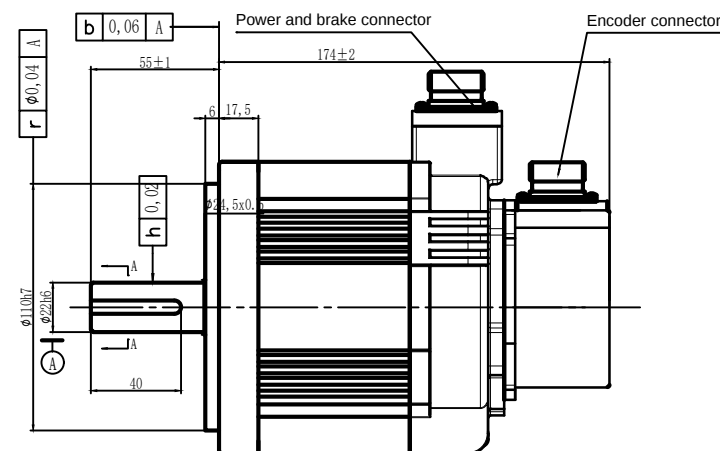
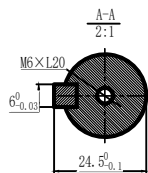


Technical drawing of a pump housing (Fig. 1.10). The drawing shows a front view of a square housing with rounded corners. It features a central circular flange with eight radial ribs. A vertical pipe or fitting is attached to the top center. Dimension lines indicate a total height of 170, a central bore diameter of 145, a mounting flange diameter of 130, and a corner radius of R20. There are four mounting holes, each with a diameter of 8.5.



Type	Power connector				Brake Connector	
Pin	A	B	C	D	1	2
Defi	U	V	W	PE	24V+	0V
Color	Red	Yellow	Blue	Yellow/green	Red	Black



The curve of torque-speed

The graph illustrates the torque-speed characteristics of the motor. The y-axis represents Torque in Newton-meters (Nm), ranging from 0 to 12. The x-axis represents Speed in revolutions per minute (rpm), ranging from 0 to 4000. The curve is divided into two main regions: the Intermittent Duty Zone (top) and the Continuous Duty Zone (bottom). The Intermittent Duty Zone shows a constant torque of 10 Nm up to 3000 rpm, followed by a linear decrease to 4 Nm at 4000 rpm. The Continuous Duty Zone shows a constant torque of 3.8 Nm up to 3000 rpm, followed by a linear decrease to 0 Nm at 4000 rpm.

Speed (rpm)	Intermittent Duty Zone Torque (Nm)	Continuous Duty Zone Torque (Nm)
0	10	3.8
3000	10	3.8
4000	4	0

ELVM130120V48EM-M17-HD

1200w servo motor with 17 bit absolute encoder
130mm / 48V /with brake