

Part Number		M-2-MRH-46
Stage Size (mm)		Ø 46
Aperture (mm)		Ø 25.4
Reduction ratio		Worm gear(1:90)
Material		Aluminum / Copper
Weight		1.5Kg
Resolution	(Full) [°/pulse]	0.02
	(Half) [°/pulse]	0.01
	(20000) [°/pulse]	0.0002
Max Speed [° /sec]		60
Positioning Accuracy[°]		0.1
Positioning Repeatability[°]		+ /-0.05
Load Capacity[N]		49 (5.0 Kgf)
Limit Sensor(– pulse direction)		Photoelectric Sensor (NPN) ; CCW direction stop at near 0 degree ; CW direction to ∞
Origin Sensor		Photoelectric Sensor (NPN)
Sensor	Volatage	DC 5V – DC 24 V
	Current	15mA or less
	Control Output	NPN Open Collector Transistor /Output DC 30V , 50mA or less
Motor	Type	2 – phase stepping motor
	Step Angle	1.8 °

Part Number		M-2-MRH-100
Stage Size (mm)		Ø 100
Aperture (mm)		Ø 50.8
Reduction ratio		Worm gear(1:180)
Material		Aluminum / Copper
Weight		2.2Kg
Resolution	(Full) [°/pulse]	0.01
	(Half) [°/pulse]	0.005
	(20000) [°/pulse]	0.0001
Max Speed [° /sec]		30
Positioning Accuracy[°]		0.1
Positioning Repeatability[°]		+ /-0.01
Load Capacity[N]		98 (10 Kgf)
Limit Sensor(– pulse direction)		Photoelectric Sensor (NPN) ; CCW direction stop at near 0 degree ; CW direction to ∞
Origin Sensor		Photoelectric Sensor (NPN)
Sensor	Volatage	DC 5V – DC 24 V
	Current	15mA or less
	Control Output	NPN Open Collector Transistor /Output DC 30V , 50mA or less
Motor	Type	2 – phase stepping motor
	Step Angle	1.8 °

Part Number		M-2-MRH-200
Stage Size (mm)		Ø200
Aperture (mm)		Ø101.6
Reduction ratio		Worm gear(1:240)
Material		Aluminum / Copper
Weight		12Kg
Resolution	(Full) [°/pulse]	0.0075
	(Half) [°/pulse]	0.00375
	(20000) [°/pulse]	0.000075
Max Speed [° /sec]		22.5
Positioning Accuracy[°]		0.1
Positioning Repeatability[°]		+ /-0.01
Load Capacity[N]		294 (30 Kgf)
Limit Sensor(– pulse direction)		Photoelectric Sensor (NPN) ; CCW direction stop at near 0 degree ; CW direction to ∞
Origin Sensor		Photoelectric Sensor (NPN)
Sensor	Volatage	DC 5V – DC 24 V
	Current	15mA or less
	Control Output	NPN Open Collector Transistor /Output DC 30V , 50mA or less
Motor	Type	2 – phase stepping motor
	Step Angle	1.8 °

Part Number		M-5-MRH-46 PDF
Stage Size (mm)		Ø 46
Aperture (mm)		Ø 25.4
Reduction ratio		Worm gear(1:90)
Material		Aluminum / Copper
Weight		1.5Kg
Resolution	(Full) [°/pulse]	0.008
	(Half) [°/pulse]	0.004
	(20000) [°/pulse]	0.0002
Max Speed [° /sec]		60
Positioning Accuracy[°]		0.1
Positioning Repeatability[°]		+ /-0.05
Load Capacity[N]		49 (5.0 Kgf)
Limit Sensor(– pulse direction)		Photoelectric Sensor (NPN) ; CCW direction stop at near 0 degree ; CW direction to ∞
Origin Sensor		Photoelectric Sensor (NPN)
Sensor	Volatage	DC 5V – DC 24 V
	Current	15mA or less
	Control	NPN Open Collector Transistor /Output DC 30V , 50mA or less
Motor	Type	5 – phase stepping motor
	Step Angle	0.72 °

Part Number		M-5-MRH-100 PDF
Stage Size (mm)		Ø 100
Aperture (mm)		Ø 50.8
Reduction ratio		Worm gear(1:90)
Material		Aluminum / Copper
Weight		2.2Kg
Resolution	(Full) [°/pulse]	0.008
	(Half) [°/pulse]	0.004
	(20000) [°/pulse]	0.0002
Max Speed [° /sec]		30
Positioning Accuracy[°]		0.1
Positioning Repeatability[°]		+ /-0.01
Load Capacity[N]		98 (10 Kgf)
Limit Sensor(– pulse direction)		Photoelectric Sensor (NPN) ; CCW direction stop at near 0 degree ; CW direction to ∞
Origin Sensor		Photoelectric Sensor (NPN)
Sensor	Volatage	DC 5V – DC 24 V
	Current	15mA or less
	Control	NPN Open Collector Transistor /Output DC 30V , 50mA or less
Motor	Type	5 – phase stepping motor
	Step Angle	0.72 °

Part Number		M-5-MRH-160 PDF
Stage Size (mm)		Ø160
Aperture (mm)		Ø76.2
Reduction ratio		Worm gear(1:120)
Material		Aluminum / Copper
Weight		8Kg
Resolution	(Full) [°/pulse]	0.006
	(Half) [°/pulse]	0.003
	(20000) [°/pulse]	0.00015
Max Speed [° /sec]		30
Positioning Accuracy[°]		0.1
Positioning Repeatability[°]		+ /−0.01
Load Capacity[N]		196 (20 Kgf)
Limit Sensor(– pulse direction)		Photoelectric Sensor (NPN) ; CCW direction stop at near 0 degree ; CW direction to ∞
Origin Sensor		Photoelectric Sensor (NPN)
Sensor	Volatage	DC 5V – DC 24 V
	Current	15mA or less
	Control Output	NPN Open Collector Transistor /Output DC 30V , 50mA or less
Motor	Type	5 – phase stepping motor
	Step Angle	0.72 °

Part Number		M-5-MRH-200 PDF
Stage Size (mm)		Ø200
Aperture (mm)		Ø101.6
Reduction ratio		Worm gear(1:180)
Material		Aluminum / Copper
Weight		12Kg
Resolution	(Full) [°/pulse]	0.004
	(Half) [°/pulse]	0.002
	(20000) [°/pulse]	0.0001
Max Speed [° /sec]		22.5
Positioning Accuracy[°]		0.1
Positioning Repeatability[°]		+ /-0.01
Load Capacity[N]		294 (30 Kgf)
Limit Sensor(– pulse direction)		Photoelectric Sensor (NPN) ; CCW direction stop at near 0 degree ; CW direction to ∞
Origin Sensor		Photoelectric Sensor (NPN)
Sensor	Volatage	DC 5V – DC 24 V
	Current	15mA or less
	Control	NPN Open Collector Transistor /Output DC 30V , 50mA or less
Motor	Type	5 – phase stepping motor
	Step Angle	0.72 °