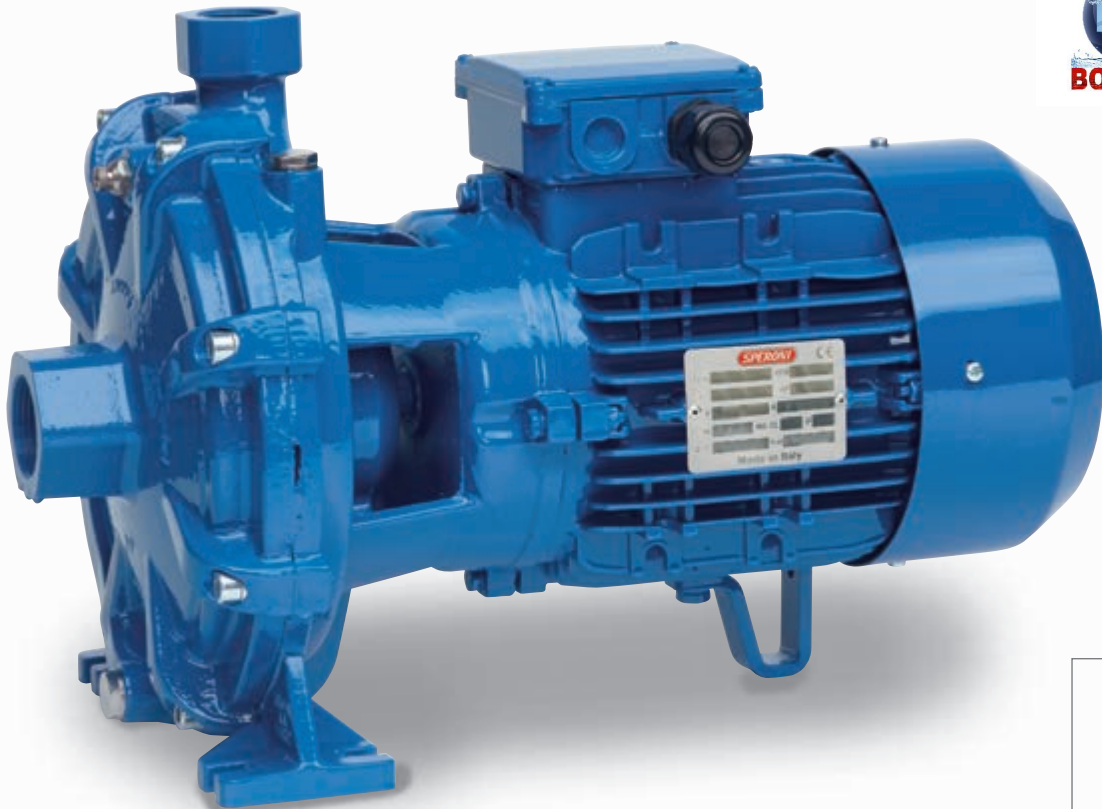


APLICACIONES

Electrobombas centrífugas de dos rodetes para subir agua limpia y líquidos con carga moderada de impurezas no agresivos para los materiales de las bombas. Característica principal es el uso de dos rodetes contrapuestos que permiten, a diferencia del modelo con un solo rodete, cargas hidrostáticas elevadas. Adecuadas para instalaciones civiles e industriales, distribución automática del agua por medio de depósitos pequeños y medianos (autoclave) y para riego por aspersión en el jardín y en agricultura.

APPLICATION

Twin impeller centrifugal water pumps to lift clean water and non-aggressive liquids. The main feature are the two opposite impellers which allow higher lifts than in the single-impeller model. They are qualified for civil and industrial fittings, for water distribution by tank pressure groups and for irrigation in gardening and agriculture.



RODETE - IMPELLER

LÍMITES DE USO

- Temperatura del líquido hasta 35 °C (para un uso doméstico según la norma EN 60335-2-41)
- Temperatura máx. líquido: 90 °C (para otros usos)
- Temperatura ambiente hasta 40 °C.
- Altura de aspiración manométrica de hasta 7 m.
- Servicio continuo

MOTOR

- Monofásico 230V-50Hz
- Trifásico 230/400V-50Hz P2 7,5 kW
- Trifásico 400/690V-50Hz P2 > 7,5 kW
- Motor inducción de 2 polos (n = 2850 min⁻¹)
- Aislamiento Clase F
- Protección IP 55

MATERIALES

- | | |
|---------------------|---------------------------|
| - Cuerpo bomba | Fundición |
| - Soporte del motor | Fundición |
| - Rotores | Latón |
| - Eje motor | Acero inoxidable AISI 304 |
| - Juntas mecánicas | Cerámica/Grafito/NBR |

OPERATING CONDITIONS

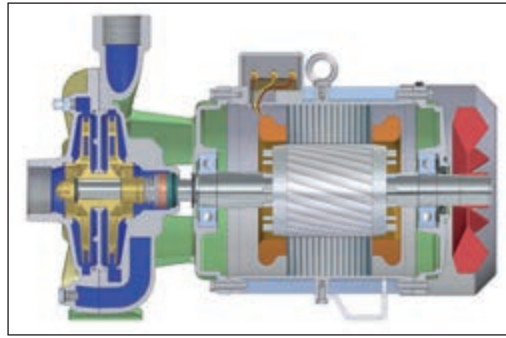
- Liquid temperature up to 35°C (for home use according to EN 60335-2-41)
- Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTOR

- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz P2 ≤ 7,5 kW
- Three-phase 400/690V-50Hz P2 > 7,5 kW
- Two-Pole induction motor (n = 2850 min⁻¹)
- Insulation Class F
- Protection IP 55

MATERIALS

- | | |
|--------------------|--------------------------|
| - Pump body | Cast Iron |
| - Motor Support | Cast Iron |
| - Impellers | Brass |
| - Shaft with rotor | Stainless Steel AISI 304 |
| - Mechanical seal | Ceramic/Graphite/NBR |



REFERENCIAS MODELOS

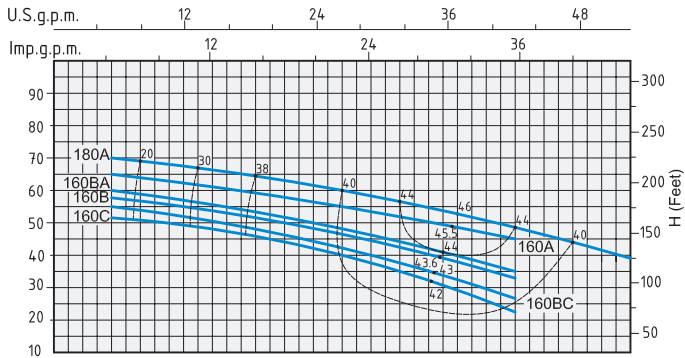
SCB-150 (2C 25/160C)	1,5HP / 1,1 kW
SCB-200 (2C 25/160B)	2 HP / 1,5 kW
SCB-300 (2C 32/190C)	3 HP / 2,2 kW
SCB-400 (2C 32/190B)	4 HP / 3 kW
SCB-550 (2C 32/210D)	5,5 HP / 4 kW
SCB-750 (2C 32/210C)	7,5 HP / 5,5 kW
SCB-800 (2C 40/180C)	7,5 HP / 5,5 kW
SCB-1000 (2C 40/180B)	10 HP / 7,5 kW
SCB-1250 (2C 400/180A)	12,5 HP / 9,2 kW
SCB-1500 (2C 40/200A)	15 HP / 11kW

TIPO/ TYPE SCB150 - SCB200		POTENCIA NOMINAL NOMINAL POWER		POTENCIA ABSORBIDA INPUT POWER	INTENSIDAD AMPERE		Q = CAUDAL - CAPACITY											
Monofásico Single-phase	Trifásico Three-phase	P2		P1	Monofásico Single-phase	Trifásico Three-phase	m³/h	1,2	2,4	3,6	4,8	6	7,2	8,4	9,6	10,8	12	
		HP	kW															kW
2CM 25/160C	2C 25/160C	1,5	1,1	2,2	10	4,3	Presión manométrica total en m.C.A. - Total head in meters w.c.											
2CM 25/160BC		2	1,5	2,4	11		H (m)	51	49	47	44	40	35	27	23			
	2C 25/160B	2	1,5	2,6		5		54	52	49	46	42	36	28	26			
2CM 25/160BA	2C 25/160BA	2,5	1,85	2,8	13	5,2		58	56	53,5	50	47,5	42	35	31			
2CM 25/160A	2C 25/160A	3	2,2	3,6	16	5,7		61	59	57	54	48	42	35	33			
	2C 25/180A	4	3	4,2		7		65	62,5	61	59	57	54	50,5	46			
								70	68	65	63	60	57	54	49	44	39	

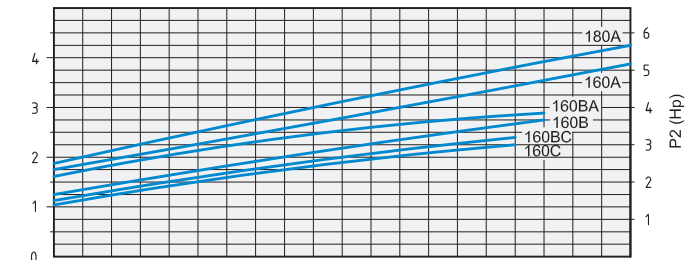
TIPO/ TYPE SCB300 - SCB400		POTENCIA NOMINAL NOMINAL POWER		POTENCIA ABSORBIDA INPUT POWER	INTENSIDAD AMPERE		Q = CAUDAL - CAPACITY										
Monofásico Single-phase	Trifásico Three-phase	P2		P1	Monofásico Single-phase	Trifásico Three-phase	m³/h	1,2	2,4	3,6	4,8	6	7,2	8,4	9,6	10,8	12
		HP	kW														
2CM 32/190C	2C 32/190C	3	2,2	3,6	16	5,7	Presión manométrica total en m.C.A. - Total head in meters w.c.										
	2C 32/190B	4	3	4,5		7,5	H (m)	63	60	58	56	54	50	46			
2CM 32/190A	2C 32/190A	5,5	4	6	29	9,3		74	72	69,5	65	63	60	56	54	49	43
								88	86	84	80	77	74	68	64	60	56

TIPO/ TYPE SCB550 - SCB750		POTENCIA NOMINAL NOMINAL POWER		POTENCIA ABSORBIDA INPUT POWER	INTENSIDAD AMPERE		Q = CAUDAL - CAPACITY										
Monofásico Single-phase	Trifásico Three-phase	P2		P1	Monofásico Single-phase	Trifásico Three-phase	m³/h	0	1,5	3	4,5	6	9	12	15	18	21
		HP	kW														
2CM 32/210D	2C 32/210D	5,5	4	6	29	9,3	Presión manométrica total en m.C.A. - Total head in meters w.c.										
	2C 32/210C	7,5	5,5	8		13	H (m)	79	78,8	78,5	77,3	75,5	70	62	50		
	2C 32/210B	10	7,5	10		16		90	89,5	89	88	87	82,5	76	60	49	
	2C 32/210A	12,5	9,2	11,5		18,5		105,5	105,3	105	104	102,5	98	91	82	68	
	2C 32/215A	15	11	13		21		117	116,8	116,5	115,5	114,5	110	103	94	82	
								120	119,8	119,5	118,5	117,5	112	105	96	84	67

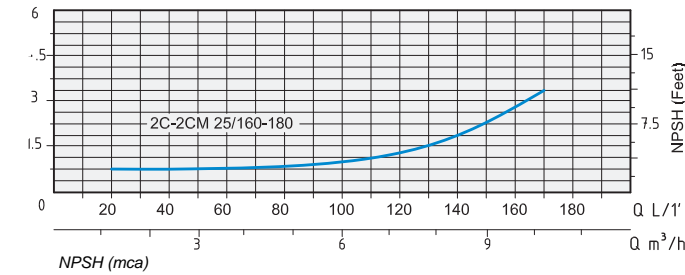
TIPO/ TYPE SCB800 - SCB1000 SCB1250 - SCB1500		POTENCIA NOMINAL NOMINAL POWER		POTENCIA ABSORBIDA INPUT POWER	INTENSIDAD AMPERE		Q = CAUDAL - CAPACITY										
Monofásico Single-phase	Trifásico Three-phase	P2		P1	Monofásico Single-phase	Trifásico Three-phase	m³/h	0	3	6	9	15	18	24	27	30	36
		HP	kW														
2CM 40/180D	2C 40/180D	5,5	4	6	29	9,3	Presión manométrica total en m.C.A. - Total head in meters w.c.										
	2C 40/180C	7,5	5,5	8		13	H (m)	60	59	58	56	50	45	34	25		
	2C 40/180B	10	7,5	10		16		71	70,7	70,5	69	64	60	50	43	35	
	2C 40/180A	12,5	9,2	11,5		18,5		87	86	85	83	78	75	65	60	51	
	2C 40/200A	15	11	13		21		93,5	93,3	93	92	87	82	71	65	58	
								96	95,8	95,5	94,5	90	86	77	71	65	48



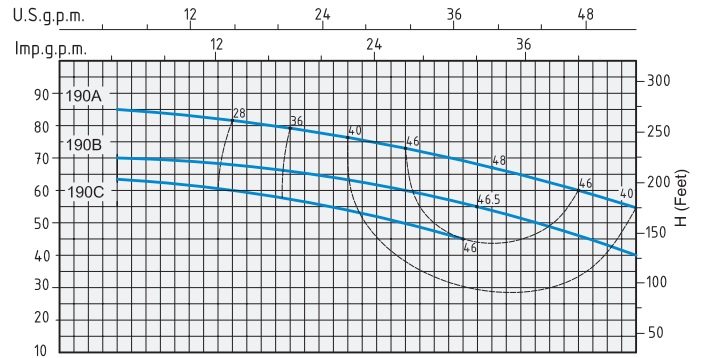
Altura Manométrica (mca)



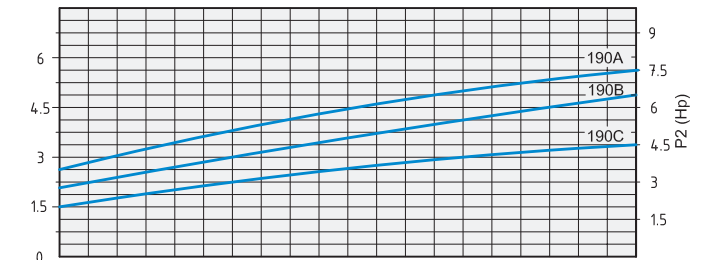
Potencia Absorbida P2 (kW)



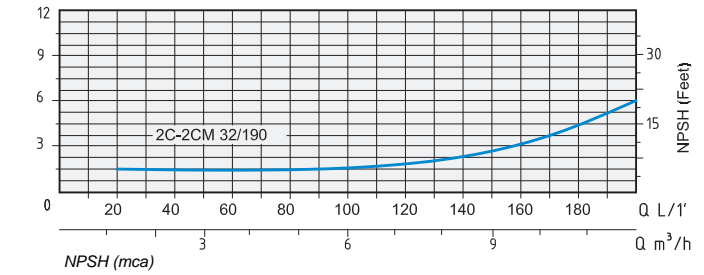
NPSH (mca)



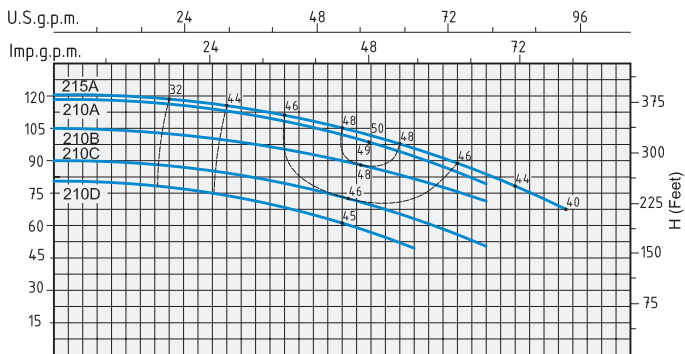
Altura Manométrica (mca)



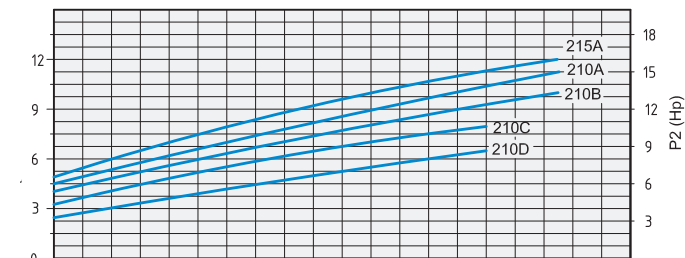
Potencia Absorbida P2 (kW)



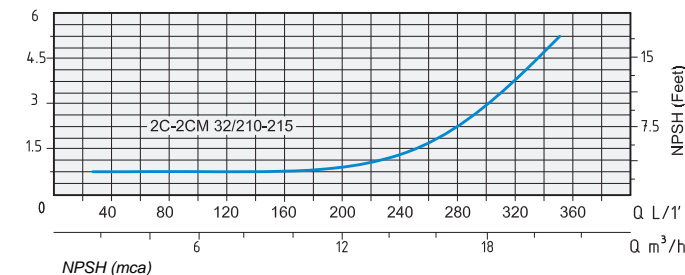
NPSH (mca)



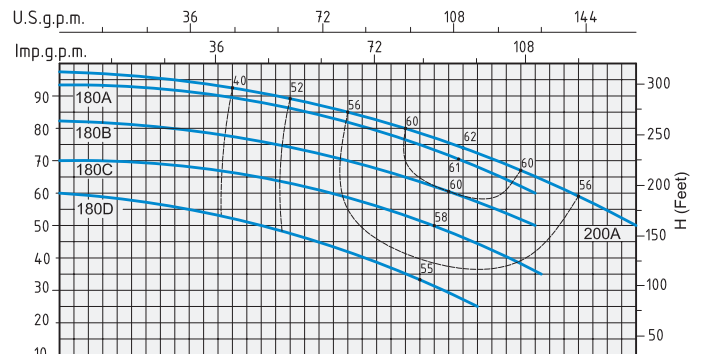
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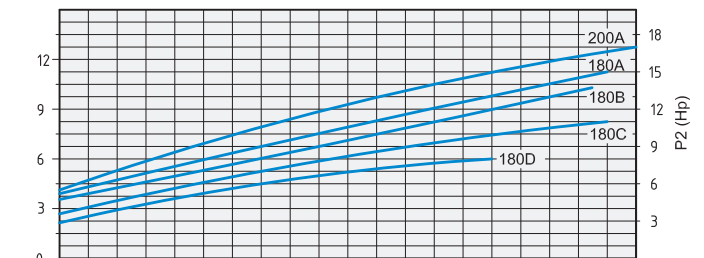
Potencia Absorbida P2 (kW)



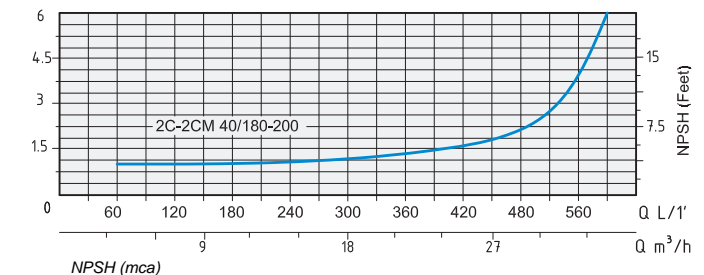
NPSH (mca)



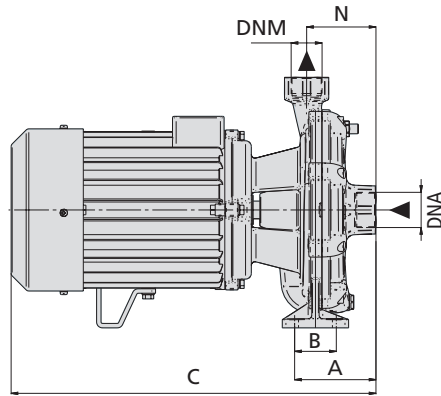
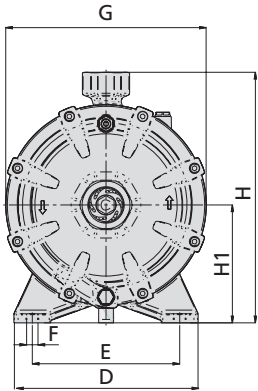
Altura Manométrica (mca)



Potencia Absorbida P2 (kW)



NPSH (mca)



REFERENCIAS MODELOS

- SCB-150 (2C 25/160C) 1,5HP /1,1 kW
- SCB-200 (2C 25/160B) 2 HP /1,5 kW
- SCB-300 (2C 32/190C) 3 HP /2,2 kW
- SCB-400 (2C 32/190B) 4 HP /3 kW
- SCB-550 (2C 32/210D) 5,5 HP /4 kW
- SCB-750 (2C 32/210C) 7,5 HP /5,5 kW
- SCB-800 (2C 40/180C) 7,5 HP /5,5 kW
- SCB-1000 (2C 40/180B) 10 HP /7,5 kW
- SCB-1250 (2C 400/180A) 12,5 HP /9,2 kW
- SCB-1500 (2C 40/200A) 15 HP /11kW

TIPO TYPE		DIMENSIONES mm - DIMENSIONS mm												DIMENSIONES DIMENSIONS mm			PESO WEIGHT
Monofásico Single-phase	Trifásico Three-phase	A	B	C	D	E	F	G	H	H1	N	DNA	DNM	P	L	H	Kg
2CM 25/160C	2C 25/160C	95	50	400	208	168	10	222	265	120	85	1" 1/4	1"	240	414	314	24,6
2CM 25/160BC		95	50	432	208	168	10	222	265	120	85	1" 1/4	1"	240	414	314	26,4
	2C 25/160B	95	50	432	208	168	10	222	265	120	85	1" 1/4	1"	240	414	314	24,6
2CM 25/160BA	2C 25/160BA	95	46	432	208	168	10	222	265	120	85	1" 1/4	1"	259	507	345	29,9
2CM 25/160A	2C 25/160A	108,5	46	440	230	190	12	246	290	132	92,5	1" 1/4	1"	259	507	345	36,1
	2C 25/180A	108,5	46	440	230	190	12	246	290	132	92,5	1" 1/4	1"	310	530	460	35,9

TIPO TYPE		DIMENSIONES mm - DIMENSIONS mm												DIMENSIONES DIMENSIONS mm			PESO WEIGHT
Monofásico Single-phase	Trifásico Three-phase	A	B	C	D	E	F	G	H	H1	N	DNA	DNM	P	L	H	Kg
2CM 32/190C	2C 32/190C	120	60	450	250	200	15	272	340	160	94	1" 1/2	1" 1/4	310	530	460	40,7
	2C 32/190B	120	60	485	250	200	15	272	340	160	94	1" 1/2	1" 1/4	310	530	460	44,9
2CM 32/190A	2C 32/190A	120	60	495	250	200	15	272	340	160	94	1" 1/2	1" 1/4	310	530	460	53,9

TIPO TYPE		DIMENSIONES mm - DIMENSIONS mm												DIMENSIONES DIMENSIONS mm			PESO WEIGHT
Monofásico Single-phase	Trifásico Three-phase	A	B	C	D	E	F	G	H	H1	N	DNA	DNM	P	L	H	Kg
2CM 32/210D	2C 32/210D	121	60	530	280	225	15	300	375	160	107	2"	1" 1/4	342	620	475	60
	2C 32/210C	121	60	575	280	225	15	300	375	160	107	2"	1" 1/4	342	620	475	70,6
	2C 32/210B	121	60	575	280	225	15	300	375	160	107	2"	1" 1/4	342	620	475	75,4
	2C 32/210A	121	60	575	280	225	15	300	375	160	107	2"	1" 1/4	372	805	550	91,1
	2C 32/215A	121	60	612	280	225	15	300	375	160	107	2"	1" 1/4	372	805	550	96,1

TIPO TYPE		DIMENSIONES mm - DIMENSIONS mm												DIMENSIONES DIMENSIONS mm			PESO WEIGHT
Monofásico Single-phase	Trifásico Three-phase	A	B	C	D	E	F	G	H	H1	N	DNA	DNM	P	L	H	Kg
2CM 40/180D	2C 40/180D	126	60	535	280	225	15	300	375	160	116	2"	1" 1/2	342	620	475	60,9
	2C 40/180C	126	60	580	280	225	15	300	375	160	116	2"	1" 1/2	342	620	475	71,2
	2C 40/180B	126	60	580	280	225	15	300	375	160	116	2"	1" 1/2	342	620	475	72,6
	2C 40/180A	126	60	580	280	225	15	300	375	160	116	2"	1" 1/2	372	805	550	94,1
	2C 40/200A	126	60	612	280	225	15	300	375	160	116	2"	1" 1/2	372	805	550	97,1