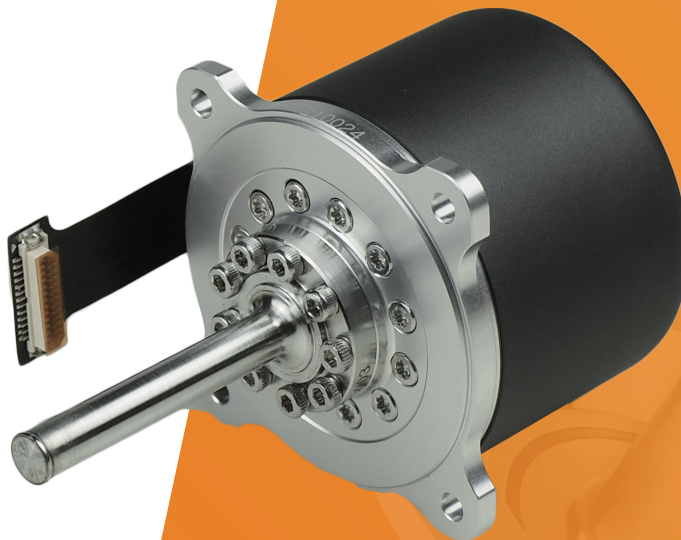


Cryocooler

TC2570 TC26G0

Aiming at the applications of infrared thermal imagers and IR sensors, the TC2570 and TC26G0 Stirling microcoolers are designed with integral free-displacer construction and driven by single linear motor. The cold fingers are compatible with the IDCA (Integrated Dewar Cooler Assembly) structure.

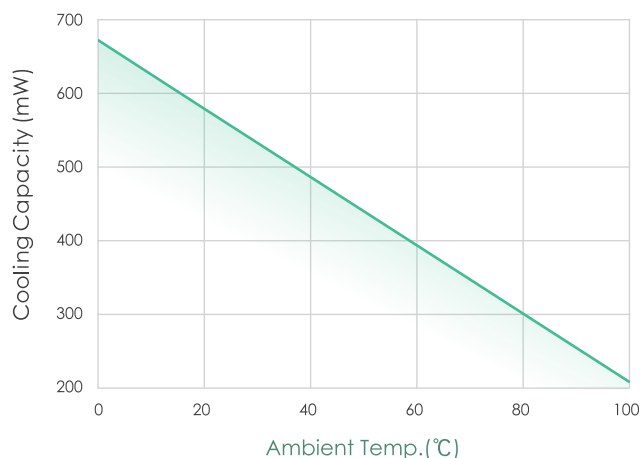


Features

- 1 Linear gas-bearing compressor, high MTTF (>20000 hrs)
- 2 Compact single piston structure, light weight
- 3 Built-in active vibration canceller, very low vibration output
- 4 Built-in controller, easy to use
- 5 Ideal for 24/7 operation

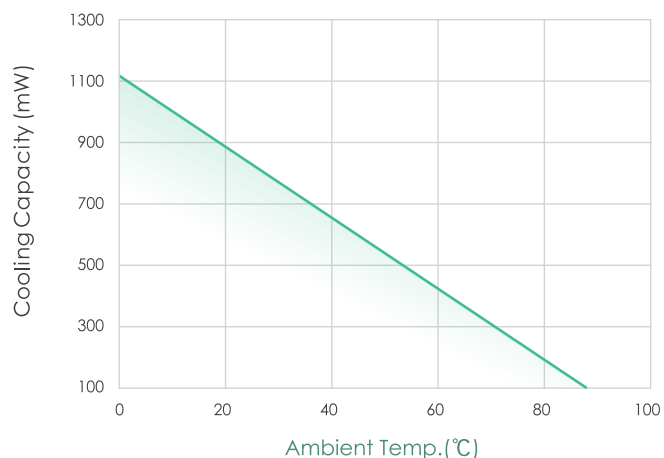
Typical performance

Cooling Capacity vs. Temperature
18W Input Power



TC2570

Cooling Capacity vs. Temperature
6W Input Power



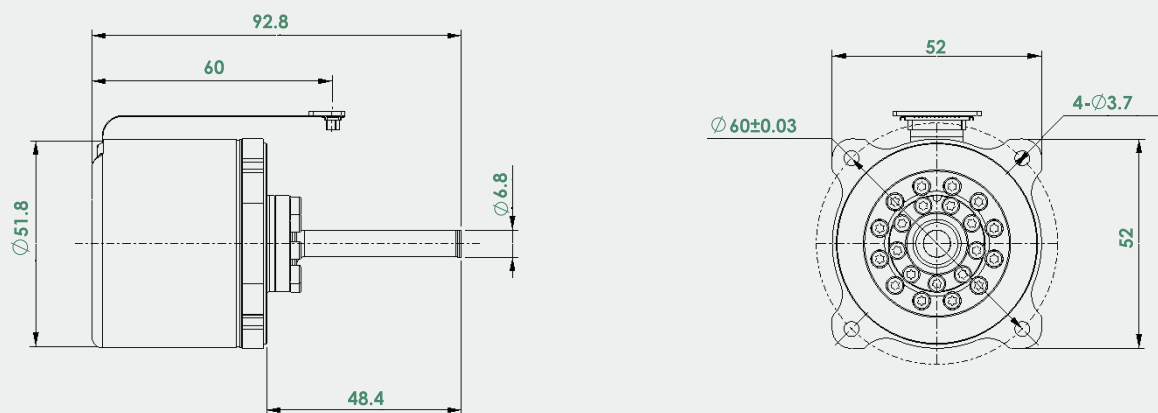
TC26G0

Specifications

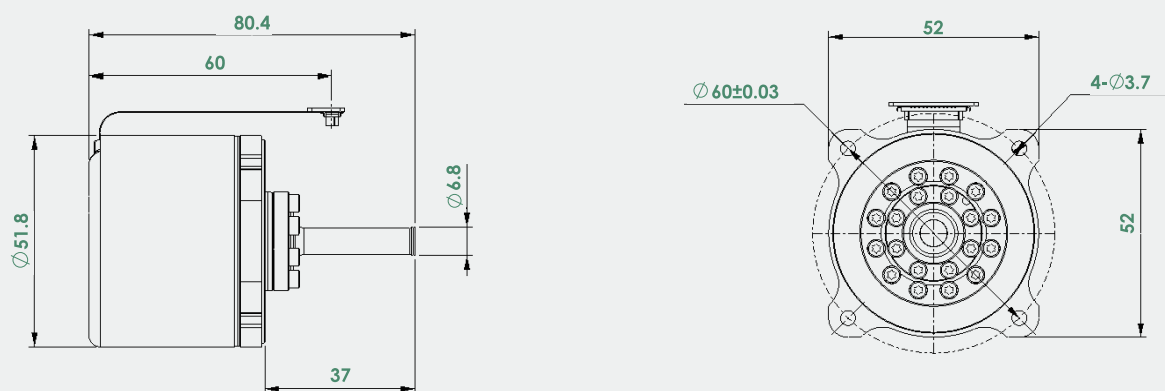
Model	TC2570	TC26G0
Operating Temperature	-40°C ~ +70°C	-40°C ~ +70°C
Nominal Input Power	18W	6W
Nominal Cooling Capacity (20°C reject)	500mW@77K	650mW@160K
Max. Cooling Capacity(20°C reject)	600mW@77K	1000mW@160K
Power Supply	12V DC	12V DC
Lowest Temperature	55K	80K
Weight	265g	260g
Temperature Stability	± 0.2K	± 0.2K
Orientation	Any	Any

Dimensions

TC2570



TC26G0



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*All dimensions in mm. Data subject to change without notice.