

## Two-Jaw Radial Self-Centering Electric Gripper – MPRM

- Self-centering jaw system (patented).
- Radial jaw movement.
- Optional Ø4mm inductive sensors on page 1004.
- Cables for direct connection to cobots on page 181.



MPRM gripper series is perfectly compatible with MRE rotary series actuators without any special plate.



#7263



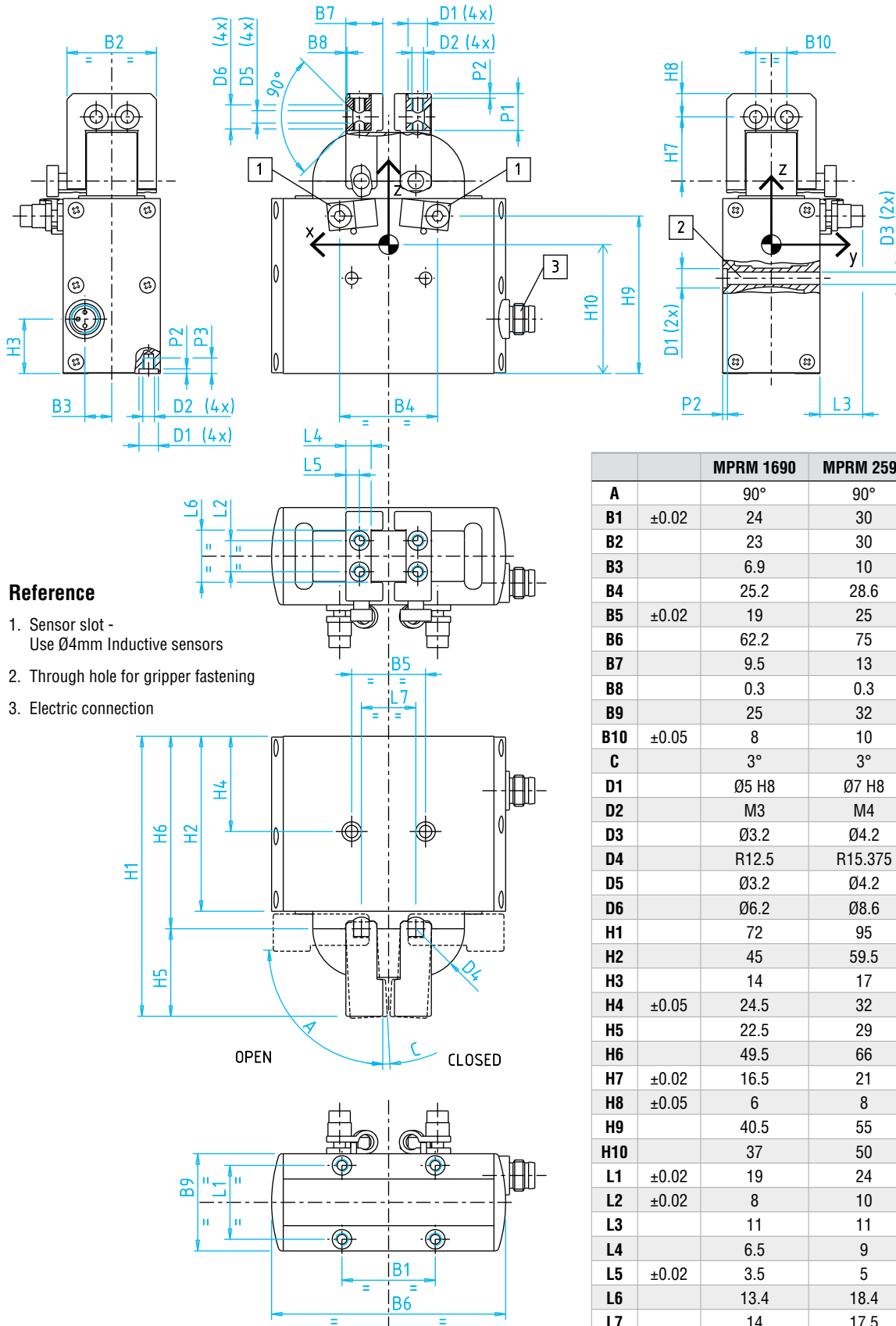
#7265

Quick#	7263	7264	7265
Part#	MPRM1690	MPRM2590	MPRM3290
Price	\$1,193.00	\$1,259.00	\$1,327.00
Total gripping torque	4.6 lbf	8 lbf	22.66 lbf
Stroke	2 x 93°		
Max frequency	0.85Hz	1.2Hz	0.9Hz
Jaw closing time	0.24s	0.31s	0.39s
Working gripper time	0.43s	0.42s	0.45s
Duty cycle	73%	100%	83%
Peak current	0.9 Apk	1.2 Apk	3.8 Apk
Brushless motor power	6W	11W	23W
Open/closed input signal	PNP open connector		
Repetition accuracy	0.02mm		
Environmental Degree	IP54		
Noise level	<70dB		
Weight (motor included)	210g	445g	730g

### 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

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**Reference**

- 1. Sensor slot -  
Use Ø4mm Inductive sensors
- 2. Through hole for gripper fastening
- 3. Electric connection

	MPRM 1690	MPRM 2590	MPRM 3290
<b>A</b>	90°	90°	90°
<b>B1</b>	±0.02 24	30	36
<b>B2</b>	23	30	34
<b>B3</b>	6.9	10	11
<b>B4</b>	25.2	28.6	33
<b>B5</b>	±0.02 19	25	30
<b>B6</b>	62.2	75	89
<b>B7</b>	9.5	13	16
<b>B8</b>	0.3	0.3	0.3
<b>B9</b>	25	32	35
<b>B10</b>	±0.05 8	10	12
<b>C</b>	3°	3°	3°
<b>D1</b>	Ø5 H8	Ø7 H8	Ø7 H8
<b>D2</b>	M3	M4	M5
<b>D3</b>	Ø3.2	Ø4.2	Ø5.2
<b>D4</b>	R12.5	R15.375	R18
<b>D5</b>	Ø3.2	Ø4.2	Ø5.2
<b>D6</b>	Ø6.2	Ø8.6	Ø10
<b>H1</b>	72	95	111
<b>H2</b>	45	59.5	68.5
<b>H3</b>	14	17	19
<b>H4</b>	±0.05 24.5	32	38
<b>H5</b>	22.5	29	34
<b>H6</b>	49.5	66	77
<b>H7</b>	±0.02 16.5	21	24.5
<b>H8</b>	±0.05 6	8	9.5
<b>H9</b>	40.5	55	64
<b>H10</b>	37	50	58.6
<b>L1</b>	±0.02 19	24	26
<b>L2</b>	±0.02 8	10	12
<b>L3</b>	11	11	11
<b>L4</b>	6.5	9	11
<b>L5</b>	±0.02 3.5	5	5
<b>L6</b>	13.4	18.4	20.4
<b>L7</b>	14	17.5	22
<b>P1</b>	9.5	12.5	15
<b>P2</b>	±0.1 1.2	1.5	1.5
<b>P3</b>	4	6	8