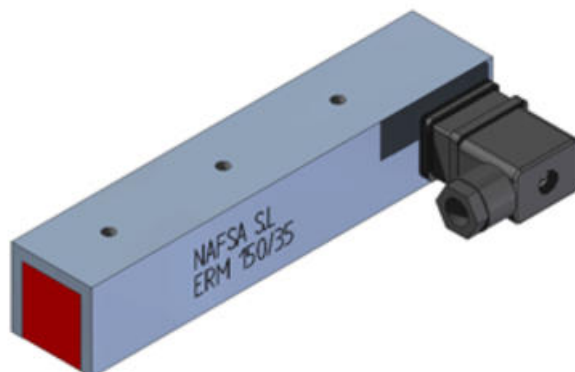


NAFSA - ERM SERIES

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	
		3	396	308	120	45	8	
		6	694	320	190	52	12	
		10	752	468	235	60	18	
ERM150/35	14	1	65	50	30	21	14	
		3	769	580	220	82	17	
		6	1090	657	365	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	480	121	27	
		10	1758	1108	680	136	46	
ERM400/35	30	1	172	131	91	60	35	
		3	2108	1460	537	210	45	
		6	3060	1722	962	263	60	
		10	3810	2371	1297	304	83	
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	68	40	
		3	2653	2053	705	266	66	
		6	4053	2256	1286	346	80	
		10	5026	3100	1806	400	120	
ERM150/60	25	1	140	112	102	75	50	
		3	730	680	600	445	150	
		6	1800	1490	1100	610	200	
		10	1960	1500	1250	650	210	
ERM200/60	40	1	205	165	155	116	72	
		3	1130	990	890	680	250	
		6	2550	2160	1800	854	290	
		10	2760	2300	1870	900	300	
ERM500/60	75	1	553	440	397	310	190	
		3	3150	2630	2320	1600	780	
		6	7250	5870	4850	2380	850	
		10	7450	5950	4820	2410	910	

TYPE	A	B	G	D	E	F	H	N° 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	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		4,5
ERM150/60	180						10	2		2,3
ERM200/60	230						12	2		3
ERM500/60	530	60±0,1	49,5±0,2	40	70	12	M-8	4	PG-11	7,8

