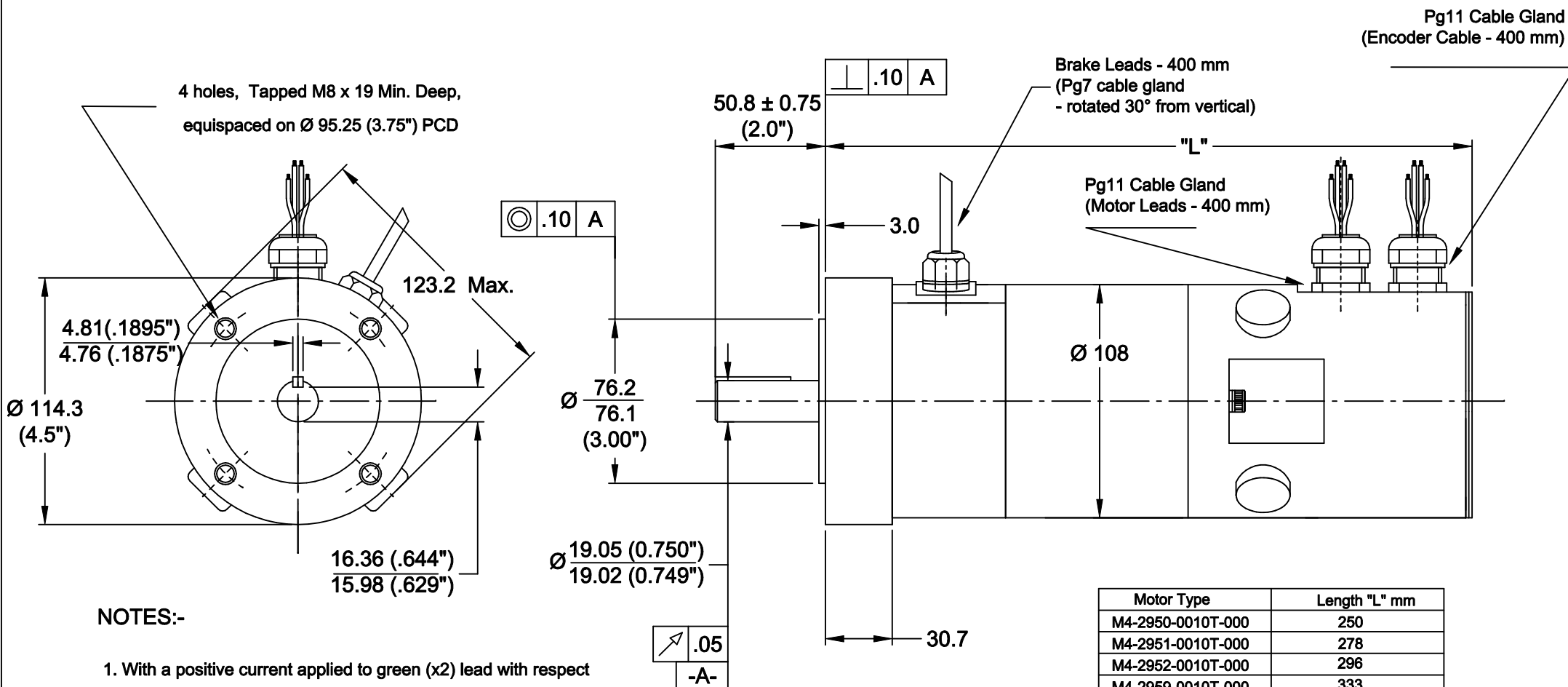


+ ve :-	Green (x2)
- ve :-	Orange (x2)

Red :-	+ 5 V DC	Green :-	CH B
Black :-	GND	Green/Black :	CH B (INV)
Blue :-	CH A	Yellow :	CH Z
Blue/Black :-	CH A (INV)	Yellow/Black:	CH Z (INV)



1. With a positive current applied to green (x2) lead with respect to orange (x2) lead, rotation shall be clockwise, facing mounting end of motor.
With this rotation, encoder channel B leads channel A by 90° elec. (1024 ppr)

2. Motor may be mounted in any position.
3. Brake Data :- 24 V DC, 10 Nm, 0.7 A (white leads)
4. See encoder data sheet for encoder wiring
5. All dimensions in mm with inches in ().

Motor Type	Length "L" mm
M4-2950-0010T-000	250
M4-2951-0010T-000	278
M4-2952-0010T-000	296
M4-2959-0010T-000	333
M4-2953-0010T-000	370
M4-2954-0010T-000	407

					Tolerances: XX = ± 0.3 mm XXJ = ± 0.1 mm Ang. Dim. = ± 1°		Surface: 6.3 ✓		Scale : 		Weight:			
					Material:		Remove all burrs and sharp corners.							
					Date	Name		DC SERVOMOTOR M4-295XX-0010T-000						
					Drawn	25/5/08							POB	
					App'd									
1					Norm.									
Issue	ECO. No.		Date	Name	App'd									
Callan Technology Ltd.														
									Rec'd For:		Rec'd By:			
											Sheet 1 Of 1			