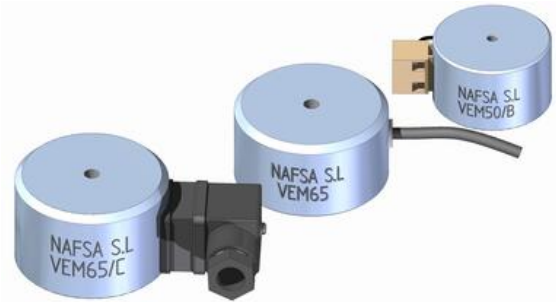


## NAFSA - VEM SERIES

VEM20  
 VEM20

- Power to create holding force
- Class B winding (130°C)
- 100% duty cycle
- Up to 7104N force
- Customer specific version available



### PRODUCT DESCRIPTION

The VEM series holds by applying a voltage to the coil.

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

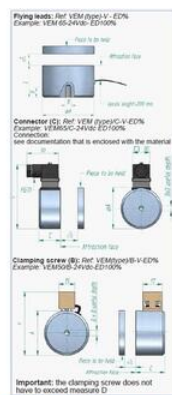
Please ensure safe operating conditions are met when using this type of holding electromagnet.

## TECHNICAL DATA

Insulation class	B(130°C)
IP class	IP65
Power	1.6 W
Total weight	20 g
Voltage dc max	24 V
Voltage type	DC

TYPE	P at 20°C (W)	e (mm)	Air gap (mm) $\hat{O}L$					Magnetic Force Fm (N)
			0	0,1	0,2	0,5	1	
VEM20	1,6	1	14,5	3,8	1,6	0,3		
		3	27	5,7	2,6	0,35		
VEM25	3,2	1	27	19	12	3		
		3	114	47	20	3,5		
		6	135	50	21	3,7		
VEM30	4	1	37	24	18	6	1,5	
		3	170	80	40	9,5	1,6	
		6	190	90	45	12	2	
VEM40	5,6	1	38	30	24	13	4	
		3	300	203	133	27	4,5	
		6	400	245	160	30	5	
VEM50	6,5	1	40	32	30	20	15	
		3	320	235	185	65	16	
		6	500	370	240	68	20	
VEM65	10	1	45	40	35	25	15	
		3	310	290	250	148	40	
		6	830	660	500	164	46	
VEM80	15	1	55	42	40	30	20	
		3	430	360	325	230	90	
		6	1150	970	830	375	110	
VEM100	20	1	70	50	45	35	25	
		3	530	440	425	335	225	
		6	1400	1200	1050	730	310	
VEM150	40	1	70	50	45	35	25	
		3	530	440	425	335	225	
		6	1400	1200	1050	730	310	

e (mm): Thickness of the piece to hold



TYPE	W	H	D	E	F	Imp@24V
VEM 20	20	M3	12	5	1	0,52
VEM 25	25	M4	12	5	1	0,56
VEM 30	30	M4	22	6	1	0,50
VEM 40	40	M4	22	6	1	0,50
VEM 50	50	M5	30	8	1	0,50
VEM 65	65	M6	35	12	1	0,50
VEM 80	80	M6	43	12	1	0,50
VEM 100	100	M5	43	12	1	0,50
VEM 150	150	M5	58	24	1	0,50