



### ● Finepitch electromagnetic chuck

#### Use:

For versatile clamping on a broad range of workpiece sizes

#### Features:

- Pole pitch 5+0.5+5+0.5+5+3 mm
- Highest uniform clamping force up to 140 N/cm<sup>2</sup>
- Less than 5°C chuck temperature rise after 1 hour working
- Mono-block housing for maximum stability
- Low current with minimum power consumption
- Low profile for more wheel head clearance
- Versatile clamping, excellent holding on a broad range of workpiece size



Model	Width(B)	Length(L)	Base Width(B2)	Height(H)	L1	H1	Voltage	Current	Net Weight
EMA-3060	300 (11.82)	600 (23.62)	294 (11.57)	80 (3.15)	554 (21.81)	27 (1.06)	DC 110 V	0.78 A	107 kg / 236 lb
EMA-3080	300 (11.82)	800 (31.50)	294 (11.57)	80 (3.15)	744 (29.29)	27 (1.06)	DC 110 V	1 A	143 kg / 315 lb
EMA-30100	300 (11.82)	1000 (39.37)	294 (11.57)	80 (3.15)	934 (36.77)	27 (1.06)	DC 110 V	1.2 A	179 kg / 394 lb
EMA-30120	300 (11.82)	1200 (47.24)	294 (11.57)	80 (3.15)	1124 (44.25)	27 (1.06)	DC 110 V	1.6 A	215 kg / 473 lb
EMA-30150	300 (11.82)	1500 (59.06)	294 (11.57)	80 (3.15)	1428 (56.22)	27 (1.06)	DC 110 V	2.1 A	268 kg / 591 lb
EMA-4060	400 (15.75)	600 (23.62)	394 (15.51)	80 (3.15)	554 (21.81)	27 (1.06)	DC 110 V	1.2 A	143 kg / 315 lb
EMA-4080	400 (15.75)	800 (31.50)	394 (15.51)	80 (3.15)	744 (29.29)	27 (1.06)	DC 110 V	1.4 A	191 kg / 420 lb
EMA-40100	400 (15.75)	1000 (39.37)	394 (15.51)	80 (3.15)	934 (36.77)	27 (1.06)	DC 110 V	1.9 A	239 kg / 525 lb
EMA-40120	400 (15.75)	1200 (47.24)	394 (15.51)	80 (3.15)	1124 (44.25)	27 (1.06)	DC 110 V	2.2 A	286 kg / 630 lb
EMA-40150	400 (15.75)	1500 (59.06)	394 (15.51)	80 (3.15)	1428 (56.22)	27 (1.06)	DC 110 V	2.5 A	358 kg / 788 lb
EMA-40200	400 (15.75)	1000 (39.37)*2	394 (15.51)	80 (3.15)	934 (36.22)*2	27 (1.06)	DC 110 V	1.9 A*2	477 kg / 1050 lb
EMA-5060	500 (19.69)	600 (23.62)	494 (19.45)	80 (3.15)	554 (21.81)	27 (1.06)	DC 110 V	1.2 A	179 kg / 394 lb
EMA-5080	500 (19.69)	800 (31.50)	494 (19.45)	80 (3.15)	744 (29.29)	27 (1.06)	DC 110 V	1.5 A	239 kg / 525 lb
EMA-50100	500 (19.69)	1000 (39.37)	494 (19.45)	80 (3.15)	934 (36.77)	27 (1.06)	DC 110 V	1.7 A	298 kg / 656 lb
EMA-50120	500 (19.69)	1200 (47.24)	494 (19.45)	80 (3.15)	1124 (44.25)	27 (1.06)	DC 110 V	1.9 A	358 kg / 788 lb
EMA-50150	500 (19.69)	1500 (59.06)	494 (19.45)	80 (3.15)	1428 (56.22)	27 (1.06)	DC 110 V	2.6 A	447 kg / 984 lb
EMA-50200	500 (19.69)	1000 (39.37)*2	494 (19.45)	80 (3.15)	934 (36.22)*2	27 (1.06)	DC 110 V	1.7 A*2	597 kg / 1313 lb
EMA-6080	600 (23.62)	800 (31.50)	594 (23.39)	85 (3.35)	744 (29.29)	27 (1.06)	DC 110 V	1.5 A	304 kg / 669 lb
EMA-60100	600 (23.62)	1000 (39.37)	594 (23.39)	85 (3.35)	934 (36.77)	27 (1.06)	DC 110 V	2.2 A	336 kg / 738 lb
EMA-60120	600 (23.62)	1200 (47.24)	594 (23.39)	85 (3.35)	1124 (44.25)	27 (1.06)	DC 110 V	2.4 A	456 kg / 1004 lb
EMA-60150	600 (23.62)	1500 (59.06)	594 (23.39)	85 (3.35)	1428 (56.22)	27 (1.06)	DC 110 V	2.4 A	570 kg / 1255 lb
EMA-60200	600 (23.62)	1000 (39.37)*2	594 (23.39)	85 (3.35)	934 (36.22)*2	27 (1.06)	DC 110 V	2.2 A*2	761 kg / 1673 lb
EMA-70150	700 (27.56)	1500 (59.06)	694 (27.32)	85 (3.35)	1428 (56.22)	27 (1.06)	DC 110 V	2.4 A	666 kg / 1464 lb
EMA-80200	800 (31.50)	1000 (39.37)*2	794 (31.25)	85 (3.35)	934 (36.22)*2	27 (1.06)	DC 110 V	2.9 A*2	1014 kg / 2231 lb
EMA-100150	1000 (39.37)	1500 (59.06)	994 (39.13)	85 (3.35)	1428 (56.22)	27 (1.06)	DC 110 V	5 A*2	951 kg / 2092 lb
EMA-100200	1000 (39.37)	1000 (39.37)*2	994 (39.13)	85 (3.35)	934 (36.22)*2	27 (1.06)	DC 110 V	3.3 A*2	1268 kg / 2789 lb
EMA-120200	1200 (47.24)	1000 (39.37)*2	1194 (47.01)	85 (3.35)	934 (36.22)*2	27 (1.06)	DC 110 V	4 A*2	1521 kg / 3347 lb
EMA-120300	1200 (47.24)	1000 (39.37)*3	1194 (47.01)	85 (3.35)	934 (36.22)*3	27 (1.06)	DC 110 V	4 A*3	2282 kg / 5020 lb
EMA-150300	1500 (59.06)	1000 (39.37)*3	1494 (52.82)	85 (3.35)	934 (36.22)*3	27 (1.06)	DC 110 V	6.5 A*3	2852 kg / 6275 lb
EMA-150500	1500 (59.06)	1000 (39.37)*5	1494 (52.82)	85 (3.35)	934 (36.22)*5	27 (1.06)	DC 110 V	6.5 A*5	4754 kg / 10459 lb

Unit: mm(in)