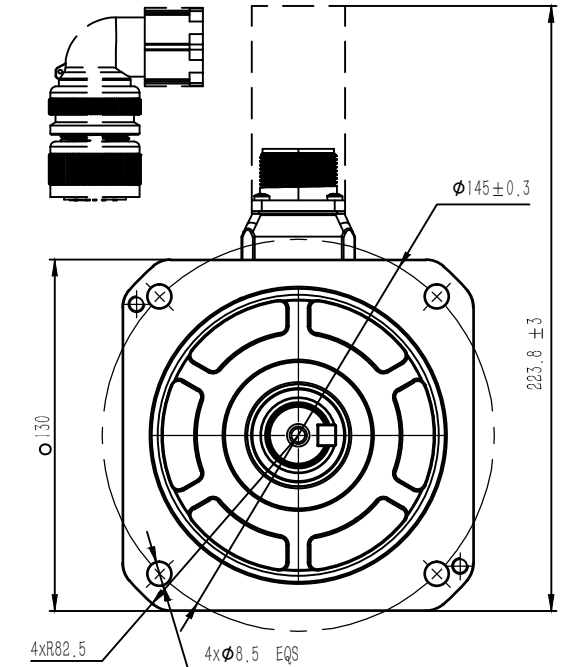


Technical drawing of a 100W LED module. The drawing includes a top view (left) and a side view (right). The top view shows a circular LED chip with a diameter of $\phi 0.06$ A, a radius r , and a mounting hole with a diameter of $\phi 22-0.013$. The side view shows the module's profile with a total length of 126 ± 1 mm and a mounting height of 170.9 ± 1 mm. Key dimensions include a chip diameter of $\phi 0.06$ A, a mounting hole diameter of $\phi 22-0.013$, a chip length of $25-0.2$ mm, a chip width of $8-0.018$ mm, a chip thickness of 11.5 mm, a chip width of 6 mm, a chip length of 40 mm, a chip width of 27.5 mm, a chip thickness of h 0.02 mm, a chip width of b 0.08 A, a chip length of 55 ± 1 mm, a chip width of 126 ± 1 mm, and a chip height of 170.9 ± 1 mm. Callouts include M6 p20, M4, P, D, and C.



The curve of torque-speed

Torque (N.m)

12.5

9.8

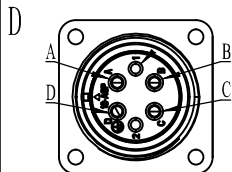
4.9

Intermittent Duty Zone

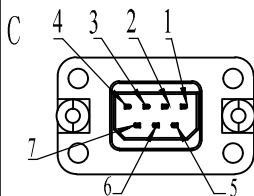
Continuous Duty Zone

0 1000 2000 3000 4000 5000

Speed (r/min)



Assignment of power connector				
Pos	A	B	C	D
Signal	U	V	W	PE



Assignment of encoder connector							
Pos	1	2	3	4	5	6	7
Signal	PE	5V	0V	SD+	SD-	BAT+	BAT-

Leadshine Technology Co .Ltd

ELM1M-1500MA130F-H

130mm, medium inertia, 1500w, no brake
23bit multi-turns magnetic encoder