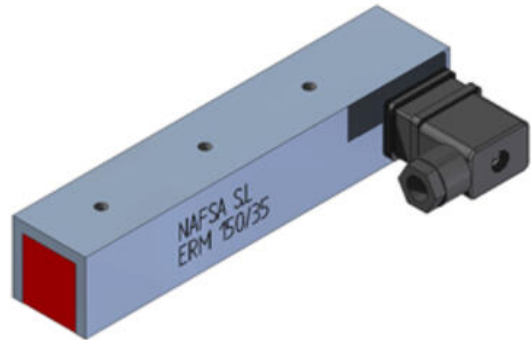


NAFSA - ERM SERIES

ERM100/35

- Rectangular holding magnet
- Class B winding (130°C)
- 100% duty cycle
- Up to 7450N force
- Customer specific version available



PRODUCT DESCRIPTION

The ERM series holds when a voltage is applied

When the voltage is removed, the holding force is released.

Please ensure safe operating conditions are met when using this type of holding electromagnet

TECHNICAL DATA

| | |
|------------------|-----------|
| Duty cycle | 100 % |
| Insulation class | B (130°C) |
| IP class | IP65 |
| Power | 10 W |
| Total weight | 900 g |
| Voltage dc max | 24 V |

| TYPE | P at 20°C (W) | e (mm) | Airgap (mm) | | | | | Magnetic force Fm (N) |
|-----------|---------------|--------|-------------|------|------|------|-----|-----------------------|
| | | | 0 | 0,1 | 0,2 | 0,5 | 1 | |
| ERM100/35 | 10 | 1 | 32 | 22 | 12 | 8 | 6 | 900 |
| | 3 | 396 | 308 | 120 | 45 | 8 | | |
| | 6 | 694 | 320 | 190 | 52 | 12 | | |
| ERM150/35 | 14 | 3 | 752 | 468 | 238 | 60 | 18 | 1450 |
| | 6 | 1090 | 657 | 368 | 90 | 21 | | |
| | 10 | 1450 | 994 | 460 | 110 | 35 | | |
| ERM200/35 | 18 | 6 | 1400 | 810 | 460 | 121 | 27 | 1758 |
| | 3 | 1758 | 1108 | 690 | 136 | 46 | | |
| | 10 | 2100 | 1480 | 537 | 210 | 45 | | |
| ERM400/35 | 30 | 6 | 3660 | 1722 | 962 | 263 | 60 | 3810 |
| | 1 | 1722 | 1311 | 911 | 90 | 35 | | |
| | 10 | 3810 | 2371 | 1297 | 304 | 93 | | |
| ERM500/35 | 45 | 3 | 2523 | 1506 | 874 | 234 | 55 | 4423 |
| | 6 | 3540 | 2190 | 1114 | 295 | 70 | | |
| | 10 | 4423 | 2745 | 1501 | 330 | 117 | | |
| ERM600/35 | 53 | 6 | 4053 | 2266 | 1266 | 346 | 60 | 5026 |
| | 1 | 5026 | 3120 | 1806 | 400 | 120 | | |
| | 3 | 2653 | 2053 | 706 | 266 | 66 | | |
| ERM150/60 | 25 | 1 | 140 | 112 | 102 | 75 | 50 | 1900 |
| | 3 | 760 | 690 | 660 | 445 | 150 | | |
| | 6 | 1800 | 1490 | 1100 | 610 | 200 | | |
| ERM200/60 | 40 | 1 | 1900 | 1500 | 1250 | 650 | 210 | 2760 |
| | 3 | 2650 | 2160 | 1600 | 884 | 290 | | |
| | 6 | 2760 | 2300 | 1870 | 900 | 300 | | |
| ERM500/60 | 75 | 1 | 453 | 440 | 397 | 310 | 190 | 7250 |
| | 3 | 3150 | 2630 | 2320 | 1800 | 780 | | |
| | 6 | 7250 | 5670 | 4850 | 2380 | 850 | | |
| ERM500/60 | 75 | 10 | 7450 | 5950 | 4820 | 2410 | 910 | |

| TYPE | A | B | C | D | E | F | H | NP of holes | Compression gland | Weight(kg) |
|-----------|-----|--------|----------|----|-----|----|-----|-------------|-------------------|------------|
| ERM100/35 | 125 | | | | | | 10 | 2 | | 0,9 |
| ERM150/35 | 175 | | | | | | 10 | 3 | | 1 |
| ERM200/35 | 225 | | | | | | 10 | 4 | | 1,5 |
| ERM400/35 | 425 | 35x0,3 | 34x0,1 | 25 | 50 | 12 | M-6 | 8 | PG-9 | 2,8 |
| ERM500/35 | 525 | | | | | | 12 | 10 | | 3,5 |
| ERM600/35 | 625 | | | | | | 12 | 12 | | 4,5 |
| ERM150/60 | 180 | | | | | | 40 | 70 | | 2,3 |
| ERM200/60 | 230 | 80x0,1 | 49,5x0,2 | 40 | 120 | 12 | M-8 | 2 | PG-11 | 3 |
| ERM500/60 | 530 | | | | | | 70 | 120 | | 7,8 |

