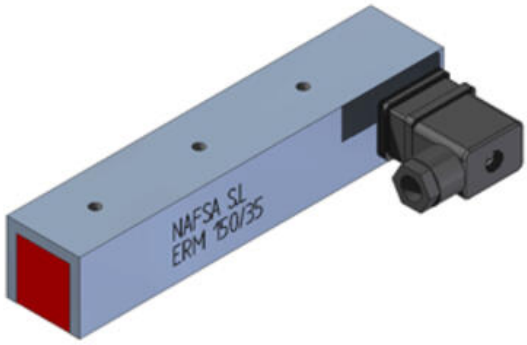
OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

NAFSA - ERM SERIES

ERM100/35



- Rectangular holding magnet
- Class B winding (130ºC)
- 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 (130ºC)
IP class	IP65
Power	10 W
Total weight	900 g
Voltage dc max	24 V

TYPE	P at 20ºC (W)	e (mm)	Airgap (mm)					Magnetic force Fm (N)
			0	0,1	0,2	0,5	1	
ERM100/35	10	1 3 6 10	32 396 604 752	22 308 320 468	12 120 190 238	8 45 52 60	6 8 12 18	
ERM150/35	14	1 3 6 10	65 769 1090 1450	50 580 657 904	30 220 368 490	21 82 90 116	14 17 21 35	
ERM200/35	18	1 3 6 10	80 928 1400 1758	60 720 810 1108	42 260 460 690	28 94 121 136	14 20 27 46	
ERM400/35	30	1 3 6 10	172 2100 3060 3810	131 1460 1722 2371	91 537 962 1297	60 210 263 304	35 45 60 93	
ERM500/35	45	1 3 6 10	210 2323 3540 4423	150 1806 2100 2745	100 674 1114 1501	60 234 295 330	36 56 70 117	
ERM600/35	53	1 3 6 10	226 2653 4053 5026	173 2053 2266 3120	90 706 1286 1806	66 266 346 400	40 66 80 120	
ERM150/60	25	1 3 6 10	140 780 1800 1900	112 680 1490 1500	102 600 1100 1250	75 445 610 650	50 180 200 210	
ERM200/60	40	1 3 6 10	205 1130 2550 2760	165 990 2160 2300	155 890 1800 1870	116 680 884 900	72 250 280 300	
ERM500/60	75	1 3 6 10	553 3150 7250 7450	440 2630 5870 5950	397 2320 4650 4820	310 1800 2380 2410	190 780 850 910	

TYPE	A	B	C	D	E	F	H	Nº of holes	Compresion 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	35±0.3	34±0.1	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		2.3
ERM200/60	230	60±0.1	49.5±0.2	40	120	12	M-8	2	PG-11	3
ERM500/60	530			70	120			4		7.8

