



DIMENSIONS

MODEL	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S
CI45	Ø45	38	53	15	110	52	170	15	M6	9	76	M6	65	52	6.5	3	85
CI60	Ø60	38	60	-	122	58	-	-	-	11	86	M6	80	63	7	3	100
CI80	Ø80	65	75.5	20	160.5	80	225.5	20	M8	-	105	M8	101	85	Ø9	4	120
CI100	Ø100	65	79	20	167	80	232	20	M8	-	114	M8	123	105	Ø9	4	142

DATA SHEET

		CI45	CI60	CI80	CI100
RATED POWER SUPPLY	V	12/24	12/24	12/24	12/24
PULL COIL ABSORPTION AT 20°C	A	37/15	42.8/20.3	30/21.8	30/17.1
PULL COIL POWER AT 20°C	W	444/360	514/488	360/523	360/410
HOLD COIL ABSORPTION AT 20°C	A	0.6/0.37	0.7/0.36	0.7/0.3	0.6/0.35
HOLD COIL POWER AT 20°C	W	7.2/8.8	8.4/8.6	8.4/7.2	7.2/8.4
TYPE POWER		VDC	VDC	VDC	VDC
PULL COIL SERVICE AT 20°C	ED%	INTERMIT.	INTERMIT.	INTERMIT.	INTERMIT.
HOLD COIL SERVICE AT 20°C	ED%	100	100	100	100
COIL INSULATION	CLASS	H	H	H	H
WORKING STROKE	mm	45	45	45	45
START STROKE FORCE WITHOUT SPRING AT 20°C	N	25	70	100	150
HOLDING FORCE WITHOUT SPRING AT 20°C	N	210	250	470	770
SPRING PRELOAD AT BEGINNING OF WORKING STROKE	N	5	22	13	50
SPRING LOADING AT END OF WORKING STROKE	N	36	54	140	230
PROTECTION DEGREE	IP	45	45	45	45
TOTAL WEIGHT OF ELECTROMAGNET	Kg	0.900	1.700	3.200	6.300