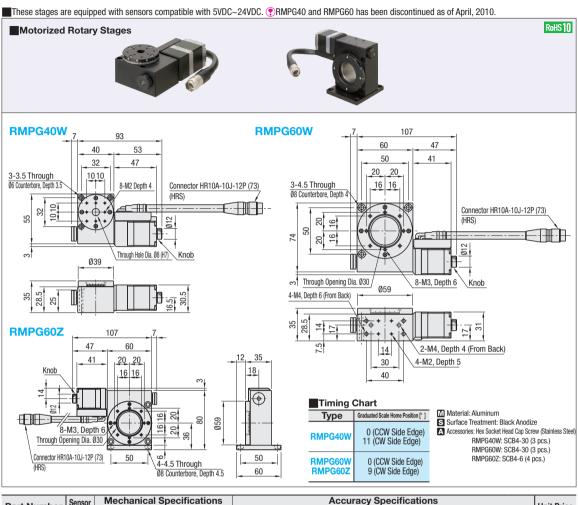
Motorized Rotary Stages

Peripherals for Motorized Stages

Controller / Handset Terminal / Cable / Driver



	Part Number		Sensor	Mechanical Specifications				Accuracy Specifications								Unit Price				
Part Nun		ibei	Voltage	ge Stage Surface	Travel	Weight	Motion Mechanism		Positioning Mome	Moment Rigidity	ment Rigidity Resolution	Maximum Speed	Repeatability	Load Capacity	Lost	Backlash	Parallelism	Eccentricity	Surface Runout	Unit Price
	Type	No.	(V)	(mm)	Distance	(kg)	(Reduction Ratio)		Accuracy	("/N·cm)	(/Pulse)	/sec[5kHz]	nepeatability	(N)	Motion	Dackidsii	(µm)	(µm)	(µm)	1~4 pc(s).
	RMPG	40W	DC5~24V	Ø39	360°	0.4	Worm Gear (Reduction Ratio 1/120)	Deep Groove	0.05°	0.74	0.006° (Full)	30°	±0.01°	29.4	0.05°	0.1° or Less	50 or	5 or	30 or	
	RIVIPG	60W 60Z	D03~24V	Ø59	300	0.6	Worm Gear (Reduction Ratio 1/180)	Ball Less	0.84	0.004° (Full)	20°	or Less	9.8	Less	0.05° or Less	less	less	less		



Ordering Part Number

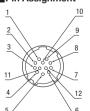


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Electrical Specifications

Stag	е Туре	RMPG40W	RMPG60W	RMPG60Z				
Motor	Type	5-Phase Stepping Motor 0.75A/Phase (Oriental Motor Co., Ltd.)						
MOTOL	Step Angle	0.72°						
Connector	Part Number	HR10A-10J-12P (73) (Hirose Electric Co., LTD.)						
Connector	Compatible Receptacle Connector	HR10A-10P-12S (73) (Hirose Electric Co., LTD.)						
	Limit Switch	-						
	Home Sensor	Provided						
	Near Home Sensor	-						
	Part Number	Photomicro Sensor EE-SX4134 (OMRON Corp.)						
Sensor	Power Supply Voltage	DC5~24V ±10%						
	Current Consumption	35mA or less						
	Control	NPN Open Collector Output DC5~24V, 8mA or less						
	Output	Residual Voltage 0.3V or less (when load current is 2mA)						
	Output Logic	Detecting (Dark): (Output Transistor OFF	(Non-Conducting)				

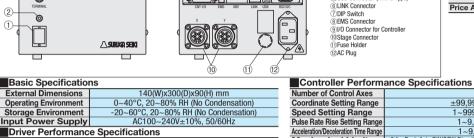
For orders larger than indicated quantity, please request a quotation Pin Assignment



	Connectii	ig Diagraili
1	Motor Lead (Blue)	Blue
2	Motor Lead (Red)	Red
3	Motor Lead (Orange)	Orange MOTOR
4	Motor Lead (Green)	Green
5	Motor Lead (Black)	Black Sensor Circuit Board
	CWLS Output	ORG1
	CCWLS Output	
3	Power Supply (-)	Regulator Board
9	Power Supply (+)	Vin Vout
0	ODC Output	

Feature: Controller for the motorized stages. See our web page for MSSOFT control software ■Controller for Motorized Stages Sensor power supply voltage for MSCTL102 controller is 5VDC. 24VDC sensors cannot be operated from this controller (however, linear semi-interpolation between the linked stages Rear Panel 8 7 6 5 ②POWER LED ③TERMINAL (Specifications: Connector for · Front Panel Handset Terminal HDT100)

RS232C (Specification: D-Sub 9P Male) DS102



Driver Type Normal (FULL/HALF Selectable) Rated Curren Functions Homing Function 1 Point/Axis (Configurable freely within effective range) Link ASLINK (Link cable is listed on our web) can externally control up to 3 stages, up to 6 axes 8 Programs (100 Steps/Program; Starts and stops by control I/O signals) Programming Teaching 64 Points (positioning is commendable from signal I/O Interpolation -Axis Linear Interpolation (linear interpolation between linked stages is not possible.)

Speed Setting Range 1~999,999pps Pulse Rate Rise Setting Range 1~9,999pps 1~9,999m 2 for Each Axis CW/CCW Direction (Input logic reversal is possible) Mechanical Limit 1 for Each Axis (Input logic reversal is possible) Near Home Detection 1 for Each Axis, 12 Routine Types (Input logic reversal is possible) Home Detection RS232C:4800~38400bps USB2.0: Compatible with Full/Low Speed only Communication I/F ontrol I/O: 9 Inputs (24VDC Opto-coupler Inputs), 12 Outputs (Open Collector Outputs Max. Power Consumption 70W (for AC100V)

Feature: Selectable cable lengths for application specific requirements.

(5) USB Connector (Mini B Type)

Feature: Motorized stages can be operated immediately by connecting the Pendant.

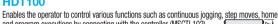


Pror orders larger than indicated quantity, please request a quotation.

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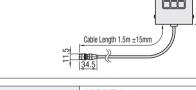
Part Nui	Part Number					
Type	No.	1~9 pc(s).				
HDT	100					
◆For orders larger than indicated quantity.						

please request a quotation.

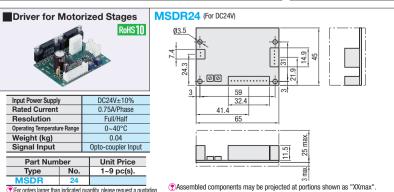


and program executions by connecting with the controller (MSCTL102). * PC is required for program editing. 72.6 ■Basic Specifications

 Operating Environment: 0~40°C, 20~80%RH (No Condensation)
 Storage Environment: -20~60°C, 20~80%RH (No Condensation) Power Supply: DC24V (Supplied from a Controller)
Weight: 0.28kg



Type L(m) 1~9 pc(s). For orders larger than indicated quantity, Material: Insulation PVC please request a quotation. **MSCB** Connector: 09-0341-02-14 (Binder) Connector: HR10A-10P-12S (73) (HRS) 12 Pin Female Connector Ø14.7 Motor Lead (Black)
CWLS Output
CCWLS Output
Sensor Power Supply (DC5V(-)) Sensor Power Supply (DC5V(+))
ORG Output
Sensor Power Supply (DC5V(-))
Frame Ground





Frame Ground J Lu]

* When XMSG, XYMSG, ZMSG are connected, ORG2 sensors do not function. Dotted line represents shields.

Connect shields to U pins and 12 pins.

Part Number **HDT100**

Part Number | Unit Price 1~9 pc(s).

For orders larger than indicated quantity please request a quotation

Alteration | Diver Type Change

(integrated in the controller) type to a Micro Step Type. (No Dimensional Changes)

Code

Price Adder

±99,999,999pls

Part Number Unit Price



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