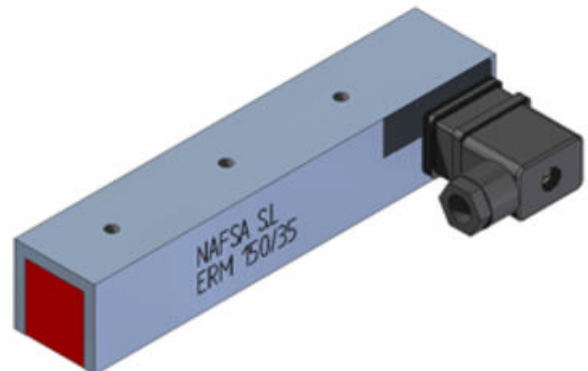


NAFSA - ERM SERIES

ERM500/35

- 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	45 W
Total weight	3500 g
Voltage dc max	24 V

TYPE	P at 20°C (W)	e (mm)	Airgap (mm)				
			0	0,1	0,2	0,5	1
ERM100/35	1	32	22	12	8	6	6
	3	396	308	120	45	8	8
	6	694	320	190	52	12	12
	10	752	468	235	60	18	18
ERM150/35	1	65	50	30	21	14	14
	3	769	580	220	82	17	17
	6	1090	657	365	90	21	21
	10	1450	904	490	116	35	35
ERM200/35	1	80	60	42	28	14	14
	3	928	720	260	94	20	20
	6	1400	810	480	121	27	27
	10	1756	1108	680	136	46	46
ERM400/35	1	172	131	91	60	35	35
	3	2108	1460	537	210	45	45
	6	3060	1722	962	263	60	60
	10	3810	2371	1297	304	83	83
ERM500/35	1	210	150	100	60	36	36
	3	2323	1806	674	234	56	56
	6	3540	2100	1114	295	70	70
	10	4423	2745	1501	330	117	117
ERM600/35	1	226	173	90	68	40	40
	3	2653	2053	705	266	66	66
	6	4053	2256	1286	346	80	80
	10	5026	3100	1806	400	120	120
ERM150/60	1	140	112	102	75	50	50
	3	730	680	600	445	150	150
	6	1800	1490	1100	610	200	200
	10	1960	1500	1250	650	210	210
ERM200/60	1	205	165	155	116	72	72
	3	1130	990	890	680	250	250
	6	2550	2100	1800	854	280	280
	10	2760	2300	1870	900	300	300
ERM500/60	1	553	440	397	310	190	190
	3	3150	2630	2320	1600	780	780
	6	7250	5870	4650	2380	850	850
	10	7450	5950	4520	2410	910	910

TYPE	A	B	C	D	E	F	H	N° of holes	Compression gland	Weight(kg)
ERM100/35	125	10	10	2	0.9	1				
ERM150/35	175	10	10	3	1					
ERM200/35	225	10	10	4	1.5					
ERM400/35	425	35±0.3	34±0.1	25	50	12	M-6	4	PG-9	2.8
ERM500/35	525					12		10		3.5
ERM600/35	625					12		12		4.6
ERM150/60	180			40	70	12	M-6	2		2.3
ERM200/60	230	60±0.1	49.5±0.2	40	120	12		2	PG-11	3
ERM500/60	530			70	120			4		7.8

