

MSMD082G1T

Industrial automation components

Manufacturer	Panasonic
Catalog number	msmd082g1t
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Voltage	200 VAC
Rated Output Power	750 W
Rated Speed	3,000 RPM
Encoder Resolution	1,048,576 counts per revolution counts/rev
Protection Class	IP65
Holding Brake	Yes
Flange Size	80 mm square
Shaft Diameter	19 mm

Description

The Panasonic MSMD082G1T is a low-inertia, lead wire type servo motor from the MINAS A5 series, designed for high-performance applications requiring precise motion control. Operating at a rated voltage of 200 VAC, it delivers a continuous output of 750 W and achieves a rated speed of 3,000 RPM, with a maximum speed of 4,500 RPM. The motor features an incremental 20-bit encoder system, providing a resolution of 1,048,576 counts per revolution, ensuring accurate position feedback. Its IP65 protection class ensures reliable operation in various industrial environments, with the exception of the rotating portion of the output shaft and lead wire end. The motor is equipped with a holding brake, enhancing safety during operation. With a flange size of 80 mm square and a shaft diameter of 19 mm, it is compatible with standard mounting configurations. The MSMD082G1T is suitable for applications requiring precise motion control and reliable performance.