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MOTOR SPECIFICATIONS:						
FRAME SIZE:	NEMA 14	ROTOR INERTIA (g-cm <sup>2</sup> /oz-in <sup>2</sup> ):	35.3/0.193 NOM			
STEP ACCURACY (°) ± 0.09		INSULATION CLASS:	B (130°)			
STEP ANGLE (°):	1.8	BEARINGS:	ABEC 3, DOUBLE SHIELDED			
INPUT VOLTAGE(VDC):	42.5 TO 57	APPROVALS:	CE, RoHS			

	REVISIONS				
ECO #	REV.	DESCRIPTION	DATE	APPROVED	
7935	7935 A INITIAL RELEASE		7/2/18	J.KORDIK	
8750	8750 B REDRAWN IN SOLIDWORKS		2/15/22	L. LIU	

GEARMOTOR SPECIFICATIONS:						
TEMP. RISE (°C):	80 MAX	TOTAL WEIGHT (±10g/±0.35oz):	553.7/19.5			
OPERATING AMB. TEMP. RANGE (°C):	-20 to +50	RELATIVE HUMIDITY RANGE (%):	85 NON-CONDENSING			
STORAGE TEMP. RANGE (°C):	-20 to +70	IP RATING	IP20			

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GEARHEAD SPECIFICATIONS:					
RATIO: 4.62:1 EFFICIENCY (%):					
MAX TORQUE CONTINUOUS (Nm/oz-in):	2.5/354	BACKLASH (°):	≤0.8		
MAX TORQUE (Nm/oz-in):	3.5/495.6	MAX RADIAL LOAD (N/lbf):	≤200/44.96		
MAX INPUT SPEED (RPM):	6000	MAX AXIAL LOAD (N/lbf):	≤200/44.96		

GEARHEAD MATERIALS					
GEARTRAIN:	Y15(1213) STEEL				
HOUSING:	304 STAINLESS STEEL LY12 ALUMINUM 40Cr STEEL				
INPUT/OUTPUT FLANGE:					
OUPTUT SHAFT:					
PINION:	Y15 (1213) STEEL				

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NOTES, UNLESS OTHER WISE SPECIFIED:

USE CURRENT REV OF 690-1274 LABEL. 1

2 USE CURRENT REV OF 690-1279 LABEL.

3 USE CURRENT REV OF 690-1280 LABEL.

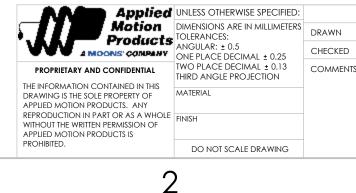
USE CURRENT REV OF 690-1285 LABEL. 4

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5. THIS ASSEMBLY IS MANUFACTURED IN COMPLIANCE WITH THE CURRENT EU ROHS DIRECTIVE.

6. ALL SPECIFICATIONS AND OPERATING INSTRUCTIONS CAN BE FOUND AT APPLIED-MOTION.COM.

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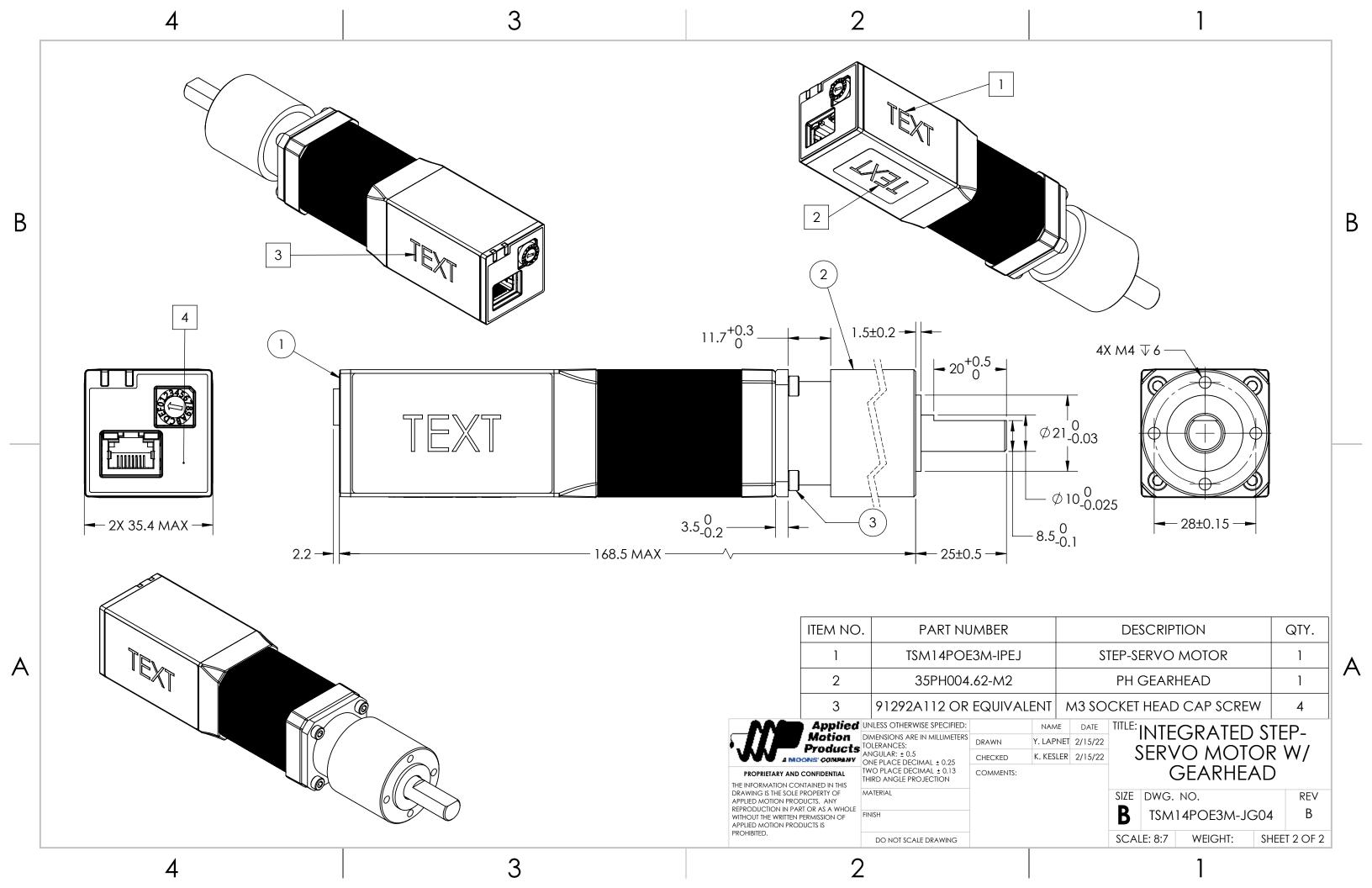


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REVISIONS
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	NAME	DATE	TITLE:	INITE			P_
	Y. LAPNET	2/15/22	INTEGRATED STEP-				
D	K. KESLER	2/15/22	SERVO MOTOR W/				
NTS:				(	GEARHE	AD	
			SIZE DWG. NO.			REV	
			<b>B</b> TSM14POE3M-JG04 B			В	
			SCALE: 8:7 WEIGHT: SHEET 1 C			T 1 OF 2	

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Authorized Distributor

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Applied Motion: TSM14POE3M-JG04