

Two-Jaw Electric Grippers with Long Stroke – MPLM

- Self-centering jaw system (patented).
- Parallel jaw movement.
- 30–40mm stroke.
- Self-adapting jaws part.
- T-slot style jaws for heavy loads.
- Optional magnetic sensors available.



MPLM gripper series is compatible with MRE rotary series actuators with interface plate.

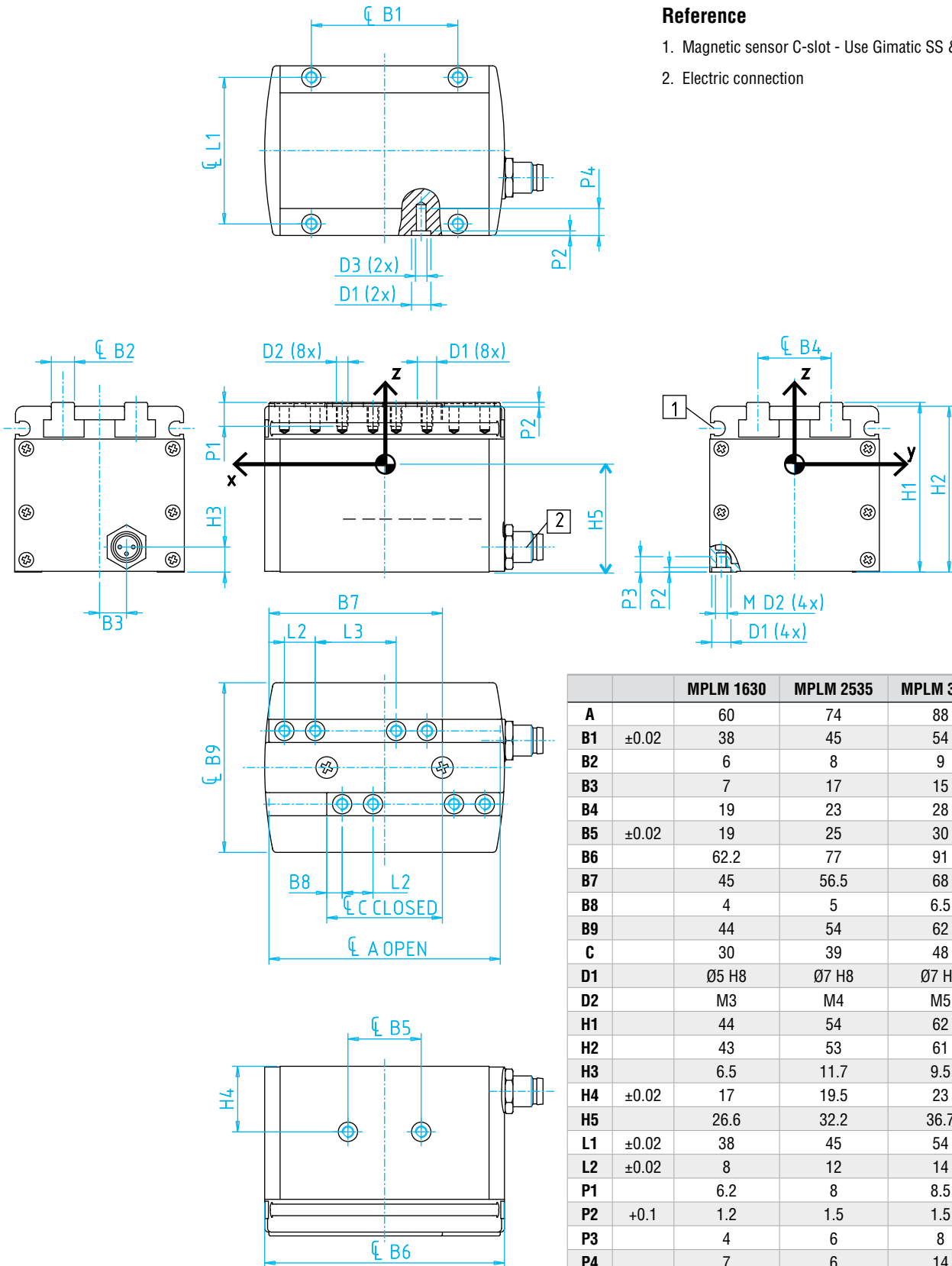


Part#	MPLM1630	MPLM2535	MPLM3240
Quick#	7269	7270	7271
Price	\$1,147.00	\$1,211.00	\$1,276.00
Total gripping force	14.16lbf	22lbf	47.2lbf
Stroke	2x15mm	2x17.5mm	2x20mm
Max frequency	0.51Hz	0.93Hz	0.70Hz
Jaw closing time	0.37s	0.42s	0.50s
Working gripper time	0.52s	0.53s	0.53s
Duty cycle	54%	100%	74%
Peak current	0.9 A	1.2 A	3.8 A
Brushless motor power	6W	11W	23W
Open/closed input signal	PNP open collector		
Environmental Degree	IP54		
Noise level	<70dB		
Weight (motor included)	263g	500g	844g

Continuous Flex Cables

Quick#	Part#	Description	Price
7160	CFGM800325P	2.5m cable 3-Wire with Straight M8 Connector	\$13.00
7161	CFGM890325P	2.5m cable 3-Wire with 90° M8 Connector	\$13.00

Two-Jaw Electric Grippers with Long Stroke – MPLM



Reference

1. Magnetic sensor C-slot - Use Gimatic SS & SN sensors
2. Electric connection

	MPLM 1630	MPLM 2535	MPLM 3240
A	60	74	88
B1	±0.02 38	45	54
B2	6	8	9
B3	7	17	15
B4	19	23	28
B5	±0.02 19	25	30
B6	62.2	77	91
B7	45	56.5	68
B8	4	5	6.5
B9	44	54	62
C	30	39	48
D1	Ø5 H8	Ø7 H8	Ø7 H8
D2	M3	M4	M5
H1	44	54	62
H2	43	53	61
H3	6.5	11.7	9.5
H4	±0.02 17	19.5	23
H5	26.6	32.2	36.7
L1	±0.02 38	45	54
L2	±0.02 8	12	14
P1	6.2	8	8.5
P2	+0.1 1.2	1.5	1.5
P3	4	6	8
P4	7	6	14