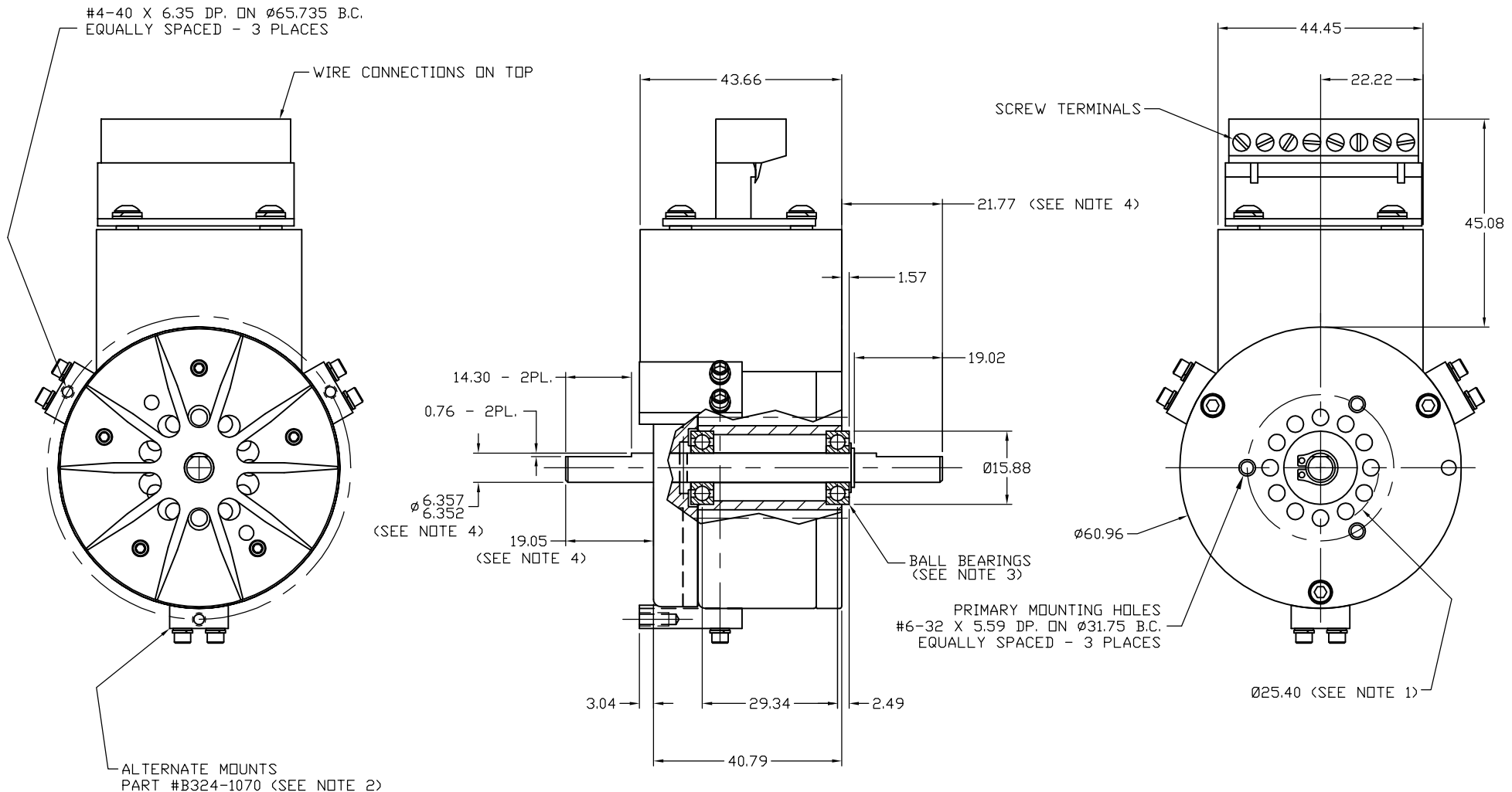


MAX. COIL CURRENT (Amps)	RESISTANCE ±10%@25°C (ohms)	MAX. VOLTAGE (Vdc)	+24Vdc SUPPLY CURRENT (Amps)	-24Vdc SUPPLY CURRENT (Amps)	ROTOR INERTIA (kg cm <sup>2</sup> )	BRAKE WEIGHT (kg.)
3.0	4.5	24	3.5	3.0	0.282	0.91



## NOTES:

- UNITS ARE IN MILLIMETERS.
- A 25.40 DIAMETER HOLE IS REQUIRED FOR VENTILATION PURPOSES. IF THE BRAKE IS MOUNTED ON A FLAT SURFACE, IT SHOULD BE SPACED 6.35mm FROM THE SURFACE.
- PART #324-1070 IS AN OPTIONAL ITEM (3 PCS. REQ.) AND MUST BE ORDERED SEPARATELY.
- 6.35 BORE, ABEC 5, FAFNIR S1K7DD OR EQUIVALENT.
- DIMENSIONS SHOWN ARE FOR THE STOCK SHAFT WITH ONE FLAT ON EACH END. CUSTOMER MAY REQUEST SHAFT WITH KEYWAYS. SHAFT MATERIAL: 17-4 STAINLESS, RC38, 1,206.6 MPA.

UNLESS OTHERWISE SPECIFIED  
 1. DIMENSIONS ARE PER ANSI Y14.5-1973  
 2. SURFACE ROUGHNESS PER ANSI B46.1-1978  
 3. LINEAR DIMENSIONS IN INCHES  
 4. LINEAR TOLERANCES:  
 X ± .05, .XX ± .02, .XXX ± .005  
 5. ANGULAR TOLERANCES:  
 X ± 5°, X ± .5°  
 6. MACHINED SURFACES:  
 I AND I ALL PLANES .002/INCH  
 DIAMETERS WITHIN .005 TIR  
 MAXIMUM SURFACE ROUGHNESS √ .32  
 7. BREAK EDGES .01 TO .02  
 8. FILLETS R0.02 MAX

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**MBS** MAGNETIC BRAKE SYSTEMS  
 4725 CALLE QUETZAL, CAMARILLO, CA 93012  
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 DISCLOSED TO OTHERS WITHOUT THE WRITTEN CONSENT OF THE ABOVE

BRAKE - MAGNETIC,  
 MODEL MBZ-2.4 (METRIC)

SH 1 OF 1  
 324-0300