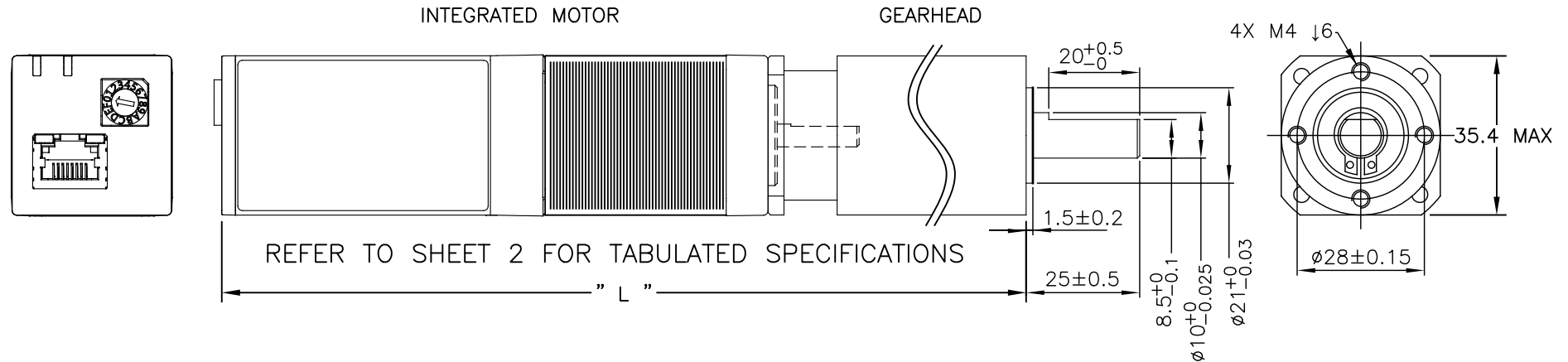



MOTOR SPECIFICATIONS:	GEARMOTOR SPECIFICATIONS:
NUMBER OF PHASES: 2	TEMP. RISE: 80°C MAX.
STEP RESOLUTION: 4096 COUNTS/TURN	OPERATING AMB. TEMP. RANGE -20 TO +50°C
ROTOR INERTIA: 35 g-cm ² /0.191 oz-in ²	STORAGE TEMP. RANGE: -20 TO +70°C
HOLDING TORQUE: 0.226 Nm/32 oz-in	RELATIVE HUMIDITY: 85% MAX NON-CONDENSING
INSULATION CLASS: CLASS B (130°C)	

NOTES, UNLESS OTHERWISE SPECIFIED:

1. THIS ASSEMBLY IS MANUFACTURED IN COMPLIANCE WITH THE CURRENT EU RoHS DIRECTIVE.
2. ALL SPECIFICATIONS AND OPERATING INSTRUCTIONS CAN BE FOUND AT APPLIED-MOTION.COM.

REVISIONS				
ECO NO.	REV	DESCRIPTION	DATE	APPROVED
8415	A	PRELIMINARY RELEASE	3/5/20	J.KORDIK
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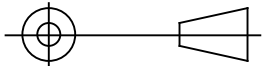


CONTRACT NO. -		 APPLIED MOTION PRODUCTS, INC.			
APPROVALS	DATE				INTEGRATED MOTOR WITH GEARHEAD ASSEMBLY RJ45 CONNECTOR
DRAWN R.JONEZ	3/5/20	B	COMPUTER DATA BASE DRAWING	DWG NO. TSM14POE3M-JGXX	
CHECKED -	-		SCALE: NONE	SHEET 1 OF 2	
APPROVED -	-				

GEARMOTOR TECHNICAL DETAILS:				
ASSEMBLY P/N	TSM14POE3M-JG04	TSM14POE3M-JG05	TSM14POE3M-JG12	TSM14POE3M-JG32
TOTAL WEIGHT-MOTOR & GEARHEAD	554 g (1.22 lbs)	554 g (1.22 lbs)	607 g (1.34 lbs)	607 g (1.34 lbs)
ASSEMBLY LENGTH - TOTAL 'L' MAX	167 mm (6.75 in)	167 mm (6.75 in)	176.8 mm (6.96 in)	176.8 mm (6.96 in)

GEARHEAD TECHNICAL DETAILS:				
GEARHEAD P/N	35PH004.62-M2	35PH005.70-M2	35PH012.07-M2	35PH032.50-M2
RATIO	4.62:1	5.7:1	12.07:1	32.5:1
MAX TORQUE CONTINUOUS	2.5 Nm (354.03 oz-in)	2 Nm (283.22 oz-in)	5 Nm (708.06 oz-in)	2.5 Nm (354.03 oz-in)
MAX TORQUE	3.5 Nm (495.64 oz-in)	3 Nm (424.84 oz-in)	6.5 Nm (920.48 oz-in)	3.5 Nm (495.64 oz-in)
MAX RADIAL LOAD	≤ 200 N (44.96 lbs)	≤ 200 N (44.96 lbs)	≤ 200 N (44.96 lbs)	≤ 200 N (44.96 lbs)
MAX AXIAL LOAD	≤ 200 N (44.96 lbs)	≤ 200 N (44.96 lbs)	≤ 200 N (44.96 lbs)	≤ 200 N (44.96 lbs)
INERTIA	0.8 g-cm ² (0.004oz-in ²)	0.8 g-cm ² (0.004oz-in ²)	0.7 g-cm ² (0.004oz-in ²)	0.5 g-cm ² (0.003oz-in ²)
BACKLASH	≤ 0.8 °	≤ 0.8 °	≤ 1.2 °	≤ 1.2 °
EFFICIENCY	90 %	90 %	81 %	81 %

MATERIAL SPECIFICATIONS	
GEARTRAIN	Y15 (1213) STEEL
HOUSING	304 STAINLESS STEEL
INPUT/OUTPUT FLANGE	LY12 ALUMINUM
OUTPUT SHAFT	40Cr STEEL
PINION	Y15 (1213) STEEL

TOLERANCES		THIRD ANGLE PROJECTION		 APPLIED MOTION PRODUCTS, INC. INTEGRATED MOTOR WITH GEARHEAD ASSEMBLY RJ45 CONNECTOR														
*ALL DIMENSIONS IN MM						<table border="1"> <tr> <td>APPROVALS</td> <td>DATE</td> </tr> <tr> <td>DRAWN R.JONEZ</td> <td>3/5/20</td> </tr> <tr> <td>CHECKED -</td> <td>-</td> </tr> <tr> <td>APPROVED -</td> <td>-</td> </tr> </table>	APPROVALS	DATE	DRAWN R.JONEZ	3/5/20	CHECKED -	-	APPROVED -	-	<table border="1"> <tr> <td>B</td> <td>DWG NO.</td> <td>TSM14POE3M-JGXX</td> <td>REV</td> <td>A</td> </tr> </table>	B	DWG NO.	TSM14POE3M-JGXX
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COMPUTER DATA BASE DRAWING		SCALE: NONE		SHEET 2 OF 2														