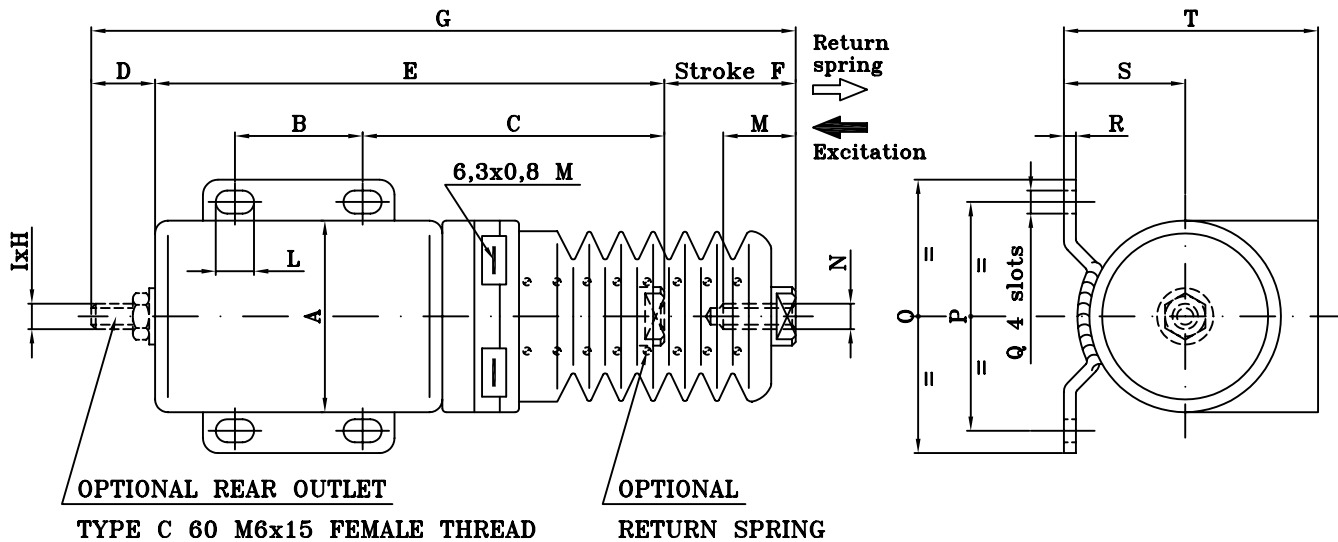


C type Electromagnets



MODEL	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S	T	WEIGHT
C 45	∅45	38	76	15	133	45	193	15	M6	9	20	M6	65	52	6,5	3	26,5	58,5	1,1 Kg
C 60	∅60	38	83	—	145	45	—	—	—	11	20	M6	80	63	7	3	34	66	1,8 Kg
C 80	∅80	65	109,5	20	204,5	45	269,5	20	M8	—	20	M8	101	85	∅9	4	47	—	3,4 Kg
C 100	∅102	65	123	20	211	45	276	20	M8	—	20	M8	123	105	∅9	4	58	—	6,5 Kg

Tolerances on the dimensions $\pm 0.7\text{mm}$

Electromagnets type C technical specifications

MODEL	VOLTAGE Vdc	PULL COIL ABSORPTION		HOLD COIL ABSORPTION		PULL COIL DUTY %ED	HOLD COIL DUTY %ED	IP PROTECTION	STROKE mm	SPRING PRELOAD		FORCE (without spring)	
		Amp.	Watt	Amp.	Watt					stroke start	end of stroke	stroke start	holding start
C 45	12	37	444	0,6	7,2	Intermit.	100%	45	45	8 N	45 N	25 N	180 N
	24	15	360	0,37	8,8								
C 60	12	50	600	0,65	7,9	Intermit.	100%	45	45	10 N	60 N	80 N	300 N
	24	20,3	488	0,34	8,2								
C 80	12	30	360	0,7	8,4	Intermit.	100%	45	45	12 N	140 N	100 N	440 N
	24	21,8	523	0,3	7,2								
C 100	12	30	360	0,6	7,2	Intermit.	100%	45	45	12 N	140 N	180 N	600 N
	24	17,1	410	0,35	8,4								

Electromagnets with a rear outlet have an IP40 protection.

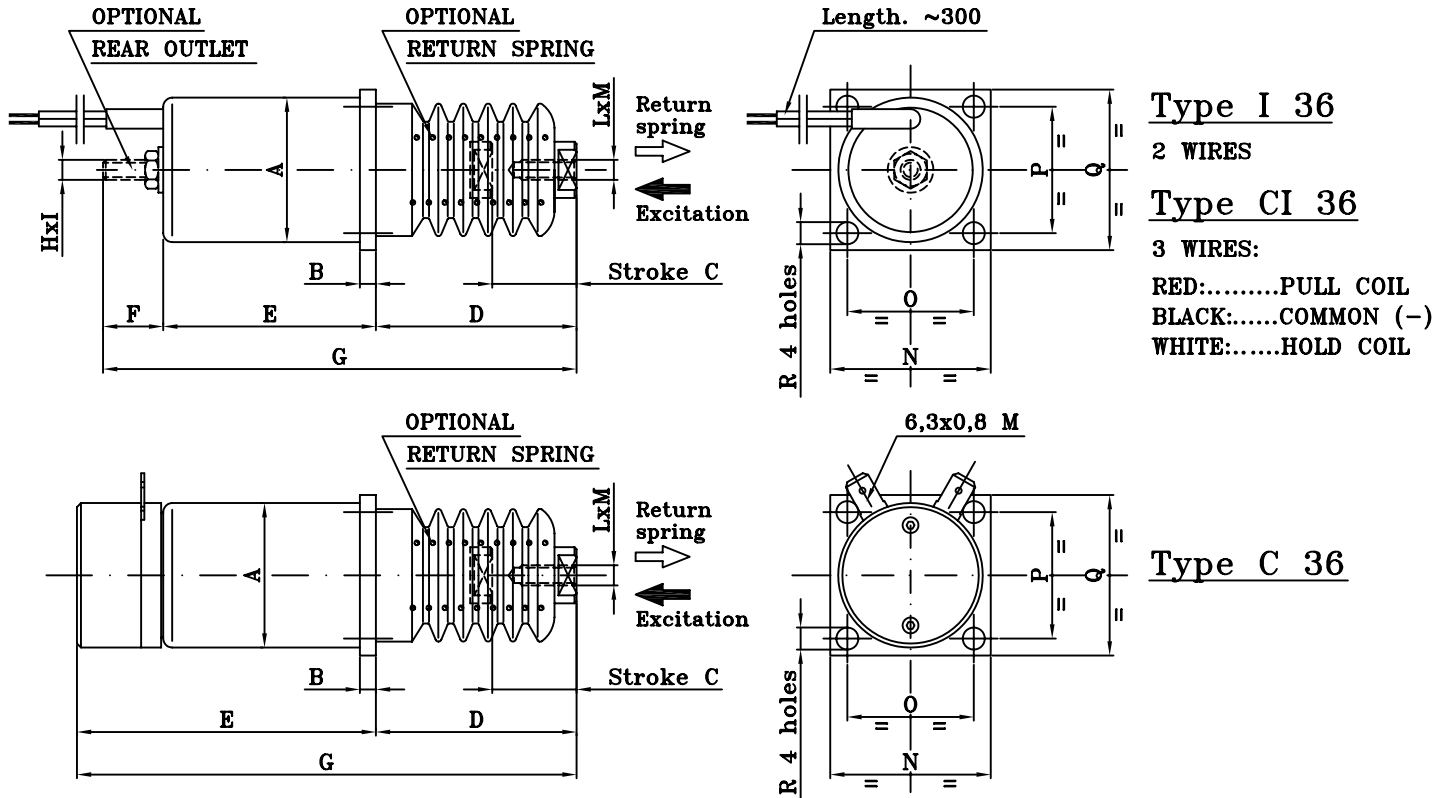
The forces indicated above refer to a single work cycle at a temperature of 20°C.

The above data is strictly rated; a variation in any of the data leads to a consequent variation in all other data.

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Requirements other than the above can be met upon request.

36 model Electromagnets



TYPE	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	WEIGHT
I 36	ø36	4	20	50	53	15	118	M5	15	M5	15	40	31,5	31,5	40	ø5,3	0,4 Kg
C 36	ø36	4	20	50	74,5	—	124,5	—	—	M5	15	40	31,5	31,5	40	ø5,3	0,5 Kg
CI 36	ø36	4	20	50	53	15	118	M5	15	M5	15	40	31,5	31,5	40	ø5,3	0,4 Kg

Tolerances on the dimensions ±0.6mm

Electromagnets model 36 technical specifications

TYPE	VOLTAGE Vdc	PULL COIL ABSORPTION		HOLD COIL ABSORPTION		PULL COIL DUTY %ED	HOLD COIL DUTY %ED	IP PROTECTION	STROKE mm	SPRING PRELOAD		FORCE (without spring)		
		Amp.	Watt	Amp.	Watt					stroke start	end of stroke	stroke start	5mm into stroke	holding stroke
I 36	12	48	576	—	—	Intermit.	—	45	20	23 N	51 N	60 N	150 N	—
	24	25.3	606	—	—									
C 36	12	60	720	0,4	4,8	Intermit.	100%	45	20	23 N	51 N	50 N	—	120 N
	24	30	720	0,2	4,8									
CI 36	12	60	720	0,4	4,8	Intermit.	100%	45	20	23 N	51 N	50 N	—	130 N
	24	30	720	0,2	4,8									

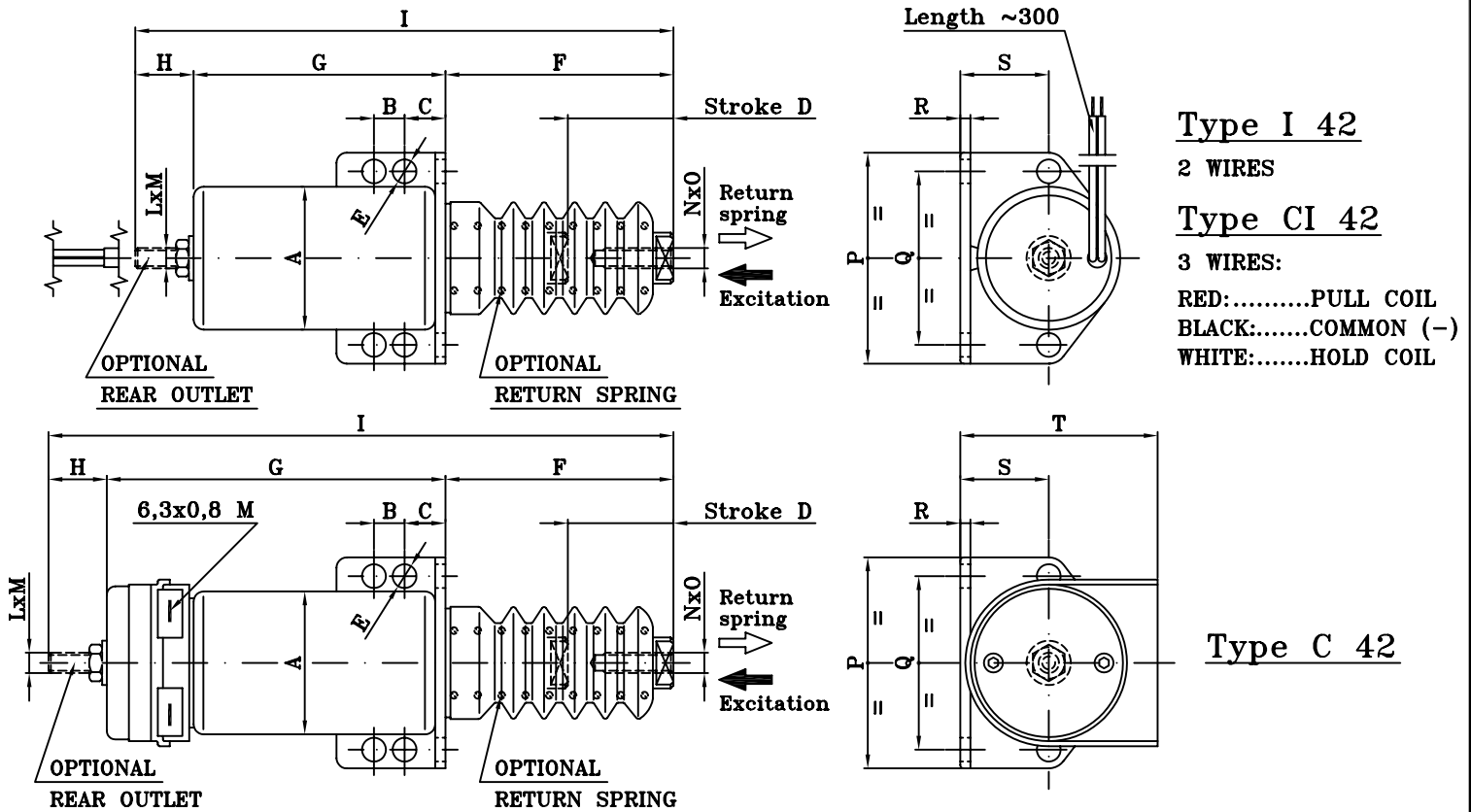
Electromagnets with a rear outlet have an IP40 protection.

The forces indicated above refer to a single work cycle at a temperature of 20°C. The above data is strictly rated; a variation in any of the data leads to a consequent variation in all other data.

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Requirements other than the above can be met upon request.

42 model Electromagnets



Type I 42

2 WIRES

Type CI 42

3 WIRES:

RED:.....PULL COIL
BLACK:.....COMMON (-)
WHITE:.....HOLD COIL

Type C 42

TYPE	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S	T	WEIGHT
I 42	ø42	9	12	30	ø7	67	74	15	156	M6	15	M6	20	62	51	3	26	—	0,8 Kg
C 42	ø42	9	12	30	ø7	67	99,5	15	181,5	M6	15	M6	20	62	51	3	26	58	0,9 Kg
CI 42	ø42	9	12	30	ø7	67	74	15	156	M6	15	M6	20	62	51	3	26	—	0,8 Kg

Tolerances on the dimensions $\pm 0.7\text{mm}$

Electromagnets model 42 technical specifications

TYPE	VOLTAGE Vdc	PULL COIL ABSORPTION		HOLD COIL ABSORPTION		PULL COIL DUTY %ED	HOLD COIL DUTY %ED	IP PROTECTION	STROKE mm	SPRING PRELOAD		FORCE (without spring)		
		Amp.	Watt	Amp.	Watt					stroke start	end of stroke	stroke start	5mm into stroke	holding
I 42	12	25,5	306	—	—	Intermit.	—	45	30	6 N	33 N	40 N	100 N	—
	24	17,9	430	—	—									
C 42	12	30	360	0,5	6,2	Intermit.	100%	45	30	6 N	33 N	40 N	—	120 N
	24	15,4	370	0,27	6,4									
CI 42	12	30	360	0,5	6,2	Intermit.	100%	45	30	6 N	33 N	40 N	—	150 N
	24	15,4	370	0,27	6,4									

Electromagnets with a rear outlet have an IP40 protection.

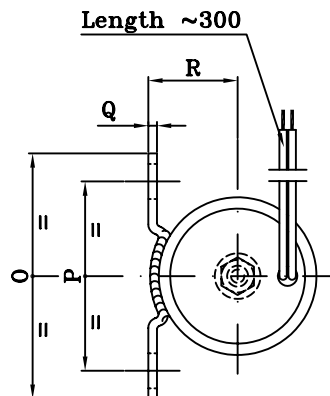
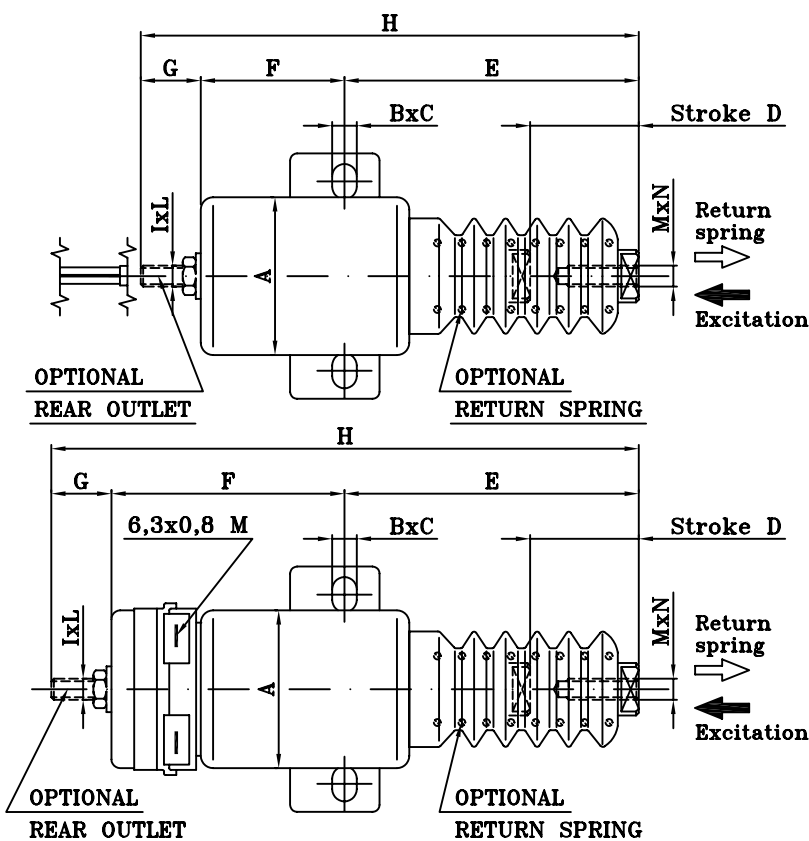
The forces indicated above refer to a single work cycle at a temperature of 20°C.

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456 model Electromagnets



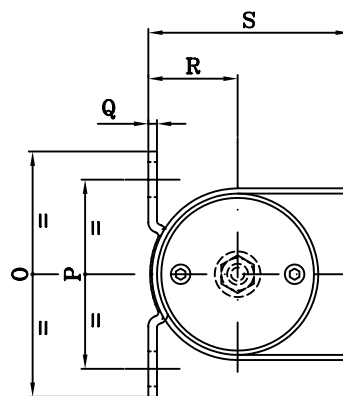
Type I 456

2 WIRES

Type CI 456

3 WIRES:

RED:.....PULL COIL
 BLACK:.....COMMON (-)
 WHITE:.....HOLD COIL



Type C 456

TYPE	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S	WEIGHT
I 456	∅45	7	10	26	83	41	15	139	M6	15	M6	20	70	54	2,5	25,5	—	0,7 Kg
C 456	∅45	7	10	26	83	66,5	15	164,5	M6	15	M6	20	70	54	2,5	25,5	57,5	0,8 Kg
CI 456	∅45	7	10	26	83	41	15	139	M6	15	M6	20	70	54	2,5	25,5	—	0,7 Kg

Tolerances on the dimensions ±0.6mm

Electromagnets model 456 technical specifications

TYPE	VOLTAGE Vdc	PULL COIL ABSORPTION		HOLD COIL ABSORPTION		PULL COIL DUTY %ED	HOLD COIL DUTY %ED	IP PROTECTION	STROKE mm	SPRING PRELOAD		FORCE (without spring)		
		Amp.	Watt	Amp.	Watt					stroke start	end of stroke	stroke start	5mm into stroke	holding
I 456	12	28,5	342	—	—	Intermit.	—	45	26	24 N	46 N	75 N	145 N	—
	24	14,3	343	—	—									
C 456	12	44	528	0,55	6,6	Intermit.	100%	45	26	24 N	46 N	75 N	—	140 N
	24	20,5	492	0,37	8,8									
CI 456	12	44	528	0,55	6,6	Intermit.	100%	45	26	24 N	46 N	75 N	—	170 N
	24	20,5	492	0,37	8,8									

Electromagnets with a rear outlet have an IP40 protection.

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