

# Motor-MHMF082L1U2M

URL:<https://www.sxplc.com/motor-mhmf082l1u2m>

## Product data sheet

### Spec Detail

Item	Specifications
Part Number	MHMF082L1U2
Details	High inertia, Lead wire type
Family Name	MINAS A6
Series	MHMF Series
Type	High inertia
Protection class	IP65
About Enclosure	Except rotating portion of output shaft and leadwire end.
Environmental Conditions	For more details, please refer to the instruction manual.
Flange sq. dimension	80 mm sq.
Flange sq. dimension (Unit:mm)	80
Motor lead-out configuration	Lead wire
Motor encoder connector	Lead wire
Power supply capacity (kVA)	1.8
Voltage specifications (V)	200
Rated output (W)	750
Rated current (A (rms))	3.8

Holding brake	without
Mass (kg)	2.3
Oil seal	with
Shaft	Key-way, center tap
Rated torque (N ? m)	2.39
Continuous stall torque (N ? m)	2.86
Momentary Max. peak torque (N ? m)	8.36
Max. current (A (o-p))	18.8
Regenerative brake frequency (times/min)	Without option :No limit With option :No limit Option (External regenerative resistor) Part No. : DV0P4283
About regenerative brake frequency	Please refer to the details of [Motor Specification Description] , Note: 1, and 2.
Rated rotational speed (r/min)	3000
Rated rotational Max. speed (r/min)	6000
Moment of inertia of rotor ( $\times 10^{-4}$ kg ? m <sup>2</sup> )	1.56
Recommended moment of inertia ratio of the load and the rotor	20 times or less
About recommended moment of inertia ratio of the load and the rotor	Please refer to the details of [Motor Specification Description] , Note: 3.
Rotary encoder: specifications	23-bit Absolute/Incremental system
Notice	When using a rotary encoder as an incremental system (not using multi-turn data), do not connect a battery for absolute encoder.
Rotary encoder Resolution	8388608

