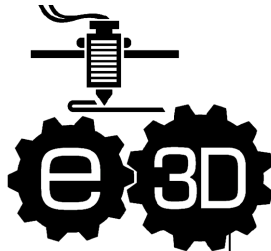
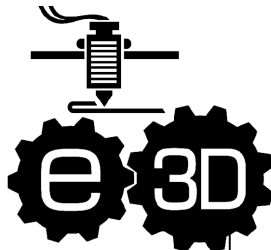


REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
1	First	06/06/18	GLH
1.1	Added Washers	11/06/18	DCR
1.2	washer for spacers	27/7/18	DCR
1.3	Countersunk holes	30/07/18	GLH
1.4	Production Version	12/03/19	GLH
1.5	Corrected License	07/10/19	GLH

Dept. Engineering	Technical reference Motion System	Created by RY	06/06/18	Approved by GLH	06/06/18
		Document type PUBLIC	Document status Released		
		Title Z Assembly	DWG No. MS-Z-AS		
		Rev. 1.5	Date of issue 06/06/18	Sheet 1/2	

Parts List			Parts List		
Item	Qty	Part Number	Item	Qty	Part Number
1	1	MGWR12R-412-H-M-E6	10	2	M-M4-16-SHCS-A2
2	1	NEMA 17 385mm Intergrated Leadscrew	11	2	MS-Z-STOP
3	1	MGW12H-Z1-H-M	12	4	M-M3-10-BHCS-A2
4	1	MS-Z-NUT-BRACKET	13	2	M-M5-10-LOW-SHCS-A2
5	1	Anti-Backlash Nut	14	2	M5 T-NUT
6	1	MS-Z-MOTOR-BRACKET	15	6	M-WASHER-M3-A2
7	1	MS-VERTICAL	16	2	M-M3-12-BHCS-A2
8	9	M-M4-12-SHCS-A2	17	4	M-M3-25-SHCS-A2
9	11	M4 T-NUT			

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		Document type PUBLIC	Document status Released		
		Title Z Assembly	DWG No. MS-Z-AS		
			Rev. 1.3	Date of issue 06/06/18	Sheet 2/2