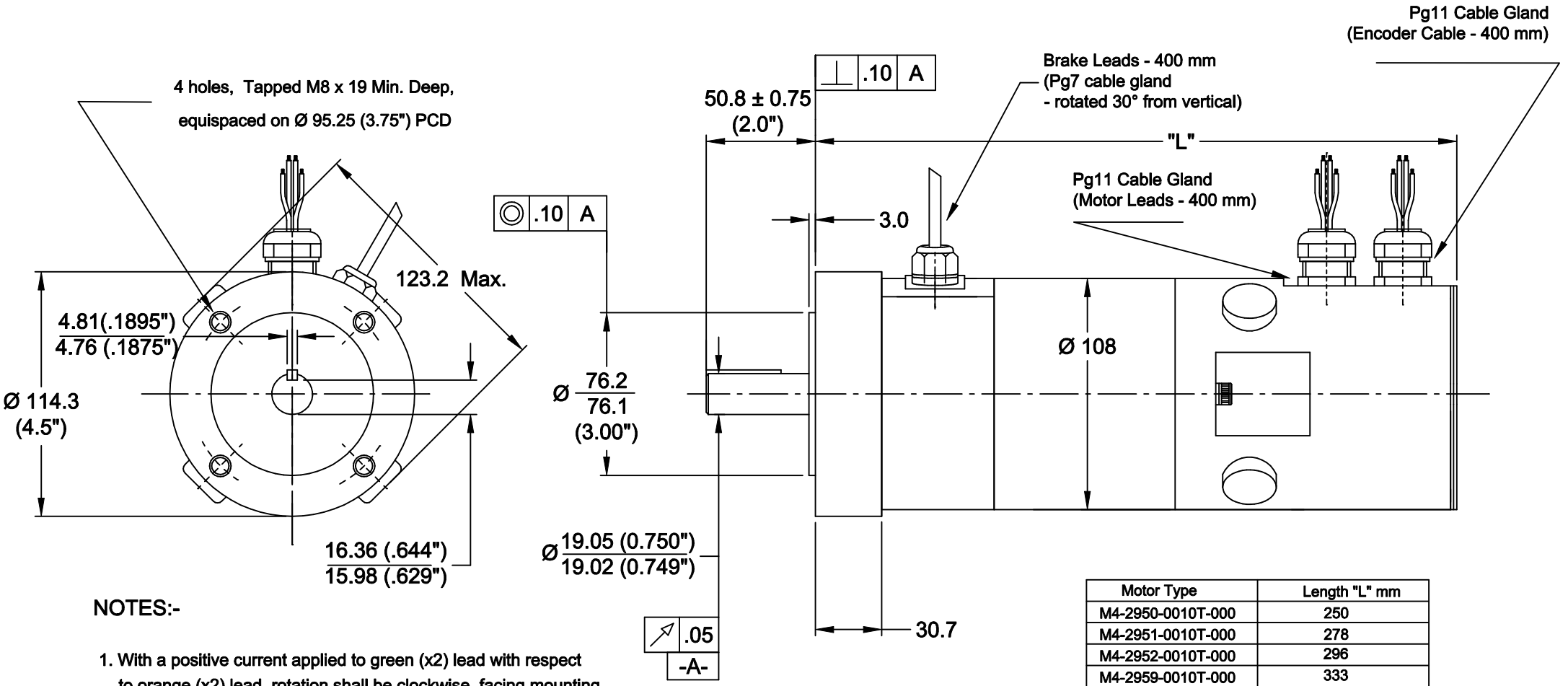
POWER LEAD CONFIGURATION

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

ENCODER CONN. PINOUT

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)



NOTES:-

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. X.X = ± 0.3 mm, X.XX = ± 0.1 mm, Ang. Dim. = ± 1°
Surface. 6.3
Scale : Weight:
Material:
Remove all burrs and sharp corners.

	Date.	Name.
Drawn.	25/5/08	POB
App'd.		
Norm.		

Issue	ECO. No.	Date.	Name	App'd
1				

DC SERVOMOTOR
M4-295XX-0010T-000

bobry servo-electronic ag

Sheet. 1 Of. 1
Repl.For. Repl.By.