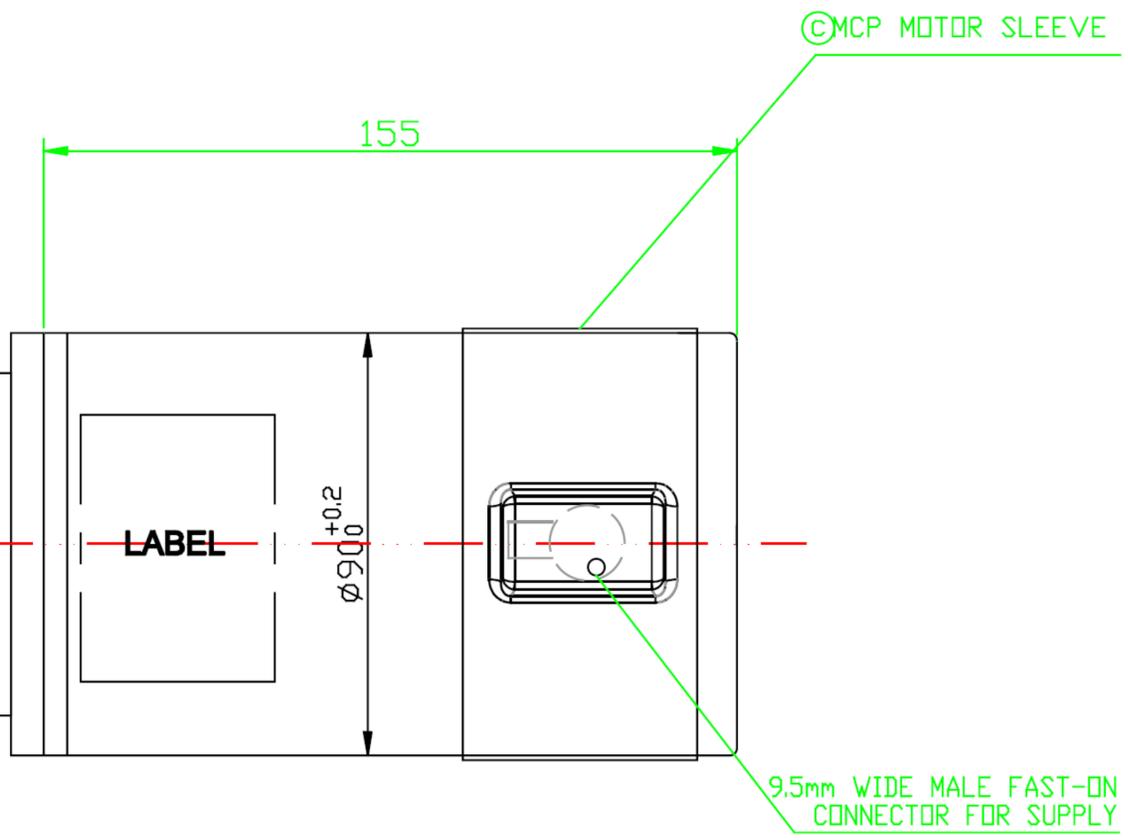
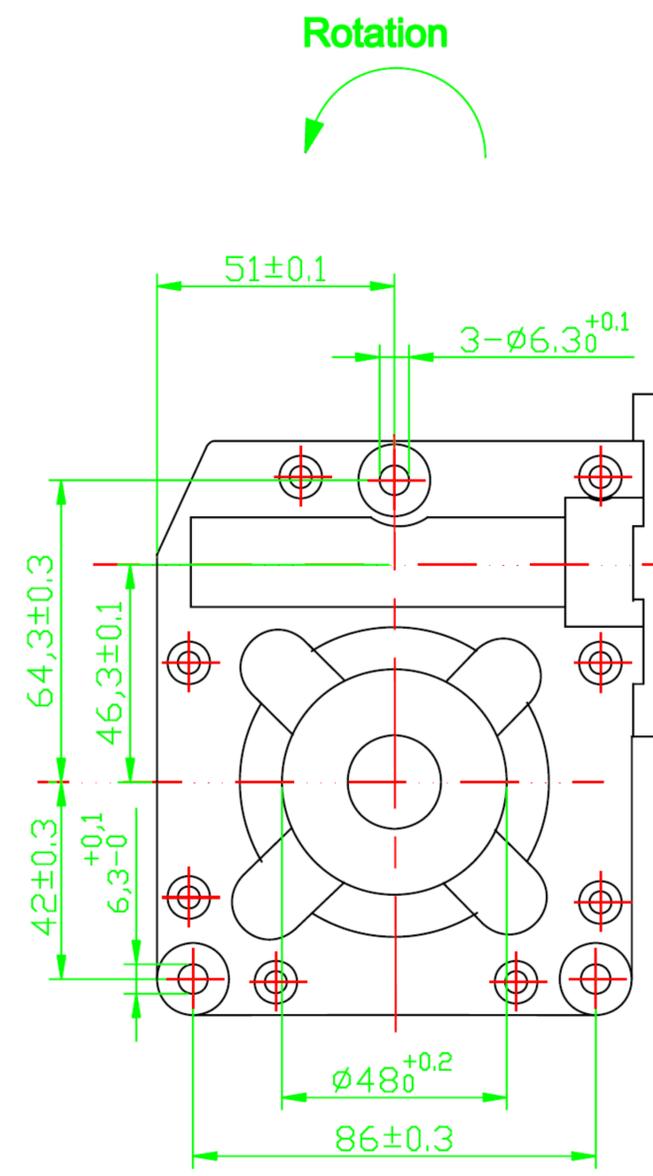
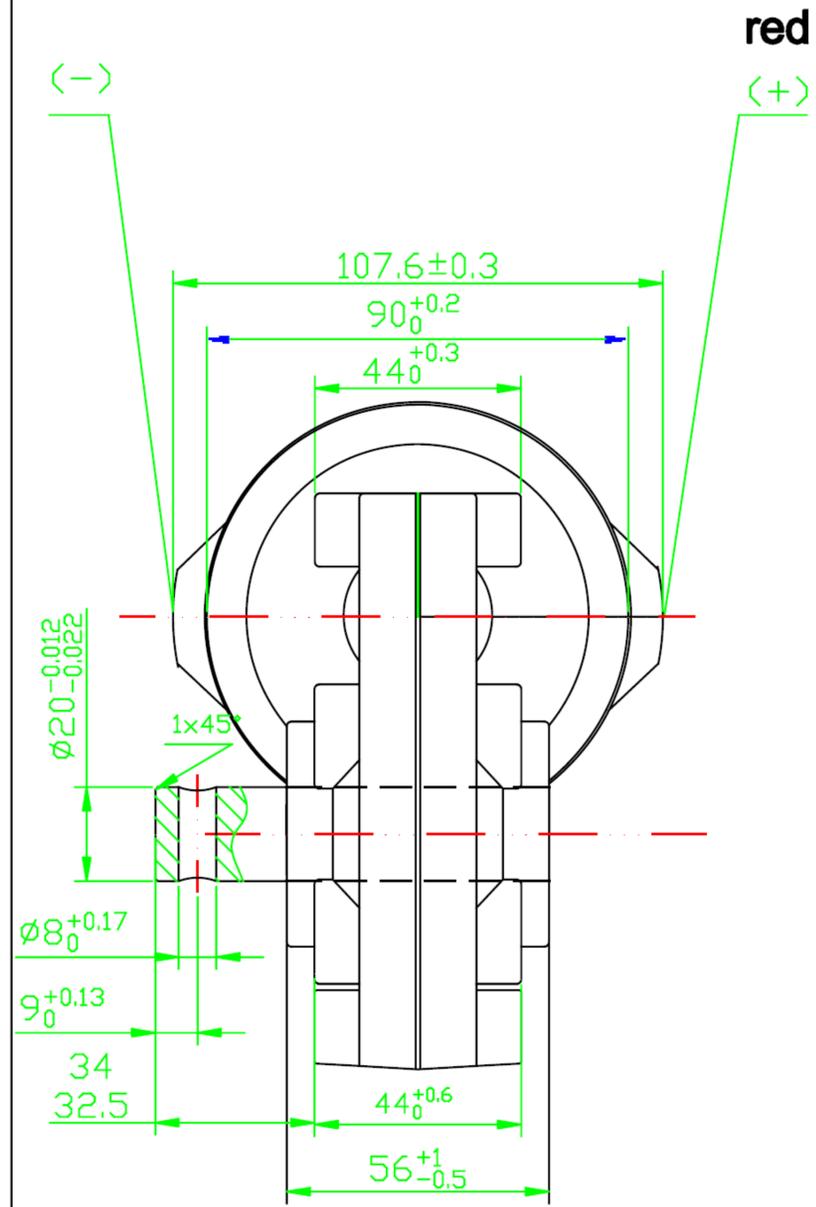


Rev	Area	Revision note	Date	Signature	Checked
A		Delrin gear was BZ 60:1	14.3.12		Y.HC
B		Added stainless steel screws (motor to gearbox)	16.3.12		Y.HC



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	DATE	2012-09-13
TORQUE:	15Nm	CURRENT: (NOMINAL)	23A
Rev.	B	CURRENT: (PEAK)	40 A
CHANGED BY	DONG NAISHUN	MOTOR SPEED:	5100
DATE	13/3/2012	GEAR RATIO:	60:1
		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

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