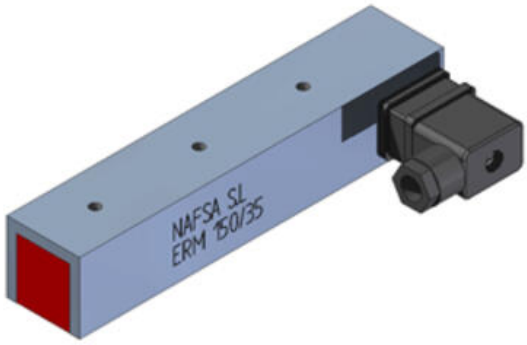
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NAFSA - ERM SERIES

ERM500/35



- 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	45 W
Total weight	3500 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	32	22	12	8	6	
		3	396	308	120	45	8	
		6	604	320	190	52	12	
		10	752	468	238	60	18	
ERM150/35	14	1	65	50	30	21	14	
		3	769	580	220	82	17	
		6	1090	657	368	90	21	
		10	1450	904	490	116	35	
ERM200/35	18	1	80	60	42	28	14	
		3	928	720	260	94	20	
		6	1400	810	460	121	27	
		10	1758	1108	690	136	46	
ERM400/35	30	1	172	131	91	60	35	
		3	2100	1460	537	210	45	
		6	3060	1722	962	263	60	
		10	3810	2371	1297	304	93	
ERM500/35	45	1	210	150	100	60	36	
		3	2323	1806	674	234	56	
		6	3540	2100	1114	295	70	
		10	4423	2745	1501	330	117	
ERM600/35	53	1	226	173	90	66	40	
		3	2653	2053	706	266	66	
		6	4053	2266	1286	346	80	
		10	5026	3120	1806	400	120	
ERM150/60	25	1	140	112	102	75	50	
		3	780	680	600	445	180	
		6	1800	1490	1100	610	200	
		10	1900	1500	1250	650	210	
ERM200/60	40	1	205	165	155	116	72	
		3	1130	990	890	680	250	
		6	2550	2160	1800	884	280	
		10	2760	2300	1870	900	300	
ERM500/60	75	1	553	440	397	310	190	
		3	3150	2630	2320	1800	780	
		6	7250	5870	4650	2380	850	
		10	7450	5950	4820	2410	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

