



## DIMENSIONS

MODEL	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S
C45	Ø45	38	76	15	133	52	193	15	M6	9	60	M6	65	52	6.5	3	58.5
C60	Ø60	38	83	-	145	58	-	-	-	11	86	M6	80	63	7	3	66
C80	Ø80	65	109.5	20	204.5	80	269.5	20	M8	-	125	M8	101	85	Ø9	4	-
C100	Ø100	65	123	20	211	80	276	20	M8	-	115	M8	123	105	Ø9	4	-

## DATA SHEET

		C45	C60	C80	C100
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	0.65/0.34	0.7/0.3	0.6/0.35
HOLD COIL POWER AT 20°C	W	7.2/8.8	7.9/8.2	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	80	100	180
HOLDING FORCE WITHOUT SPRING AT 20°C	N	180	300	440	600
SPRING PRELOAD AT BEGINNING OF WORKING STROKE	N	8	10	12	12
SPRING LOADING AT END OF WORKING STROKE	N	45	60	140	140
PROTECTION DEGREE	IP	45	45	45	45
TOTAL WEIGHT OF ELECTROMAGNET	Kg	1.100	1.800	3.400	6.500