



- Protection class: 0
- Insulation class: F
- Motor shaft: Ck 45.
- Thermal Protector: Thermal fuse 128°C
- Cables: 18AWG 105°C 600V
- Bearings: Sinter Bronze.

Technical drawings of the 128°C Thermal Fuse assembly, including front, side, and rear views, and a wiring diagram.

Front View (Left): Shows the top of the fuse with dimensions: outer diameter $\phi 62.2$, mounting hole diameter $\phi 10$, central hole diameter $\phi 21$, overall width 50.9 , and mounting hole spacing 22.5 . A "Rotate Direction" arrow is shown. A "M3" thread is indicated for the central screw.

Side View (Middle): Shows the profile of the fuse with dimensions: total length 97 , mounting flange width 32.5 , central body width 20 , and terminal block width 23.5 . A "Thermal Fuse 128°C" label points to the central body. A "1x45°" chamfer is shown on the terminal block. A "5" dimension is shown for the terminal block thickness.

Rear View (Right): Shows the bottom of the fuse with dimensions: outer diameter $\phi 53.4 \pm 0.05$, mounting hole diameter $\phi 11$, and overall width 50.9 . A "0.50x2.8mm. Female Terminal 2 pcs." label points to the terminal block. A "Black" wire is shown connected to the terminal block. A "Blue" wire is shown connected to the terminal block.

Wiring Diagram (Far Right): Shows the electrical connection. The "L" (Line) terminal is connected to the "Blue" wire. The "N" (Neutral) terminal is connected to the "Black" wire. A "Thermal Fuse 128°C" is connected in series with the load.

The graph illustrates the performance characteristics of a motor as torque increases from 0 to 35 N.cm. The left y-axis represents Speed (R.P.M.) from 0 to 3500. The right y-axis represents Efficiency (%) from 0.0 to 100.0. The bottom x-axis represents Torque (N.cm) from 0 to 35. The top right y-axis represents Amperes (0 to 7) and Watts (0 to 670). The curves show that as torque increases, speed decreases, current increases, and both input and output power increase. Efficiency peaks at a torque of approximately 8 N.cm.

Torque (N.cm)	Speed (R.P.M.)	Efficiency (%)	Current (A)	Power In (W)	Power Out (W)
0	3100	0	0	0	0
5	2200	50	4.2	170	6.0
10	1600	58	5.6	280	10.0
15	1200	52	6.8	380	11.5
20	900	45	7.8	470	11.5
25	700	38	8.6	550	10.5
30	550	30	9.2	620	9.5
35	400	20	9.6	670	8.0

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