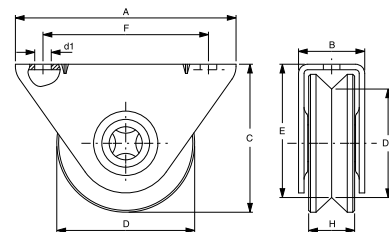


ROLA ZINCATA APLICATA CU RULMENT

pe sina "semicerc"

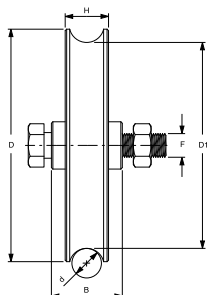
Cod	D	D1	d	A	B	C	E	d1	F	H	Kg	⊙
101/16	75	60	16	120	36	80	74	8.5	90	25	200	1
101/20	75	57	20	120	36	80	74	8.5	90	25	200	1
127/16	100	82	16	140	38	107	100	8.5	108	25	400	2
127/20	100	80.5	20	140	38	107	100	8.5	108	25	400	2



ROLA ZINCATA APLICATA CU RULMENT

pe sina "V"

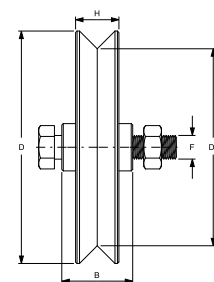
Cod	D	D1	A	B	C	E	d1	F	H	Kg	⊙
101.60	60	46	80	26	66	59	6.5	62	17	100	1
101	75	60	120	36	80	74	8.5	90	25	200	1
127	100	83	140	38	107	100	8.5	108	25	400	2



ROLA ZINCATA CU RULMENT

pe sina "semicerc"

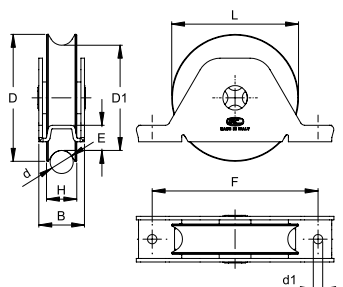
Cod	D	D1	d	B	H	F	Kg	⊙
301/16	60	46	16	24	21	10	100	1
303/16	75	60	16	24	21	12	150	1
305/20	90	73.5	20	34	21	12	170	1



ROLA ZINCATA CU RULMENT

pe sina "V"

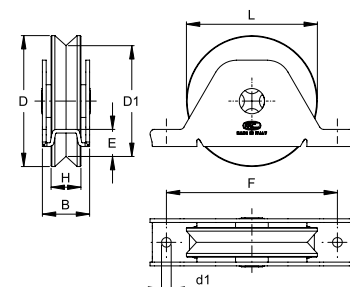
Cod	D	D1	B	H	F	Kg	⊙
301	60	48	24	17	10	100	1
303	75	65	24	18	12	150	1
305	90	75	34	20	12	170	1
405	100	84	34	22	12	200	1



ROLA ZINCATA SEMIINGROPATA CU RULMENT

pe sina "semicerc"

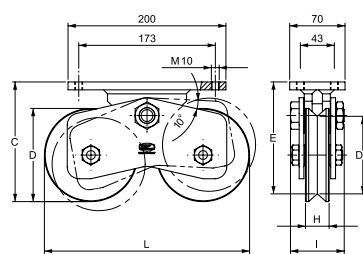
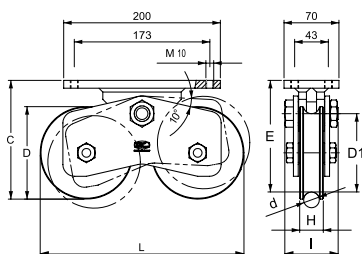
Cod	D	D1	d	B	H	E	L	F	d1	Kg	⊙
728.75	75	60	16	29	21	15	85	105	9	200	1
733.90/16	90	73	16	33	20	17	97	115	6.5	200	1
733.90/20	90	72	20	33	20	17	97	115	6.5	200	1
733.120/16	120	103	16	38	25	24	130	150	9	400	2
733.120/20	120	102	20	38	25	23	130	150	9	400	2



ROLA ZINCATA SEMIINGROPATA CU RULMENT

pe sina "V"

Cod	D	D1	B	H	E	L	F	d1	Kg	⊙
726.75	75	65	29	18	15	85	105	9	180	1
731.90	90	75	33	20	18	97	115	6.5	200	1
731.120	120	103	38	25	23	130	150	9	400	2



SISTEM ROLE ZINCATE CU RULMENT

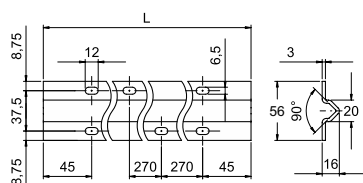
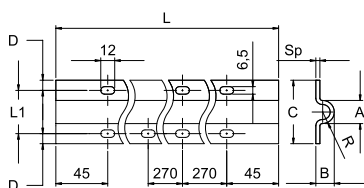
pe sina **"semicerc"**

Cod	D	D1	C	E	H	I	L	d	Kg	⊙
743.120	120	100	151	142	30	68	260	20	900	4
743.160	160	140	195	186	32	78	370	20	1240	4

SISTEM ROLE ZINCATE CU RULMENT

pe sina "V"

Cod	D	D1	C	E	H	I	L	Kg	⊙
741.120	120	98	151	141	30	68	260	900	4
741.160	160	138	195	185	32	78	370	1240	



SINA APLICATA PE BETON

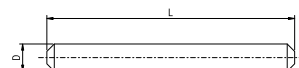
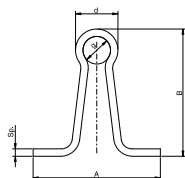
sina **"semicerc"**

Cod	A	B	C	D	L1	R	Sp	L(m)
716/Z3F	16	16	53	8.5	33	8	3	3
716/ZF	16	16	53	8.5	33	8	3	6
720/Z3F	20	16	55	8.7	37.5	10	3.5	3

SINA APLICATA PE BETON

sina "V"

Cod	L(m)
701/Z3F	3
701/ZF	6



SINA ZINCATA INGROPATA

sina "semicerc"

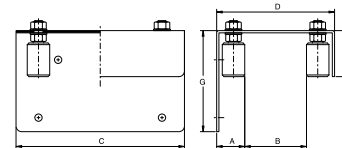
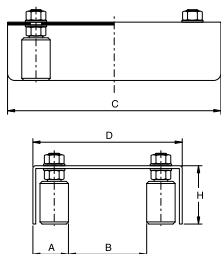
Cod	A	B	d	g	Sp	L(m)
816/Z3	50	50	16	11	2.5	3
820/Z	60	60	20	13	3.5	6

BOLT CONECTARE SINA INGROPATA

Cod	D	L(mm)
816G	11	100
820G	13	100



Accesorii pentru Porti Culisante

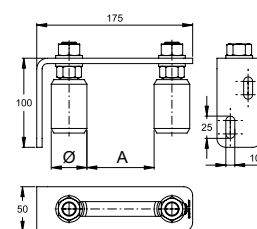
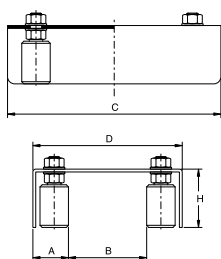


GHIDAJ SUPERIOR REGLABIL

Cod	A	B	C	D	H
222	40-110	0-70	200	150	60
223	50-160	0-110	300	210	82

GHIDAJ SUPERIOR REGLABIL CU PLACA LUNGA DE FIXARE

Cod	A	B	C	D	G	H
222L	40-110	0-70	220	150	120	60
223L	50-160	0-110	300	210	180	82

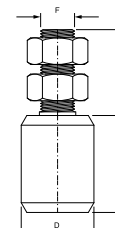
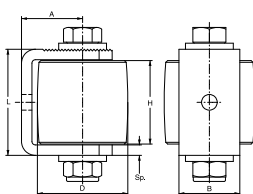


GHIDAJ SUPERIOR REGLABIL

Cod	A	B	C	D	H
225.4.17	40-110	0-102	220	180	60

GHIDAJ SUPERIOR REGLABIL

Cod	A	Ø
224L	75	40
212.0	95	30

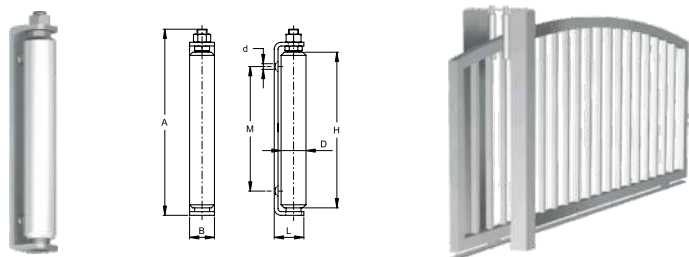


ROLA TEFLON REGLABILA

Cod	D	H	A	L	B	Sp
166.S	52	48	35-43	61	35	6

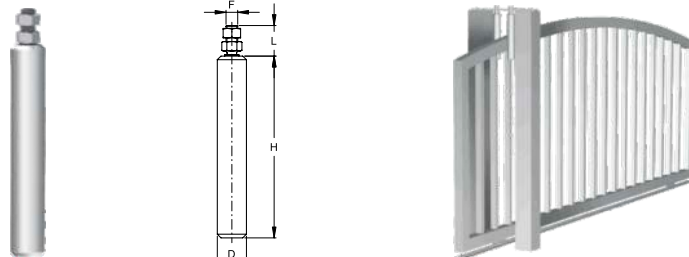
ROLA TEFLON

Cod	D	H	L	F
113	25	32	30	M14
114	40	44	37	M16
117	30	40	34	M14
118	40	60	41	M16



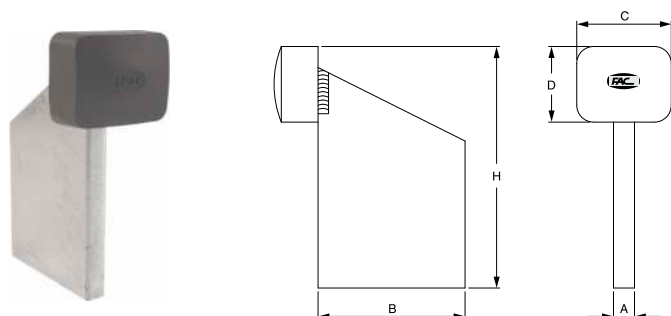
ROLA LUNGA CU PLACA DE FIXARE, TEFLON

Cod	D	H	A	B	L	M	d
118.5	40	250	299	40	51	200	9



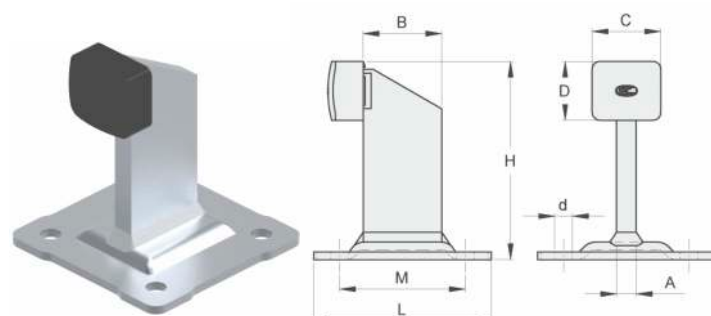
ROLA LUNGA TEFLON

Cod	D	H	L	F
118.4	40	250	42	16



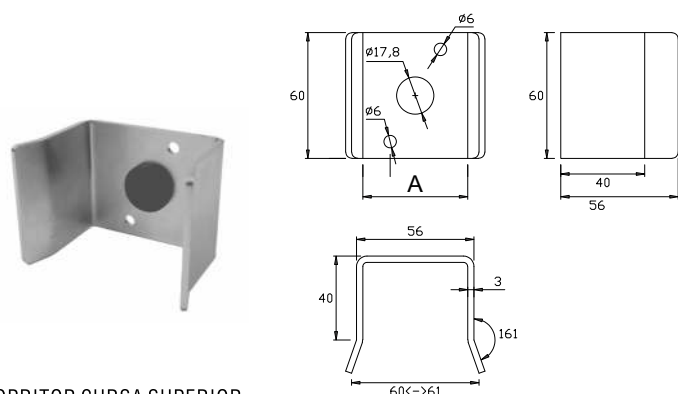
OPRITOR CURSA

Cod	A	B	C	D	H
115	8	50	35	30	92
116	10	70	45	36	115



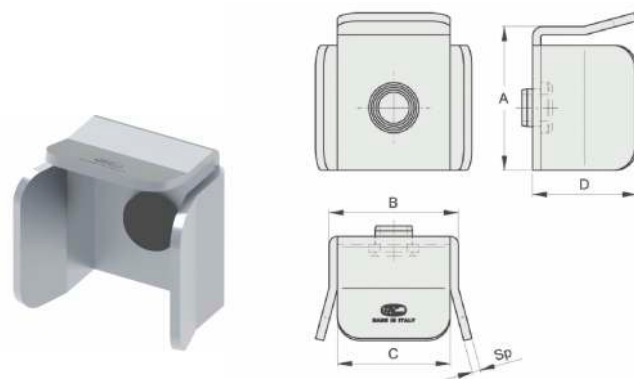
OPRITOR CURSA CU PLACA DE FIXARE

Cod	A	B	C	D	H
115P	10	40	35	30	101



OPRITOR CURSA SUPERIOR

Cod	A
550.40	50
550.50	70

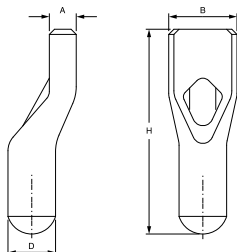


OPRITOR CURSA SUPERIOR

Cod	C
357.40	44
357.50	54
357.60	64

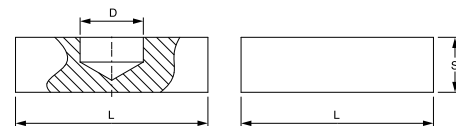
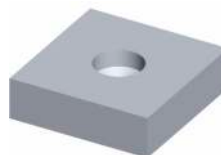


Accesorii pentru Porti Batante



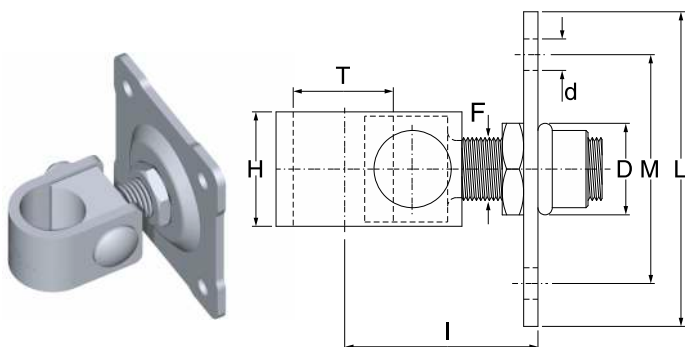
PIVOT

Cod	D	A	B	H
120	20	10	30	89
121	23	12	32	98
124	28	15	38	105



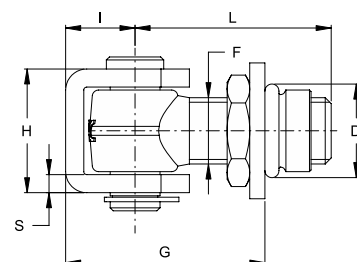
PLACA PIVOT

Cod	L	D	s
122	60	20	15
123	70	23	20
125	80	28	20



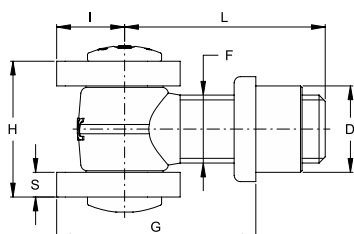
BALAMA REGLABILA, FIXARE CU SURUB, PLACA DE FIXARE

Cod	F	H	T	I	D	d	L	M
241.18	M18	35	30	50-70	28	9	90X90	64X64
241.22	M22	40	35	55-76	32	11	110X110	80X80
241.27	M27	45	40	65-85	39	13	130X130	90X90



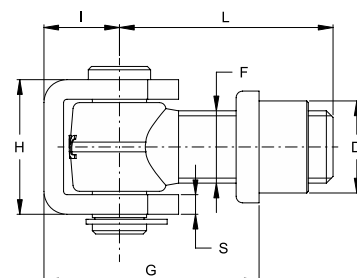
BALAMA REGLABILA, FIXARE CU SURUB

Cod	F	H	S	I	L	G	F
230.18C	M18	39	6	21	55	50-60	28
230.20C	M20	39	6	21	60	51-66	28
230.22C	M22	41	6	23	65	55-72	32



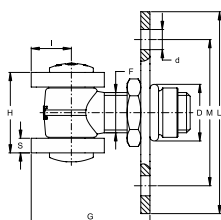
BALAMA FIXA SUDABILA

Cod	F	H	S	I	L	G	D
432	M18	40	6	19	55	MIN. 41	23
432.20	M20	40	6	19	60	MIN. 46	25
435	M22	45	6	23	65	MIN. 47	28



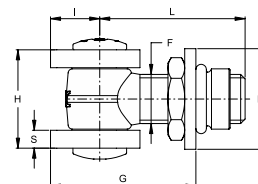
BALAMA FIXA, FIXARE CU SURUB

Cod	F	H	S	I	L	G	D
432C	M18	39	6	21	55	MIN. 41	23
432C.20	M20	39	6	21	60	MIN. 45	25
435C	M22	41	6	23	65	MIN. 47	28



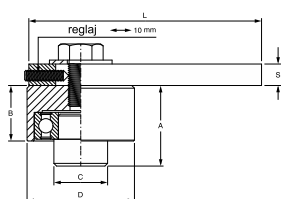
BALAMA SUDABILA, REGLABILA CU PLACA DE FIXARE

Cod	F	H	S	I	G	D	d	L	M
231.18	M18	40	6	19	50-60	28	9	90X90	64X64
231.20	M20	40	6	19	51-66	28	9	90X90	64X64
231.22	M22	45	8	23	55-72	32	11	110X110	80X80



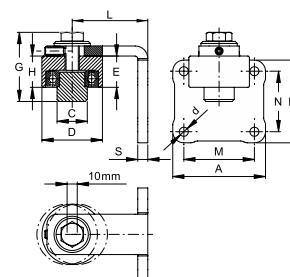
BALAMA REGLABILA. SUDABILA

Cod	F	H	S	I	L	G	D
230.18	M18	40	6	19	55	50-60	28
230.20	M20	40	6	19	60	51-66	28
230.22	M22	45	8	23	65	55-72	32



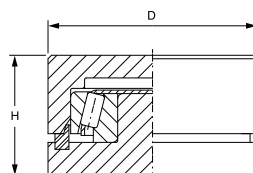
BALAMA SUPERIOARA PE RULMENT

Cod	D	L	S	A	B	C
260.40	40	90	8	30	21	25
260.50	50	100	10	37	26	30
260.60	60	130	12	45	31	30



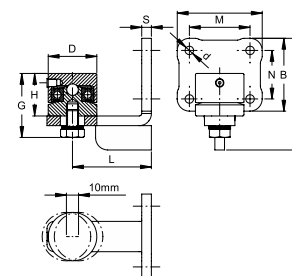
BALAMA SUPERIOARA PE RULMENT CU PLACA DE FIXARE

Cod	A	B	C	D	E	G	H	L	M	N	S	d
262.40	70	60	25	40	30	47	21	60-70	50	40	8	7
262.50	82	72	30	50	37	55	26	60-72	60	50	8	9
262.60	92	82	30	60	45	66	31	69-79	70	60	10	9
262.70	109	94	35	70	46	69	32	80-90	85	70	10	11



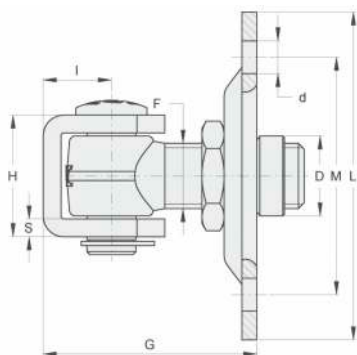
BALAMA INFERIOARA PE RULMENT

Cod	D	H
265.40	40	35
265.50	50	35
265.60	60	35



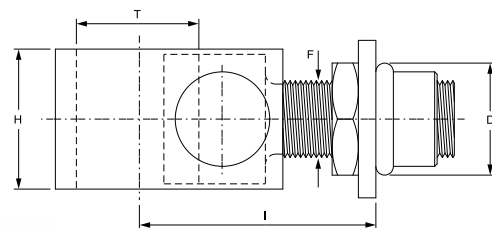
BALAMA INFERIOARA PE RULMENT CU BILA SI PLACA DE FIXARE

Cod	A	B	D	G	H	L	M	N	S	d
267.40	70	60	40	51	35	60-70	50	40	8	7
267.50	82	72	50	50	32	62-72	60	50	8	9
267.60	92	82	60	55	35	69-79	70	60	10	9
267.70	109	94	70	63	40	80-90	85	70	10	11



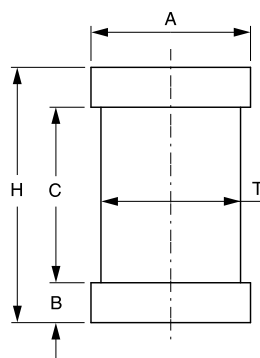
BALAMA REGLABILA, FIXARE CU SURUB, PLACA DE FIXARE

Cod	F	H	S	I	G	D	d	L	M
231.18C	M18	39	6	21	50-60	28	9	90X90	64X64
231.20C	M20	39	6	21	51-66	28	9	90X90	64X64
231.22C	M22	41	6	23	55-72	32	11	110X110	80X80



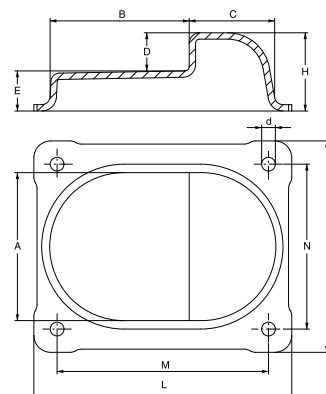
BALAMA REGLABILA FARA PLACA DE FIXARE

Cod	F	H	T	I	D
240.18	M18	35	30	50-65	28
240.22	M22	40	35	55-76	32
240.27	M27	45	40	65-85	39



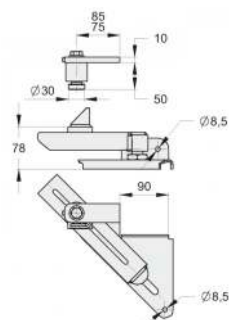
PIVOT PENTRU BALAMA REGLABILA

Cod	T	H	A	B	C
247.18	30	69	35	14.5	40
247.22	35	80	40	17.5	45
247.27	40	80	50	15	50



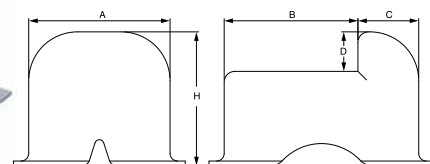
OPRITOR PORTI BATANTE, APLICAT

Cod	A	B	C	D	E	H	d	L	I	M	N
145F	70	66	34	18	19	37	6.5	122	100	100	78
146F	90	90	40	21	23	44	8.5	157	130	129	102



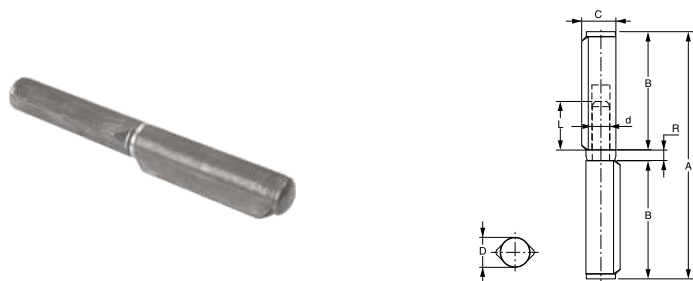
BALAMA PORTI BATANTE IN PANTA

Cod
KC4601.L40
KC4601.R40



OPRITOR PORTI BATANTE, INGROPAT

Cod	A	B	C	D	H
146	90	90	40	21	86



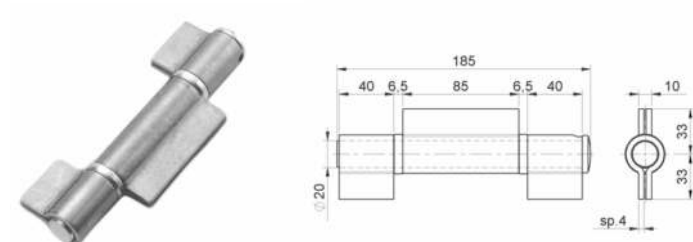
BALAMA SUDABILA PE BUCSA

Cod	C	d	R	D	A
255.100	16	7	2	14	100
255.140	20	9	3	16	140



BALAMA SUDABILA PE RULMENT

Cod	A	B	C	R	D	d	L
254.18	140	68	19.70	6	17.25	10	30
254.22	150	74	24.50	7	21.75	14	35



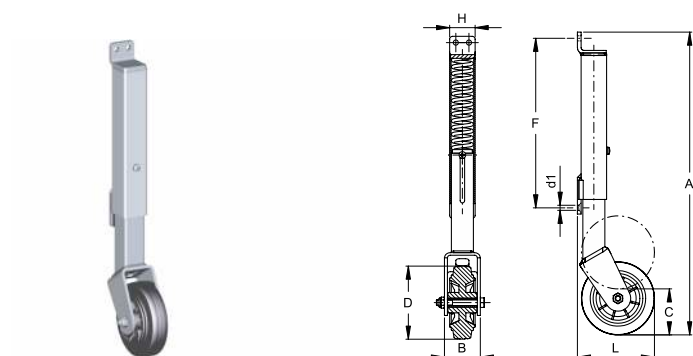
BALAMA SUDABILA PE RULMENT, CU ARIPI

Cod
160.180



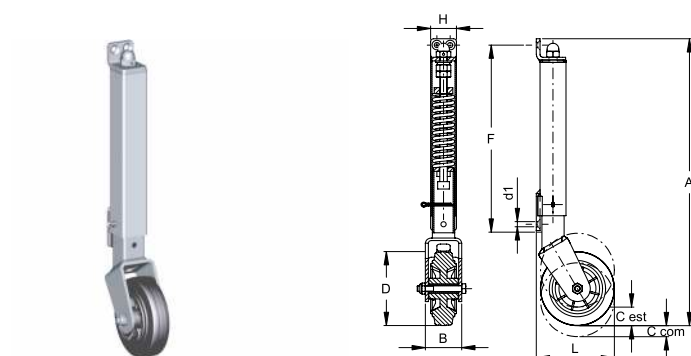
BALAMA SUDABILA PE RULMENT, CU ARIPI

Cod	A	B	C	E	D	d	Sp	R
150.90	90	40	48	68	28	19.80	4	7



ROLA CAPAT PORTI BATANTE

Cod	D	H	B	A	C	L	F	d1	Kg
755.100	100	35	43	351-414	63	105.5	232.5	7	80
755.125	125	50	50	410-507	67	131	298	9	250

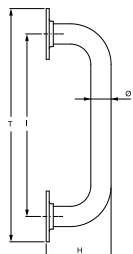


ROLA CAPAT PORTI BATANTE

Cod	D	H	B	A	C _{est}	C _{com}	L	F	Kg
750.100	100	35	43	387	25	15	106	242	80
750.125	125	50	50	529	47	19.5	131	332	250

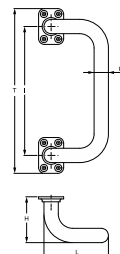


Accesorii pentru Usi Glisante



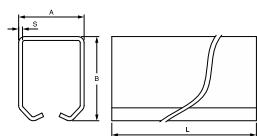
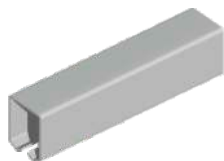
MANER APLICAT

Cod	Ø	I	H	T
561	20	180	64	230
564	28	280	80	345
571	20	180	64	230
574	28	280	80	345



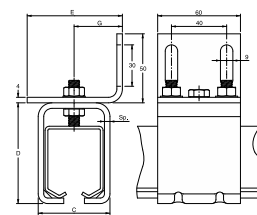
MANER COTIT APLICAT

Cod	Ø	I	H	L
562	20	180	64	90
572	20	180	64	90



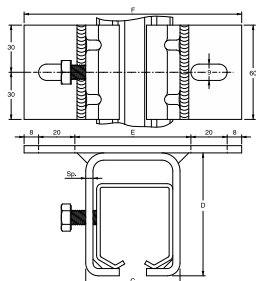
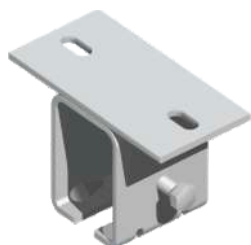
SINA ZINCATA

Cod	A	B	S	L(m)
P.RF/24.3	33	31	2	3
P.RF/24	33	31	2	6
P.RF/45.3	42	54	2.5	3
P.RF/45	42	54	2.5	6
P.RF/55.3	57	67	3	3
P.RF/55	57	67	3	6



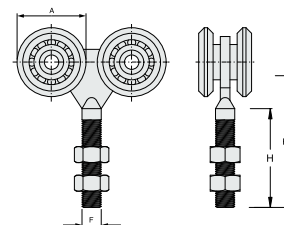
SUPORT SINA (MONTARE PE PERETE)

Cod	C	D	E	G	Sp
SP24	41	48	59	21-41	3
SP45	52	73	69	25-45	4
SP55	66	88	79	35-52	4



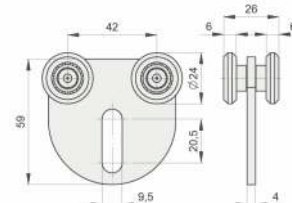
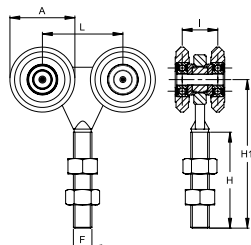
SUPORT SINA (MONTARE PE TAVAN)

Cod	C	D	E	F	Sp
SS24	41	48	54	110	3
SS45	52	73	64	120	4
SS55	66	88	74	130	4



ROLA PE BILE

Cod	A	F	H	H1	Kg
4RF/24	24	M8	30	50	50
4RF/45	45	M12	60	95	100
4RF/55	55	M20	80	130	200

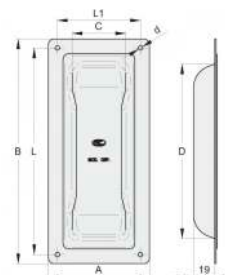
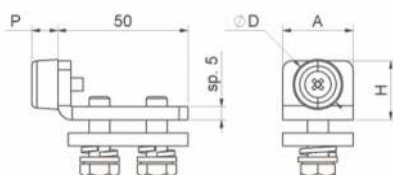


ROLA PE RULMENT

Cod	A	F	H	H1	Kg	⊙
4RC/45	45	M12	60	95	300	4
4RC/55	55	M20	80	130	600	4

SISTEM CU 4 ROLE GLISANT

Cod	Finisare
24.3	zinc

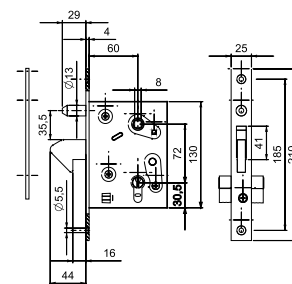
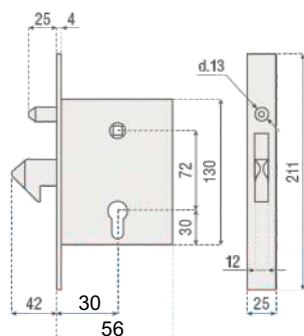


OPRITOR CURSA

Cod	A	H	ØD	P
921P	27	22.5	Ø19	10
921G	50	39	Ø29	12

MANER ZINCAT INGROPAT

Cod	A	B	C	D	d	L	L1
501/F	90	200	50	165	4	184	74
511/F	52	115	29	94	3	105	42



YALA MICA (BUTUC, CONTRAPLACA INCLUSE)

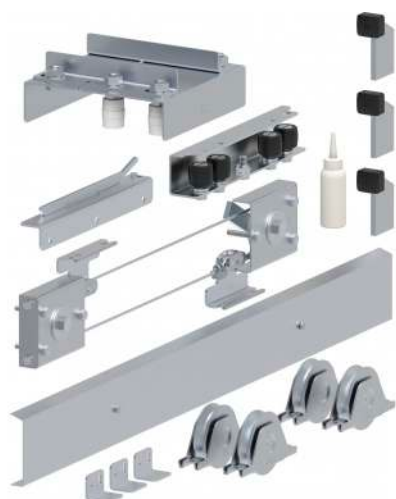
Cod
910.30

YALA (BUTUC, CONTRAPLACA INCLUSE)

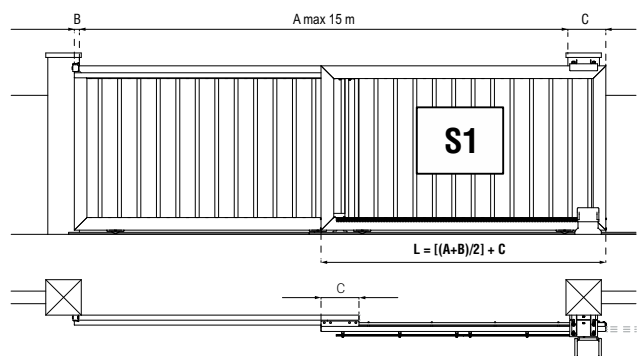
Cod
350



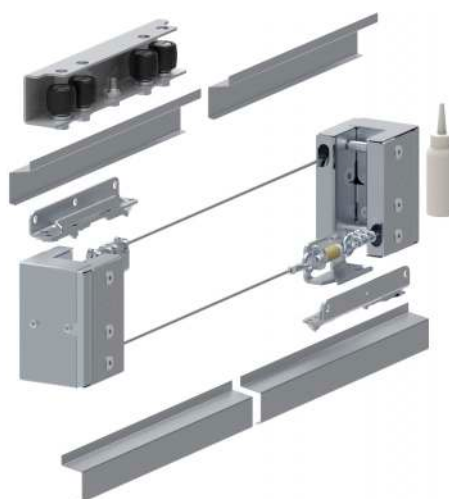
KIT TELESCOPIC 2 FOI



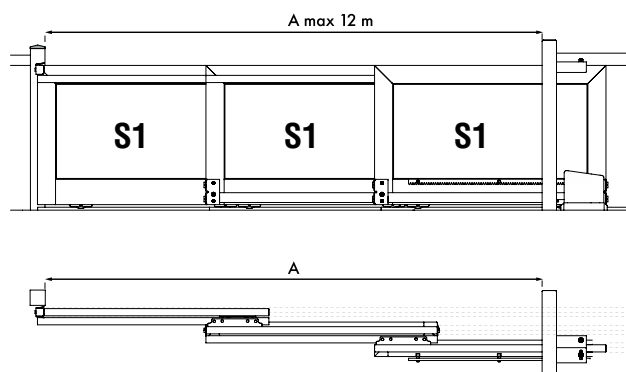
Cod	Gol util	S1 max
KA5100.104	4 m	300 kg
KA5100.108	8 m	300 kg
KA5100.111	11 m	400 kg
KA5100.115	15 m	400 kg



KIT TELESCOPIC 3 FOI



Cod	Gol util	S1 max
KA5102.002	6 m	200 kg
KA5102.004	12 m	200 kg





Kit Bi-folding / Bi folding HD



KC7101.160

max 5 m



Ø 50

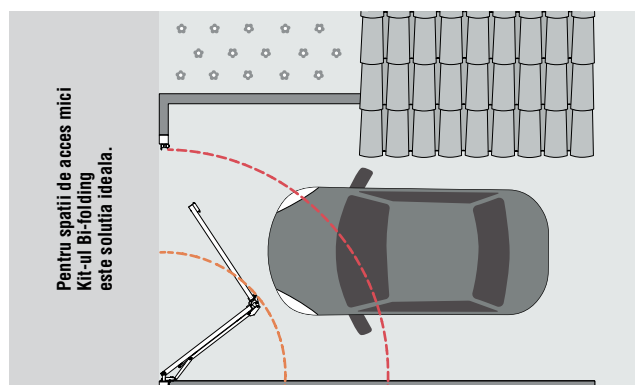
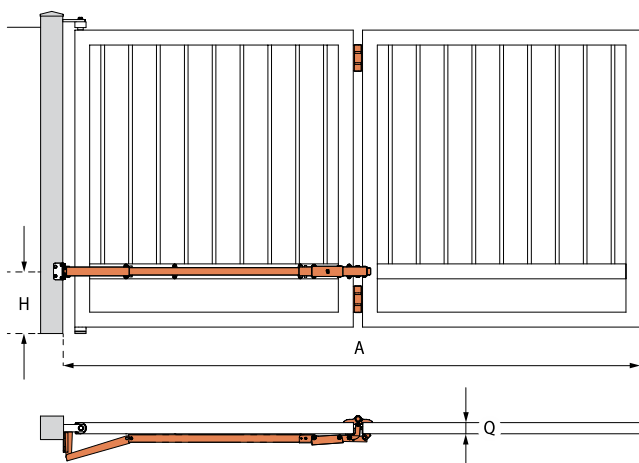


KC7110.180

max 8 m



Ø 90

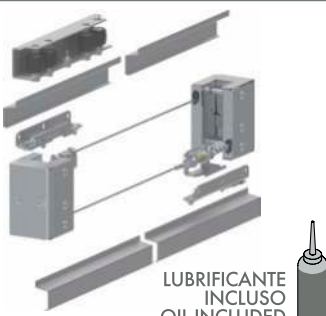




KD2150.100

max 8 m

max 500 kg

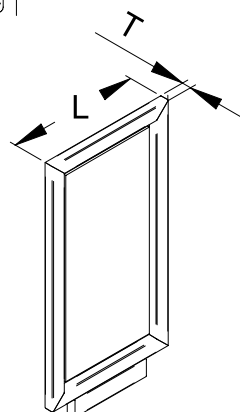
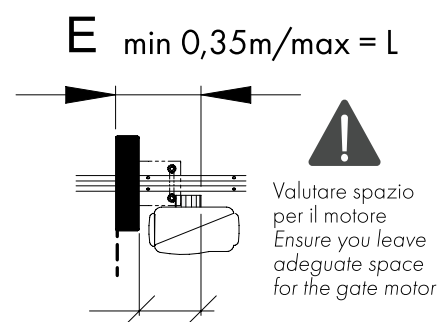
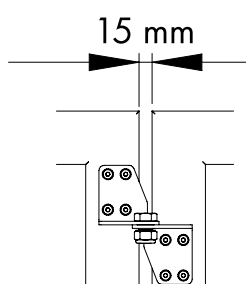
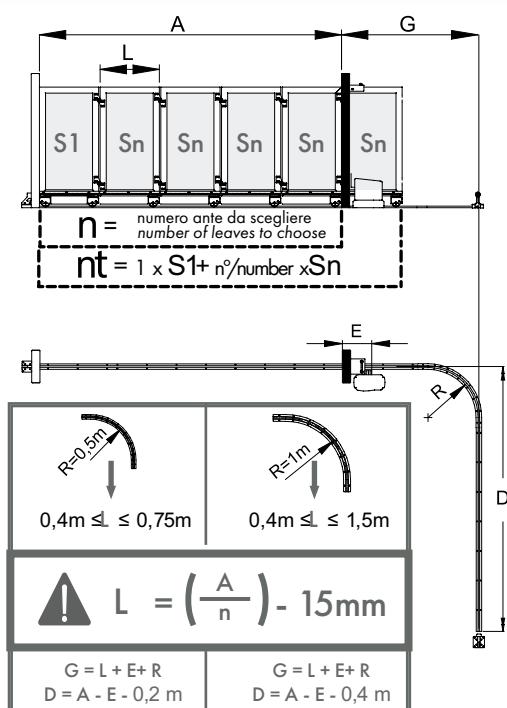
 LUBRIFICANTE INCLUSO OIL INCLUDED			
KA5102 1x	KD3100 1x	VD2200 1x	VD2100 1x
			
VD2501 2x	VD2500 2x	VA4101 1x	



KIT RADIUS	Rola fixa	Ghidaj superior	Opritor cursa	Raza de curbura	Balama foi intermediare	Rola pivotanta	Rola pivotanta	Pret
KA8103.100	2x	1x	2x	1 x 1 m				
KA8103.050	2x	1x	2x	1 x 0,5 m				
KA8103.001					2x	1x		

716/Z3F

3 m

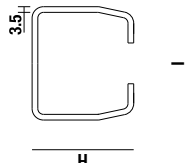


SERIA 900 Poarta: G= 400 Kg / L max = 5 m



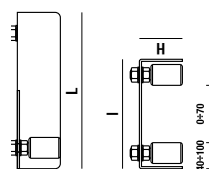
+ SINA ZINCATA
RANFORSATA

COD	P53MZ
Lungime / L	6 (m)
Inaltime / H	60
Latime / I	70



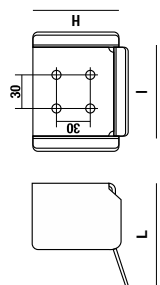
+ GHIDAJ SUPERIOR
REGLABIL

COD	222
Lungime / L	200
Inaltime / H	60
Latime / I	150



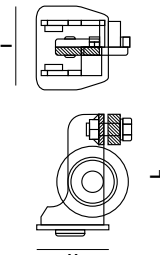
+ OPRITOR
CAPAT CURSA

COD	930
Lungime / L	104
Inaltime / H	89
Latime / I	97



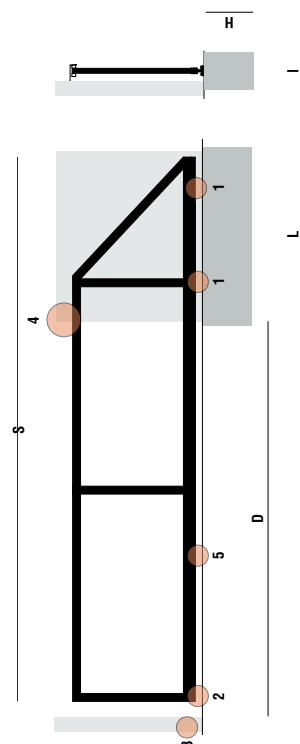
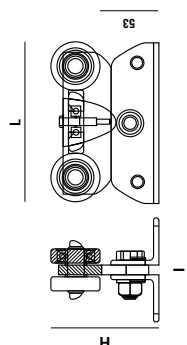
+ RULMENT
CAPAT SINA

COD	920
Lungime / L	97
Inaltime / H	76
Latime / I	70



+ SISTEM
ROLE

COD	910S
Lungime / L	170
Inaltime / H	113
Latime / I	100



LEGENDA

- L x H x I : Dimensiuni fundatie
D : Deschidere poarta
1 : Sistem cu 5 role transport
2 : Rulment capat sina
3 : Opritor capat cursa
4 : Ghidaj superior reglabil
5 : Sina zincata ranforsata

FUNDATIE (m)

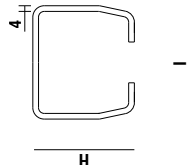
D	S	Lungime (L)	Adancime (H)	Latime (I)
4	6	2.5	0.9	0.5
5	7.5	3	0.9	0.5

SERIA 1000 Poarta: G= 800 Kg / L max = 7 m



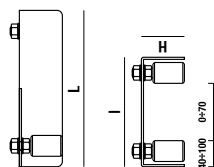
+ SINA ZINCATA RANFORSATA

COD	P75MZ
Lungime / L	9 (m)
Inaltime / H	84
Latime / I	92



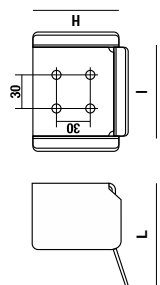
+ GHIDAJ SUPERIOR REGLABIL

COD	222
Lungime / L	200
Inaltime / H	60
Latime / I	150



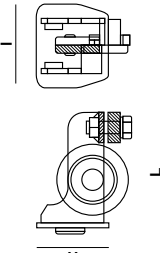
+ OPRITOR CAPAT CURSA

COD	1030
Lungime / L	126
Inaltime / H	120
Latime / I	131



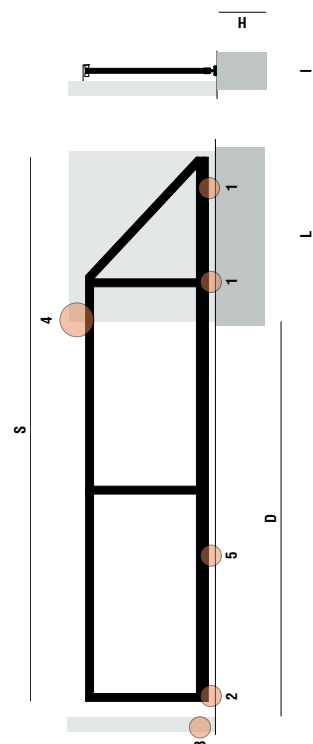
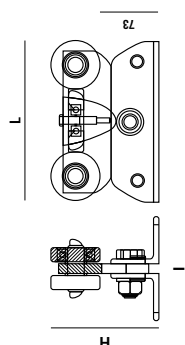
+ RULMENT CAPAT SINA

COD	1020
Lungime / L	125
Inaltime / H	104
Latime / I	92



+ SISTEM ROLE

COD	1010
Lungime / L	235
Inaltime / H	157
Latime / I	155



- LEGENDA**
- L x H x I : Dimensiuni fundatie
- D : Deschidere poarta
- 1 : Sistem cu 5 role transport
- 2 : Rulment capat sina
- 3 : Opritor capat cursa
- 4 : Ghidaj superior reglabil
- 5 : Sina zincata ranforsata

FUNDATIE (m)

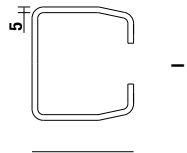
D	S	Lungime (L)	Adancime (H)	Latime (I)
6	9	3.5	0.9	0.5
7	10	3.5	0.9	0.5

SERIA 2000 Poarta: G= 1200 Kg / L= 10 m



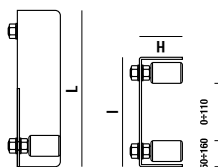
+ SINA ZINCATĂ
RANFORSATĂ

COD	P100MZ
Lungime / L	12 (m)
Înălțime / H	110
Latime / l	97



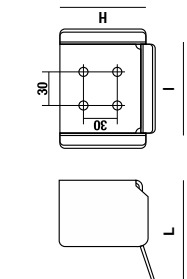
+ GHIDAJ SUPERIOR
REGLABIL

COD	223
Lungime / L	300
Înălțime / H	60
Latime / l	150



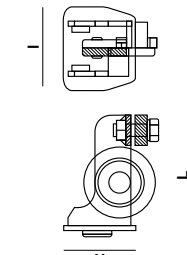
+ OPRITOR
CAPAT CURSA

COD	2030
Lungime / L	131
Înălțime / H	130
Latime / l	141



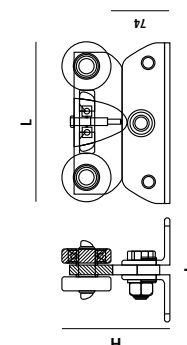
+ RULMENT
CAPAT SINA

COD	2020
Lungime / L	130
Înălțime / H	104
Latime / l	100



+ SISTEM
ROLE

COD	2010
Lungime / L	288
Înălțime / H	184
Latime / l	155

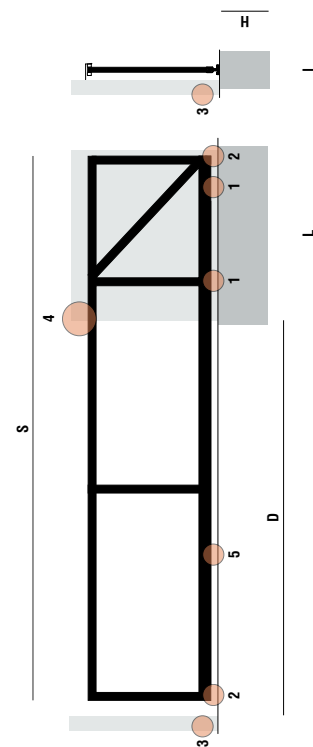


FUNDATIE (m)

D	S	Lungime (L)	Adâncime (H)	Latime (l)
9	13	4.5	0.9	0.5
11	16	6	0.9	0.5

LEGENDA

- L x H x l : Dimensiuni fundație
D : Deschidere poartă
1 : Sistem cu 5 role transport
2 : Rulment capat sina
3 : Opritor capat cursa
4 : Ghidaj superior reglabil
5 : Sina zincată ranforsată



SERIA 2000H Poarta: G= 2500 Kg / L max = 20 m



SINA ZINCATA
COD P100MZ
6 m



GHIDAJ SUPERIOR REGLABIL
COD 223
1 buc



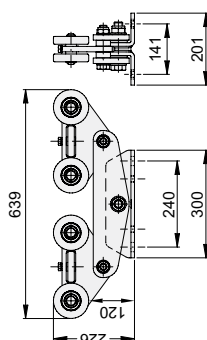
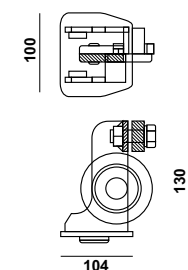
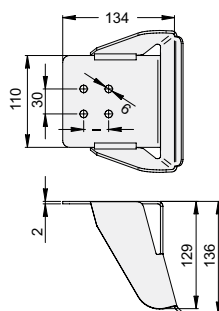
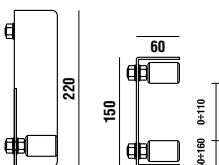
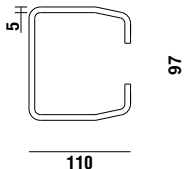
OPRITOR CAPAT CURSA
COD 2030
2 buc



RULMENT CAPAT SINA
COD 2020
2 buc



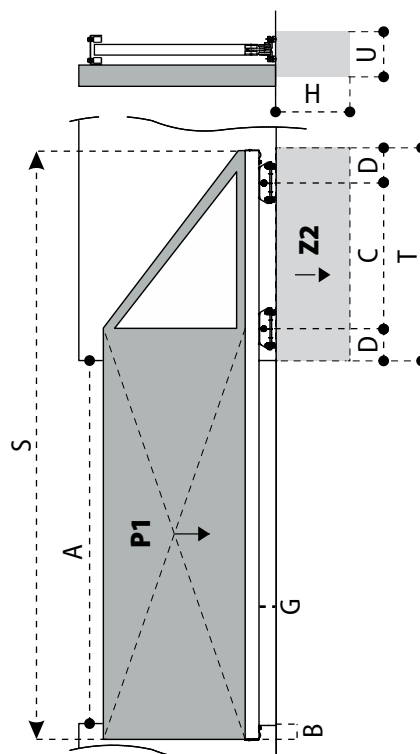
SISTEM ROL
COD 2010
2 buc



A max. 20m - greutate maxima: 2500 Kg

SERIA 2000H

A (m)	C (m)	S (m)	P1 CUn (Kg)	Z2 NUUn (Kg)	P (KgxML)	TxUxH min (m)	Date Constante
8	2,975	12	2300	6000	175	4,2x1x0,8	F1 max [KG]:4000
10	3,975	15	2300	6000	137	5,2x1x0,8	D [m]: 0,435
12	4,975	18	2350	6000	114	6,2x1x0,8	B [m]: 0,155
14	5,975	21	2350	6000	96	7,2x1x0,8	G min [m]: 0,12
16	6,975	24	2400	6000	84	8,2x1x0,8	E min [m]: 0,6
18	7,975	27	2450	6000	75	9,2x1x0,8	S=1,5 x A
20	8,975	30	2500	6000	65	10,2x1x0,8	





FAC Accesorii pentru Porti Autoportante

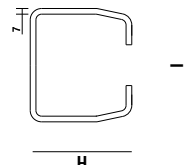


SERIA 3000 Poarta: G= 1800 Kg / L= 18 m



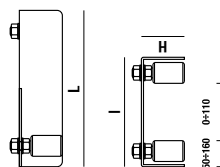
+ SINA ZINCATA
RANFORSATA

COD	P140MZ
Lungime / L	18 (m)
Inaltime / H	152
Latime / I	140



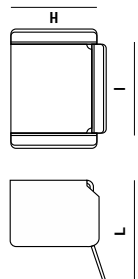
+ GHIDAJ SUPERIOR
REGLABIL

COD	223
Lungime / L	300
Inaltime / H	82
Latime / I	210



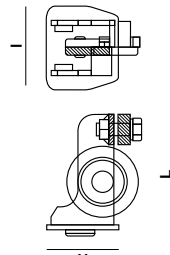
+ OPRITOR
CAPAT CURSA

COD	3030
Lungime / L	169
Inaltime / H	170
Latime / I	181



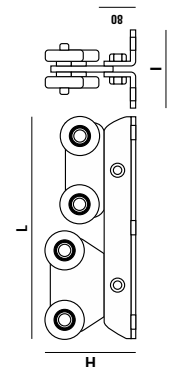
+ RULMENT
CAPAT SINA

COD	3020
Lungime / L	156
Inaltime / H	172
Latime / I	140



+ SISTEM
ROLE

COD	3010
Lungime / L	580
Inaltime / H	233
Latime / I	200

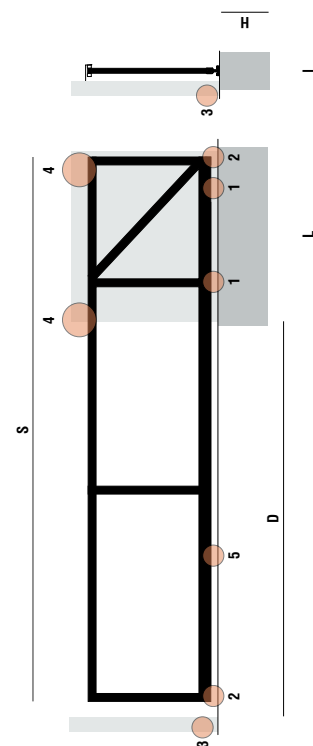


FUNDATIE (m)

D	S	Lungime (L)	Adancime (H)	Latime (I)
12	18	5.2	0.9	1
15	24	10	0.9	1

LEGENDA

- L x H x I : Dimensiuni fundatie
D : Descidere poarta
1 : Sistem cu 10 role transport
2 : Rulment capat sina
3 : Opritor capat cursa
4 : Ghidaj superior reglabil
5 : Sina zincata ranforsata



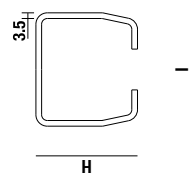


SERIA 5000 Poarta: G= 200 Kg / L max = 4 m



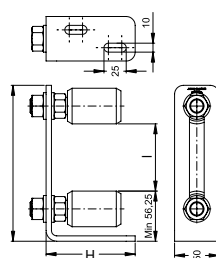
+ SINA ZINCATA
RANFORSATA

COD	P50Z
Lungime / L	6 (m)
Inaltime / H	60
Latime / I	60



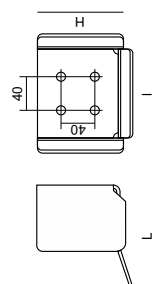
+ GHIDAJ SUPERIOR
REGLABIL

COD	212.0
Lungime / L	175
Inaltime / H	100
Latime / I	max. 90



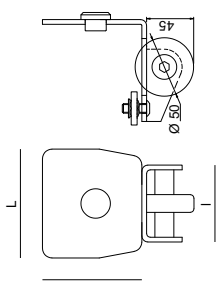
+ OPRITOR
CAPAT CURSA

COD	5030
Lungime / L	115
Inaltime / H	91
Latime / I	80



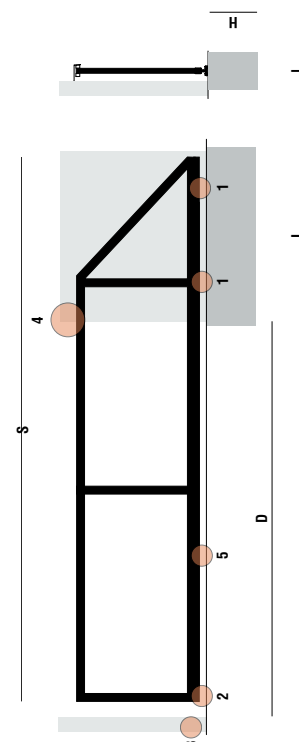
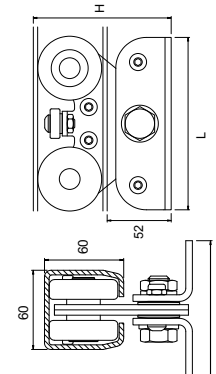
+ RULMENT
CAPAT SINA

COD	5020
Lungime / L	60
Inaltime / H	60
Latime / I	44



+ SISTEM
ROLE

COD	5010
Lungime / L	140
Inaltime / H	112
Latime / I	105



LEGENDA

- L x H x I : Dimensiuni fundatie
D : Deschidere poarta
1 : Sistem cu 6 role transport
2 : Rulment capat sina
3 : Opritor capat cursa
4 : Ghidaj superior reglabil
5 : Sina zincata ranforsata

FUNDATIE (m)

D	S	Lungime (L)	Adancime (H)	Latime (I)
3	5	2	0.9	0.5
4	6	2.5	0.9	0.5



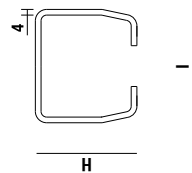
Greystir Accesorii pentru Porti Autoportante

SERIA 6000 Poarta: G= 600 Kg / L= 6 m



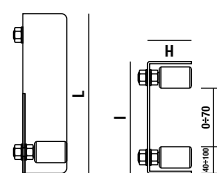
+ SINA ZINCATA
RANFORSATA

COD	P.66Z
Lungime (L)	9 (m)
Inaltime (H)	84
Latime (I)	94



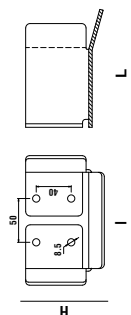
+ GHIDAJ SUPERIOR
REGLABIL

COD	222
Lungime (L)	200
Inaltime (H)	60
Latime (I)	150



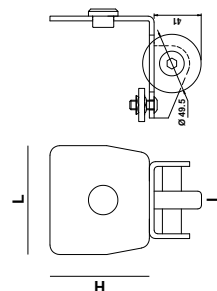
+ OPRITOR
CAPAT CURSA

COD	6030
Lungime (L)	134
Inaltime (H)	69
Latime (I)	110



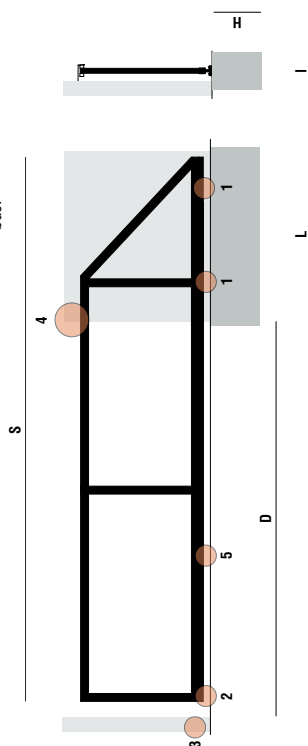
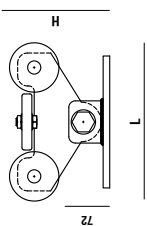
+ RULMENT
CAPAT SINA

COD	6020
Lungime (L)	92
Inaltime (H)	84
Latime (I)	65



+ SISTEM
ROLE

COD	6010
Lungime (L)	200
Inaltime (H)	156
Latime (I)	130



FUNDATIE (m)				
D	S	Lungime (L)	Adancime (H)	Latime (I)
5	7.6	2.7	0.9	0.6
5.5	8.3	2.9	0.9	0.6
6	9.0	3.1	0.9	0.6

SERIA 7000 Poarta: G= 1000 Kg / L= 10 m



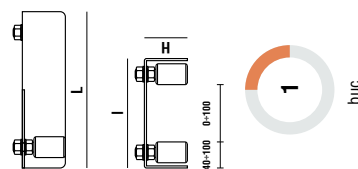
+ SINA ZINCATA
RANFORSATA

COD	P.772
Lungime (L)	12 (m)
Inaltime (H)	90
Latime (l)	100



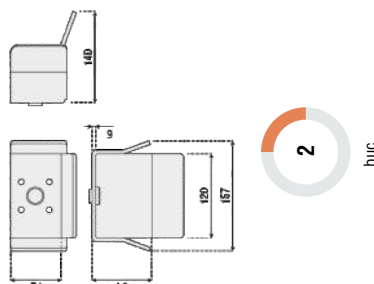
+ GHIDAJ SUPERIOR
REGLABIL

COD	225.4.17
Lungime (L)	220
Inaltime (H)	60
Latime (l)	180



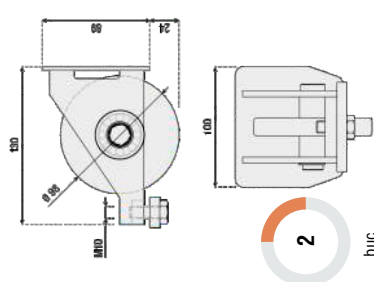
+ OPRITOR
CAPAT CURSA

COD	7030
Lungime (L)	140
Inaltime (H)	72
Latime (l)	157



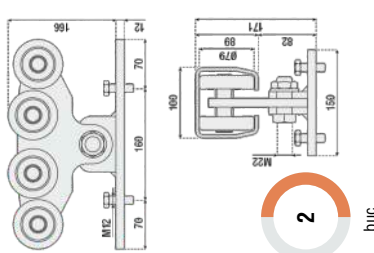
+ RULMENT
CAPAT SINA

COD	7020
Lungime (L)	130
Inaltime (H)	113
Latime (l)	100



+ SISTEM
ROLE

COD	7010
Lungime (L)	300
Inaltime (H)	171
Latime (l)	150

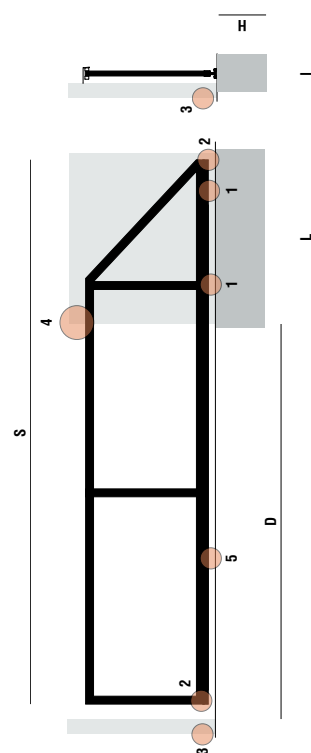


FUNDATIE (m)

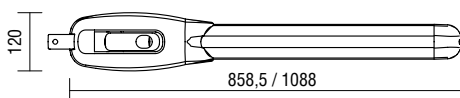
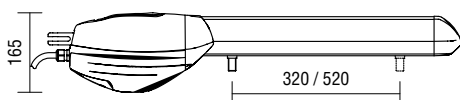
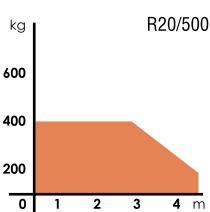
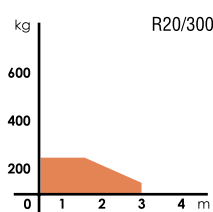
D	S	Lungime (L)	Adancime (H)	Latime (l)
8	12	4.5	0.9	0.5
9	13	4.5	0.9	0.5
10	15	5.5	0.9	0.5

LEGENDA

- L x H x l : Dimensiuni fundatie
D : Deschidere poarta
1 : Sistem cu 8 role transport
2 : Rulment capat sina
3 : Opritor capat cursa
4 : Ghidaj superior reglabil
5 : Sina zincata ranforsata



R20



R20		R20/300	R20/500
Alimentare	V	230V AC - 50Hz	230V AC - 50Hz
Alimentare motor	V	230V AC	230V AC
Putere consumata	W	200	200
Consum	A	1,1	1,1
Forta max.	N	2500	2500
Cursa	mm	320	520
Timp de deschidere 90°	s	19	27
Ciclu de utilizare	%	40	40
Protectie termica	°C	140	140
Temperatura de lucru	°C	-20+55	-20+55
Grad de protectie	IP	43	43
Viteza	cm/s	1,66	1,66
Limitator capat cursa la deschidere		microswitch	microswitch
Dimensiune max. pe canal	m	3	5
Unitate de comanda		H70/200AC	H70/200AC

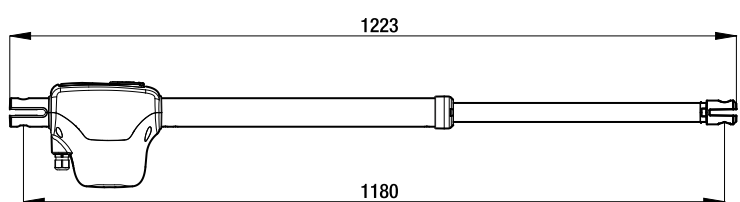
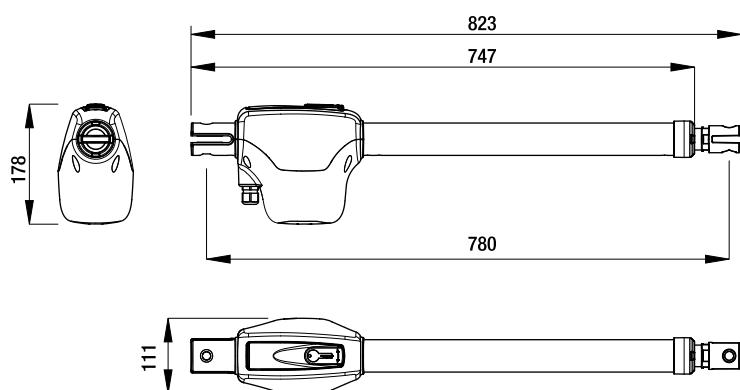
Motor	Alimentare	Fmax	Cursa	D
R20/300	230 V	2500 N	320 mm	3 m
R20/500	230 v	2500 N	520 mm	5 m

KIT	Motor	Unitate de comanda H70/200AC	Telecomanda M80/TX44R	Receptor Radio H93/RX22A/I	Lampa Semnalizare R92/LED 230	Fotocelule de Protectie SX	Porti batante in 2 canale de max. (m)
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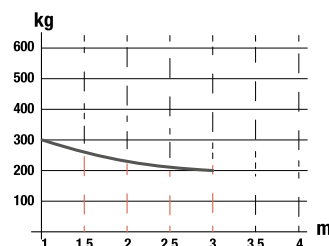


KIT R20 / 320	2x R20/300	1x	2x	1x			3 m
KIT R20 / 310	2x R20/300	1x	2x	1x	1x	2x	3 m
KIT R20 / 520	2x R20/500	1x	2x	1x	1x	2x	5 m
KIT R20 / 510	1x R20/500	1x	2x	1x	1x	2x	5 m

MONOS4/220



		MONOS4/220	MONOS4/BRUSHLESS
Alimentare	V	230V AC - 50Hz	230V AC - 50Hz
Alimentare motor	V	230V AC	24V DC
Putere consumata	W	200	200
Fora max.	N	2400	2200
Cursa	mm	400	400
Timp de deschidere 90°	s	24	19 - 35
Ciclu de utilizare	%	30	100
Protectie termica	°C	140	140
Temperatura de lucru	°C	-20+55	-20+55
Grad de protectie	IP	43	43
Viteza	cm/s	1,66	2,1 - 1,14
Dimensiune max. pe canal	m	3	3
Unitate de comanda		H70/200AC	B70/2DC



KIT	Motor	Unitate de comanda H70/200AC	Telecomanda E80/TX52R/2	Receptor Radio H93/RX22A/I	Lampa Semnalizare R92/LED 230	Fotocelule de Protectie SX	Porti batante in 2 canale de max. (m)
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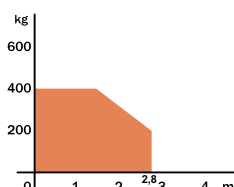
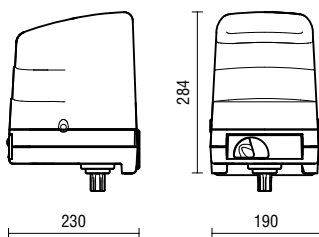
KIT MONOS4/220	2x MONOS4/220	1x	2x	1x	1x	2x	3 m
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MONOS4/220 1x MONOS4/220



KIT MONOS4/BRUSHLESS	2x MONOS4/BRUSHLESS	1x B70/2DC	2x	1x	1x	2x R90/F4ES	3 m
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H23/282



H23		H23/282
Alimentare	V	230V AC - 50Hz
Alimentare motor	V	230V AC
Putere consumata	W	200
Consum	A	-
Cuplu	Nm	300
Timp de deschidere 90°	s	12
Ciclu de utilizare	%	50
Protectie termica	°C	150
Temperatura de lucru	°C	-20+55
Gradul de protectie	IP	43
Viteza	rpm	1,2
Limitator capat cursa		microswitch
Dimensiune max. pe canal	m	2,8
Unitate de comanda		H70/200AC

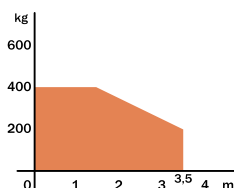
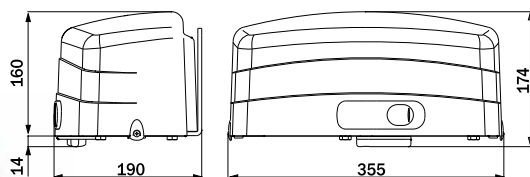
Kit	Motor	Unitate de Comanda H70/200AC	Telecomanda E80/TX52R/2	Receptor Radio H93/RX20/I max. 50 telecomenzi	Lampa Semnalizare R92/LED 230	Fotocelule de Protectie SX	Porti batante in 2 canale de max. (m)
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H23/284	2xH23/282	1x	2x	1x	1x	2x	2.8 m
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Cod	Descriere
LT303	Accesorii pentru H23; KIT H23/284; KIT R23/373 - Set brate lungi

R23/371



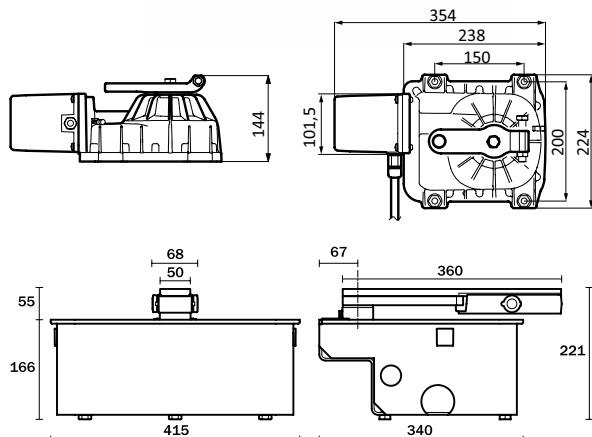
R23		R23/371
Alimentare	V	230V AC - 50Hz
Alimentare motor	V	230V AC
Putere consumata	W	200
Consum	A	1,1
Cuplu	Nm	400
Timp de deschidere 90°	s	14
Ciclu de utilizare	%	50
Protectie termica	°C	140
Temperatura de lucru	°C	-20+55
Gradul de protectie	IP	43
Viteza	rpm	1,5
Limitator capat cursa		microswitch
Dimensiune max. pe canal	m	3,5
Unitate de comanda		H70/200AC

Kit	Motor	Unitate de Comanda H70/200AC	Telecomanda E80/TX52R/2	Receptor Radio H93/RX20/I max. 50 telecomenzi	Lampa Semnalizare R92/LED 230	Fotocelule de Protectie SX	Porti batante in 2 canale de max. (m)
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R23/373	2x R23/371	1x	2x	1x	1x	2x	3.5 m
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R21



Robust, turnat din aluminiu, carcasa a fost proiectata pentru a rezista fortelor mari implicate.

Motorul R21 dupa instalare este complet ascuns in fundatie.

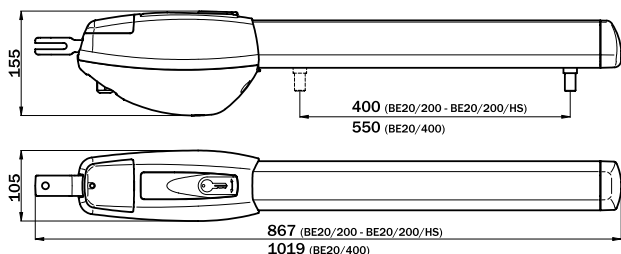
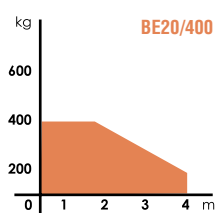
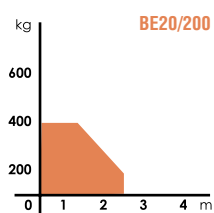
R21		R21/351	R21/351SUB	R21/362
Alimentare	V	230V AC - 50Hz	230V AC - 50Hz	230V AC - 50Hz
Alimentare motor	V	230V AC	230V AC	230V AC
Putere consumata	W	200	200	200
Cuplu	Nm	300	300	300
Cursa	grade	105	105	105
Timp de deschidere 90°	s	19	19	19
Ciclu de utilizare	%	30	30	30
Protectie termica	°C	140	140	140
Temperatura de lucru	°C	-20+55	-20+55	-20+55
Grad de protectie	IP	67	67	67
Viteza	rpm	1,2	1,2	1,2
Limitator capat cursa		mechic	mechic	mechic
Dimensiune max. pe canal	m	3,5	3,5	3,5
Unitate de comanda		H70/200AC	H70/200AC	H70/200AC

R21/351		Motor electromecanic / ireversibil / varianta ingropata / 230V / max. 3.5m pe canal.
LT301		Mecanism pt. deschidere de 360 grade
RL650		Deblocator motor standard cu cheie tubulara.
FU100		Cutie otel zincat

Kit	Motor	Unitate de Comanda H70/200AC	Telecomanda E80/TX52R/2	Receptor Radio H93/RX20/I max. 50 telecomenzi	Lampa Semnalizare R92/LED 230	Fotocelule de Protectie SX	Cutie otel zincat FU100	Kit Deblocare RL650
R21/353	2x R21/351	1x	2x	1x	1x	2x	2x	2x
R21/362 INOX	2x R21/351	1x	2x	1x	1x	2x	2x INOX	2x
R21/351/SUB	2x R21/351/SUB	1x	2x	1x	1x	2x	2x	2x



BE20 Brushless



BE20		BE20/200	BE20/200 HS	BE20/400
Alimentare	V	230 VAC - 50 Hz	230 VAC - 50 Hz	230 VAC - 50 Hz
Alimentare motor	V	24V DC	36V DC	36V DC
Putere consumata	W	200	200	200
Utilizare		Intensiva	Intensiva	Intensiva
Forta max.	N	100 - 2200	100 - 2200	100 - 2800
Cursa	mm	400	400	550
Timp de deschidere 90°	s	15-25	10-15	17-26
Ciclu de utilizare	%	100	100	100
Temperatura de lucru	°C	-20+55	-20+55	-20+55
Clasa de protectie	IP	43	43	43
Viteza	cm/s	1,66	3	1,66
Limitator capat cursa		mecanic	mecanic	mecanic
Dimensiune max. pe canal	m	2,5	2,5	4
Unitate de comanda		B70/2DC	EDGE1	EDGE1

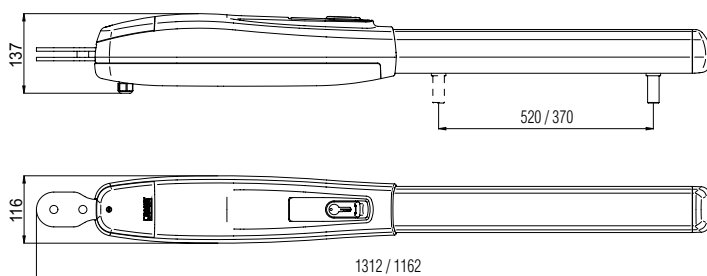
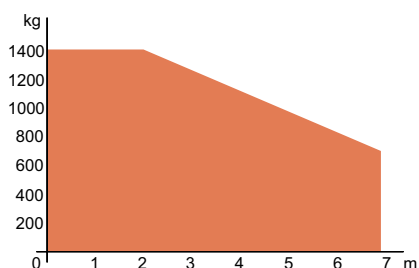
KIT	Motor	Unitate de comanda	Telecomanda E80/TX52R/2	Receptor Radio H93/RX22A/I	Lampa Semnalizare R92/LED 230	Fotocelule de Protectie R90/F4ES	Porti batante in 2 canale de max. (m)
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BE20 / 210	2x BE20/200	B70/2DC	2x	1x	1x 230V	2x	2.5 m
BE20 / 210	2x BE20/200	B70/2DC	2x	1x	1x 24V	2x	2.5 m
BE20 / 211HS	2X BE20 / 211HS	EDGE 1	2x	1x	1x	2x	2.5 m
BE20 / 410	2X BE20 / 410	EDGE 1	2x	1x	1x	2x	4 m



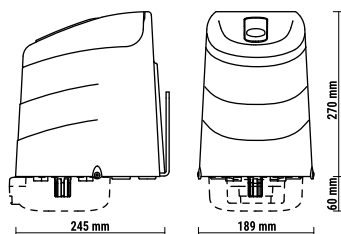
SMARTY 7 & 4/HS Brushless



		SMARTY 7	SMARTY 4/HS
Alimentare	V	230 VAC - 50 Hz	230 VAC - 50 Hz
Alimentare motor	V	36 DC	36 DC
Putere consumata	W	200	200
Utilizare		Intensiva	Intensiva
Fora max.	N	600 - 7000	4500
Cursa	mm	520	370
Timp de deschidere 90°	s	35-50	15
Ciclu de utilizare	%	100	100
Temperatura de lucru	°C	-20+55	-20+55
Clasa de protectie	IP	44	44
Viteza	cm/s	1,6	1 - 2
Limitator capat cursa		mecanic	mecanic
Encoder magnetic absolut		optional	optional
Dimensiune max. pe canal	m	7	4
Unitate de comanda		EDGE1	EDGE1

KIT	Motor	Unitate de comanda EDGE 1	Telecomanda E80/TX52R/2	Receptor Radio H93/RX22A/I	Lampa Semnalizare FIFTHY/24	Fotocelule de Protectie R90/F4ES	Porti batante in 2 canale de max. (m)
KIT SMARTY 7	2x SMARTY 7	1x	2x	1x	1x	1x	7 m
KIT SMARTY 7/I	1x SMARTY 7	1x	2x	1x	1x	1x	7 m
KIT SMARTY 4/HS	2x SMARTY 4/HS	1x	2x	1x	1x	1x	4 m

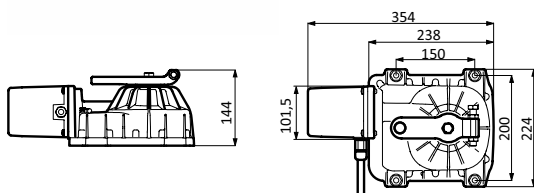
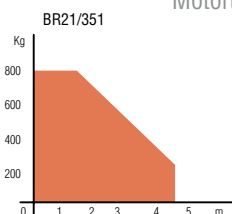
AYRON Brushless



BH23		AY/250/M	AY/250/S
Alimentare	V	230 VAC - 50 Hz	230 VAC - 50 Hz
Alimentare motor	V	24V DC	24V DC
Putere consumata	W	150	150
Utilizare		Intensiva	Intensiva
Ciuplu max.	Nm	50 - 200	50 - 200
Timp de deschidere 90°	s	12 - 20	10 - 18
Ciclu de utilizare	%	100	100
Temperatura de lucru	°C	-20+55	-20+55
Clasa de protectie	IP	43	43
Viteza	rpm	1,5 - 4	1,5 - 4
Limitator capat cursa		meccanic	meccanic
Dimensiune max. pe canat	m	2,5	2,5
Unitate de comanda		B70/2ML	-

KIT	Motor	Unitate de comanda B70/2ML	SYNUS/2	Receptor Radio H93/RX20/I	Lampa Semnalizare FIFTHY/24	Fotocelule de Protectie R90/F4ES	Porti batante in 2 canale de max. (m)
KIT AY/255	AY/250/M AY/250/S	1x	2x	1x	1x	2x	2.5 m

BR21 Brushless



Robust, turnat din aluminiu, carcasa a fost proiectata pentru a rezista fortelor mari implicate.
Motorul BR21 dupa instalare este complet ascuns in fundatie.

BR21		BR21/351	BR21/353/HS
Alimentare	V	230 VAC - 50 Hz	230 VAC - 50 Hz
Alimentare motor	V	36V DC	36V DC
Putere consumata	W	200	200
Utilizare		Intensiva	Intensiva
Ciuplu max.	Nm	50 - 300	50 - 200
Timp de deschidere 90°	s	19 - 29	10 - 25
Ciclu de utilizare	%	100	100
Temperatura de lucru	°C	-20+55	-20+55
Clasa de protectie	IP	67	67
Viteza	Rpm	1,2	2
Limitator capat cursa		meccanic	meccanic
Dimensiune max. pe canat	m	4,5	3
Unitate de comanda		EDGE1	EDGE1

Kit	Motor	Unitate de Comanda EDGE1	SYNUS/2	Receptor Radio H93/RX22A/I	Lampa Semnalizare FIFTHY/24	Fotocelule de Protectie R90/F4ES	Cutie otel zincat FU100	Kit Deblocare RL650
BR21/351DHP	2x BR21/351	1x	2x	1x	1x	2x	2x	2x

BR21/353/HS	2x BR21/353/HS	1x	2x	1x	1x	2x	2x	2x
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UNITATI DE COMANDA BATANTE



H70/200AC



B70/2DC



B70/2ML



EDGE1/BOX

	H70/200AC	B70/2DC	B70/2ML	EDGE1/BOX
Alimentare	230 Vac $\pm 10\%$ - 50 Hz	230 Vac $\pm 10\%$ - 50 Hz	230 Vac $\pm 10\%$ - 50 Hz	230 Vac $\pm 10\%$ - 50 Hz
Alimentare motor	230 Vac	24 Vdc	24 Vdc	36 Vdc
Putere max. absorbita de la retea	1400 W	350 W	350 W	600 W
Sigurante fuzibile	F1 = F6,3A 250 V, protectie circuit motoare F2 = F630mA 250 V, protectie alimentare accesorii	F1 = 15A (ATO257) protectie circuit motoare F2 = 4A (ATO257) protectie alimentare accesorii F3 = T1A (5x20mm)	F1 = F3.15A (5 X 20 mm) protectie alimentare accesorii F2 = F 15A (5 X 20 mm) protectie circuit motoare F3 = T1A (5 X 20 mm) protectie transformator	F1 = 20A (ATO257) protectie circuit motoare F2 = 4A (ATO257) protectie electroyala F3 = 3A (ATO257) protectie alimentare accesorii F4 = T2A (5x20mm) protectie transformator
Numar max. motoare comandate	2 motoare monofazice	2 motoare brushless	2 motoare brushless	2 motoare brushless
Tip motor	Asincron monofazat	Brushless sinusoidal	Brushless sinusoidal	Brushless sinusoidal
Tip comanda motor	Comanda in faza prin triac	Comanda cu orientare dupa camp, fara senzori (FOC)	Comanda cu orientare dupa camp, fara senzori (FOC)	Comanda cu orientare dupa camp, fara senzori (FOC)
Putere maxima pe motor	600 W	110 W	110 W	250 W
Putere maxima lampa semnalizare	40 W 230 Vac - 25 W 24 Vac/dc (contact fara tensiune)	25 W (24 Vdc)	25 W (24 Vdc)	25 W (24 Vdc)
Putere maxima lampa de curtoazie	100 W 230 Vac - 25 W 24 Vac/dc (contact fara tensiune)	100 W 230 Vac - 40 W 24 Vac/dc	100 W 230 Vac - 40 W 24 Vac/dc	100 W 230 Vac - 40 W 24 Vac/dc
Putere maxima electroyala	25 W(contact pur) max. 230Vac	15 W (12Vdc)	15 W (12Vdc)	15 W (12Vdc)
Putere max. absorbita de accesorii	9 W	10 W 24 Vdc	10 W 24 Vdc	20 W 24 Vdc (750 mA)
Temperatura de lucru	-20+55 °C	-20+55 °C	-20+55 °C	-20+55 °C
Clasa de protectie	IP 44	IP 54	IP 54	IP 54
Dimensiuni produs	137x156x43 mm	-	-	-
Dimensiuni carcasa	307x228x118 mm	330x230x115 mm	112 x 175 mm	330x230x115 mm

COD	MC780	MC770	KT201	KT202	KT203	KT205	KT206	KT206/R
								
Descriere	Limitator cursa - mecanic seria R20	Limitator electric - fata	Placa scurta sudabila - fata	Placa lunga sudabila - fata	Placa lunga sudabila pe stalp	SET Placi fixare - lunga / sudabila	SET Placi fixare - scurta / sudabila	Set placi fixare - scurta / fixare cu surub

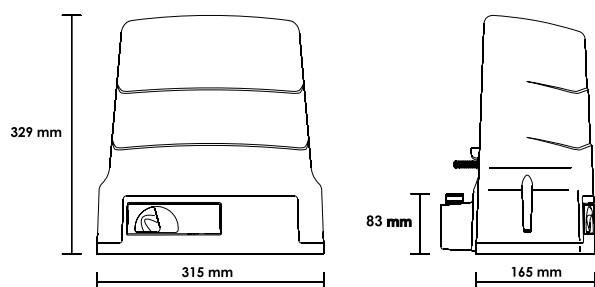
COD	R92/LED230	SX	H93/RX22A/I	E80/TX52R/2	B71/BC/INT	B71/BCHP/EXT	B71/BCHP/BOX	B71/BCHP
								
Descriere	Lampa LED - 230V	Fotocelule de protectie var. ingusta distanta max.20m alimentare 12-24 Vac/dc.	Receptor Radio - 2 canale	Telecomanda cu 2 butoane.	Kit incarcator capsulat 24 V, 2 acumulatori 12 Vdc, 1.2 Ah	Kit incarcator capsulat 24 V, 2 acumulatori 12 Vdc, 4.5 Ah unitate control EDGE1	Kit incarcator capsulat 24 V, FARA acumulatori 12 Vdc, 4.5 Ah unitate control EDGE1	Incarcator fara cutie si fara acumulator 12 Vdc, 4.5 Ah



Automatizari



H30



193.1

Cremaliera metalica /
30x8x1000mm / 3 distantiere incluse



N4

Cremaliera plastic cu insertie metalica
modul M4 / 4 distantiera incluse

H30		H30/643
Alimentare	V	230V AC - 50Hz
Alimentare motor	V	230V AC
Putere consumata	W	240
Forta max.	N	300
Ciclu de utilizare	%	50
Protectie termica	°C	150
Temperatura de lucru	°C	-20+50
Grad de protectie	IP	43
Viteza	m/min	9.5
Limitator capat cursa		mecanic
Unitate de comanda		H70/104AC
Greutate max. poarta	kg	600

KIT

Motor

Telecomanda
E80/TX52R/2

Receptor Radio
H93/RX22A/I

Lampa
Semnalizare
R92/230

Fotocelule de
Protectie
SX

Porti
culisante
Kg.

Alimentare



H30/640

1x H30/645

2x

1x

600

230V AC - 50Hz

H30/645

1x H30/645

2x

1x

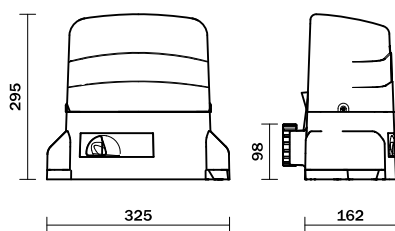
1x

2x

600

230V AC - 50Hz

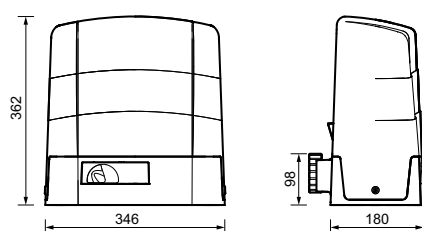
R30



R30		R30/1204
Alimentare	V	230V AC - 50Hz
Alimentare motor	V	230V AC
Putere consumata	W	420
Fora max.	N	800
Grad de utilizare	%	50
Protectie termica	°C	150
Temperatura de lucru	°C	-20+55
Grad de protectie	IP	43
Viteza	m/min	9.5
Limitator capat cursa		magnetic
Unitate de comanda		H70/104AC
Greutate max. poarta	kg	1200

Kit	Motor	Telecomanda E80/TX52R/2	Receptor Radio H93/RX20/I max. 50 telecomenzi	Lampa Semnalizare R92/LED 230	Fotocelule de Protectie SX	Porti culisante Kg.	Alimentare
							
R30/1204	1x	2x	1x			1200	230V AC 50Hz
R30/1205	1x	2x	1x	1x	2x	1200	230V AC 50Hz

G30



G30		G30/1804	G30/2204
Alimentare	V	230V AC - 50Hz	230V AC - 50Hz
Alimentare motor	V	230V AC	230V AC
Putere consumata	W	520	580
Fora max.	N	1200	1500
Ciclu de utilizare	%	50	50
Protectie termica	°C	150	150
Temperatura de lucru	°C	-20+50	-20+50
Grad de protectie	IP	43	43
Viteza	m/min	9,5	9,5
Limitator capat cursa		magnetic	magnetic
Unitate de comanda		H70/104AC	H70/104AC
Greutate max. poarta	kg	1800	2200

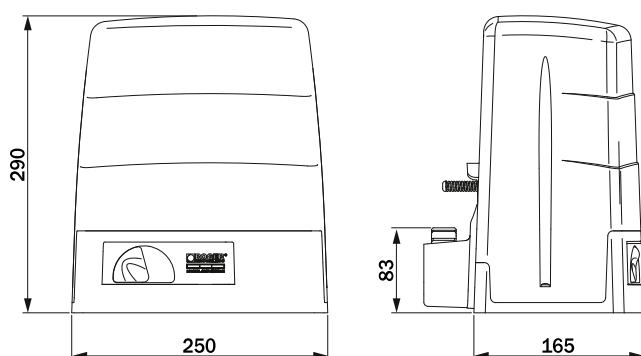
Kit	Motor	Telecomanda E80/TX52R/2	Receptor Radio H93/RX20/I max. 50 telecomenzi	Lampa Semnalizare R92/LED 230	Fotocelule de Protectie SX	Porti culisante Kg.	Alimentare
							
G30/1804	1x	2x	1x	1x	2x	1800	230V AC - 50Hz
G30/2204	1x	2x	1x	1x	2x	2200	230V AC - 50Hz



BM30 Brushless, 500 kg



NOU



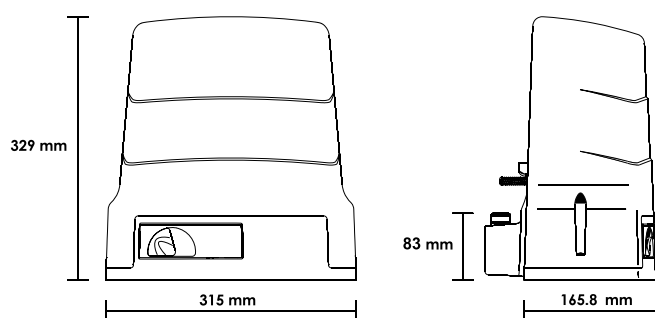
BM30		BM30/403
Alimentare	V	230 VAC - 50 Hz
Alimentare motor	V	24Vdc
Putere consumata	W	120
Utilizare		Intensiva
Fora max.	N	500
Ciclu de utilizare	%	100
Temperatura de lucru	°C	-20+55
Clasa de protectie	IP	44
Viteza	m/min	12
Limitator capat cursa		mecanic
Unitate de comanda incorporata		B70/1DC
Greutate max. poarta	kg	500

BRUSHLESS

KIT	Motor	Telecomanda E80/TX52R/2	Receptor Radio H93/RX22A/1	Lampa Semnalizare R92/LED 230	Fotocelule de Protectie SX	Porti culisante Kg.	Alimentare
BM30/403	1x BM30/403	2x	1x	1x	2x	400	24V DC



BH30 Brushless



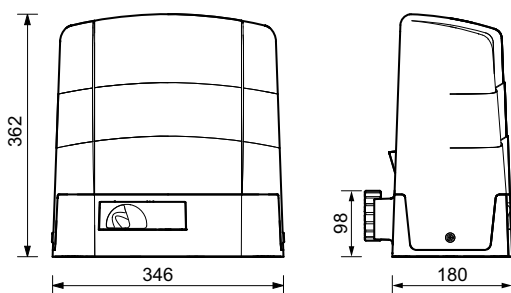
BH30		BH30/603/HS	BH30/803
Alimentare	V	230 VAC - 50 Hz	230 VAC - 50 Hz
Alimentare motor	V	24Vdc	24Vdc
Putere consumata	W	140	140
Utilizare		Intensiva	Intensiva
Fora max.	N	500	800
Ciclu de utilizare	%	100	100
Temperatura de lucru	°C	-20+55	-20+55
Clasa de protectie	IP	44	44
Viteza	m/min	24	12
Limitator capat cursa		mecanic	mecanic
Unitate de comanda incorporata		B70/1DC	B70/1DC
Greutate max. poarta	kg	600	1000

BRUSHLESS

KIT	Motor	Telecomanda E80/TX52R/2	Receptor Radio H93/RX22A/1	Lampa Semnalizare R92/LED 230	Fotocelule de Protectie SX	Porti culisante Kg.	Alimentare
BH30/605/HS	1x BH30/605/HS	2x	1x	1x	2x	600	24V DC
BH30/805	1x BH30/805	2x	1x	1x	2x	1000	24V DC



BG30 Brushless



BG30		BG30/1004/HS	BG30/1504/HS	BG30/1604	BG30/1804/HS	BG30/2204
Alimentare	V	230 VAC - 50 Hz	230 VAC - 50 Hz	230 VAC - 50 Hz	230 VAC - 50 Hz	230 VAC - 50 Hz
Alimentare motor	V	36Vdc	36Vdc	36Vdc	36Vdc	36Vdc
Putere max. consumata	W	590	650	390	650	470
Utilizare		Intensiva	Intensiva	Intensiva	Intensiva	Intensiva
Forta max.	N	800	1000	1200	1250	1700
Ciclu de utilizare	%	100	100	100	100	100
Temperatura de lucru	°C	-20+50	-20+50	-20+50	-20+50	-20+50
Clasa de protectie	IP	43	43	43	43	43
Viteza	m/min	20	25	12	18	10
Limitator capat cursa		magnetic	magnetic	magnetic	magnetic	magnetic
Unitate de comanda incorporata		B70/1DCHP	B70/1DCHP	B70/1DCHP	B70/1DCHP	B70/1DCHP
Greutate max. poarta	kg	1000	1500	1600	1800	2200

Kit	Motor	Telecomanda E80/TX52R/2	Receptor Radio H93/RX22A/I	Lampa Semnalizare R92/LED 230	Fotocelule de Protectie SX	Porti culisante Kg.	Alimentare
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BG30/1004/HS

1x

2x

1x

1x

2x

1000

36V DC


BG30/1504/HS

1x

2x

1x

1x

2x

1500

36V DC

BG30/1604

1x

2x

1x

1x

2x

1600

36V DC


BG30/1804/HS

1x

2x

1x

1x

2x

1800

36V DC

BG30/2204

1x

2x

1x

1x

2x

2200

36V DC

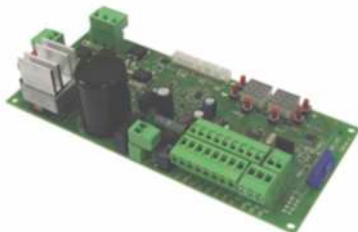


UNITATI DE COMANDA CULISANTE

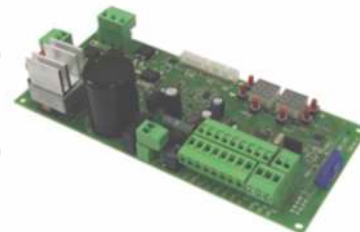
H70/104AC



B70/1DC



B70/1DCHP



	H70/104AC	B70/1DC	B70/1DCHP
Alimentare	230 Vac $\pm 10\%$ – 50 Hz	230 Vac $\pm 10\%$ – 50 Hz	230 Vac $\pm 10\%$ – 50 Hz
Alimentare motor	230 Vac	24 Vdc	36 Vdc
Putere max. absorbita de la retea	650 W		
Sigurante fuzibile	F1 = F6,3A 250 V, protectie circuit motoare F2 = F630mA 250 V, protectie alimentare accesorii	F1 = 15A (ATO257) protectie circuit motoare F2 = 2A (ATO257) protectie alimentare accesorii F3 = T1A (5x20mm)	F1 = 20A (ATO257) protectie circuit motoare F2 = 3A (ATO257) protectie alimentare accesorii F3 = T2A (5x20mm) protectie transformator
Numar max. motoare comandate	1 motor	1 motor brushless	1 motor brushless
Tip motor	Asicron monofazat	Brushless sinusoidal	Brushless sinusoidal
Tip comanda motor	Comanda in faza prin triac	Comanda cu orientare dupa camp, fara senzori (FOC)	Comanda cu orientare dupa camp, fara senzori (FOC)
Putere maxima pe motor	600 W		
Putere maxima lampa semnalizare	40 W 230 Vac – 25 W 24 Vac/dc (contact fara tensiune)	25 W (24 Vdc)	25 W (24 Vdc)
Putere maxima lampa de curtoazie	100 W 230 Vac – 25 W 24 Vac/dc (contact fara tensiune)	100 W 230 Vac – 40 W 24 Vac/dc	100 W 230 Vac – 40 W 24 Vac/dc (contact fara tensiune)
Putere maxima absorbita de accesorii	6 W (24 Vac) – 300 mA	10 W (24 Vdc)	20 W (24 Vdc)
Temperatura de lucru	-20+55 °C	-20+55 °C	-20+55 °C
Clasa de protectie	IP00		
	IP54 (H70/104AC/BOX)		
Dimensiuni produs	98x141x40 mm	200x90x45 mm	200x90x45 mm

COD	H93/RX22A/I	R93/RX12A/U	R93/RX2RC/U	R92/LED230	FIFTY/24	R91/AN1/LR1	SYNUS/2	M80/TX44R	B71/BC
Descriere	Receptor Radio - 2 canale COD FIX	Receptor Universal Radio - 2 canale COD FIX	Receptor Universal Radio - 2 canale COD SARITOR	Lampa LED - 230V	Lampa LED - 24V	Antena Externa	Telecomanda cu 2 butoane COD FIX / COD SARITOR	Telecomanda "STONE" cu cod fix 433.92Mhz, cu 4 butoane (cu functie de copiere).	Incarcator si cablu conectare

COD	E80/TX52R/2	E80/TX54R/2	SX	R90/F4ES	CFT500	CFT501	R85/60ES	H85/TDR/E	SICK
Descriere	Telecomanda cu 2 butoane.	Telecomanda cu 4 butoane.	Fotocelule de protectie var. ingusta distanta max.20m alimentare 12-24 Vac/dc.	Fotocelule de protectie sincronizate, var. ovala - distanta max. 15m, alimentare 12-24 Vac/dc.	Stalp fotocelule, carcasa rezistenta H500 mm compatibil cu R90, pret 1buc. in ambalaj.	Stalp fotocelule, carcasa rezistenta H1000 mm compatibil cu R90, pret 1buc. in ambalaj.	Selector cu cheie -aplicat	Selector digital - RADIO cu 4 canale	Fotocelula reflexiva fara cablu

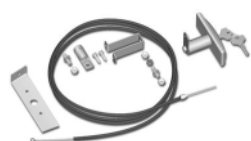


SET C40/3301

SET C40/4001

		C40/3301	C40/4001
Alimentare	V	230V AC - 50Hz	230V AC - 50Hz
Alimentare motor	V	24V dc	24V dc
Putere consumata	W	200	200
Suprafata max.	m²	14	14
Forta max.	N	1000	1000
Ciclu de utilizare	%	50	50
Temperatura de lucru	°C	-20+55	-20+55
Grad de protectie	IP	40	40
Inaltime maxima de deschidere	m	2.3	3

1000 N



RL654

Debloator usa sectională cu maner



162537

Debloator usa sectională cu maner



BIONIK BI/004

BRUSH
LESS

36 Vdc

ENCODER

LUMINA LED

Lumina LED situata perimetral pe capacul barierei.

DEBLOCARE MANUALA

Sistemul mecanic de deblocare manuala cu cheie poate debloca bariera indiferent de eveniment si situatie datorita unui mecanism cu rulment excentric.

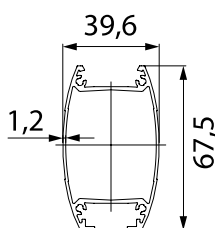
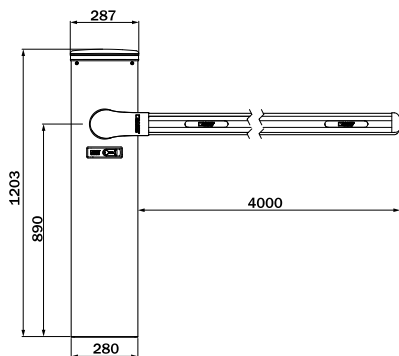
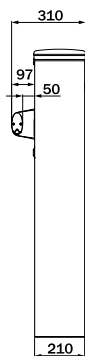
BRUSHLESS, 36V DC

Motorul inovator Brushless un 36V DC trifazat cu camp magnetic permanent, encoder ce permite o utilizare intensiva a barierei cu un consum foarte redus de energie.

BRAT ELIPTIC

Sectiune eliptica din aluminiu cu nervuri centrale face bratul mai stabil si robust. LED-uri luminoase integrate si configurabile din unitatea de control.

BI/004



BI/004	
Bariera	4 metri
Ciclu de utilizare	100 %
Sistem de control	Encoder absolut digital
Alimentare	230 VAC $\pm 10\%$ - 50 Hz
Putere consumata	220 W
Alimentare motor	36 Vdc
Curent absorbit de motor	0 $\div$ 15 A
Cuplul	0 $\div$ 200 Nm
Timp de deschidere/inchidere 90°	2 $\div$ 6 sec
Temperatura de lucru	-20+55°C
Tensiune alimentare periferice	24 Vdc
Unitate de control incorporata	CTRL
Deblocare manuala	Debloator cu cheie
Grad protectie	IP 54
Lungime brat	Pana la 4 metri
Kit deschidere de urgenta	Optional





BIONIK BI/004HP & BI/006

BRUSH
LESS

36 Vdc

ENCODER

LUMINA LED

Lumina LED situata perimetral pe capacul barierei.

DEBLOCARE MANUALA

Sistemul mecanic de deblocare manuala cu cheie poate debloca bariera indiferent de eveniment si situatie datorita unui mecanism cu rulment excentric.

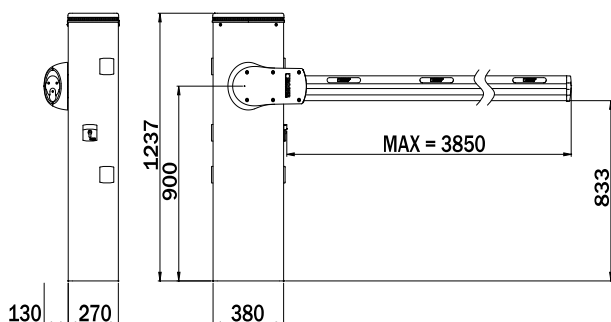
BRUSHLESS, 36V DC

Motorul inovator Brushless un 36V DC trifazat cu camp magnetic permanent, encoder ce permite o utilizare intensiva a barierei cu un consum foarte redus de energie.

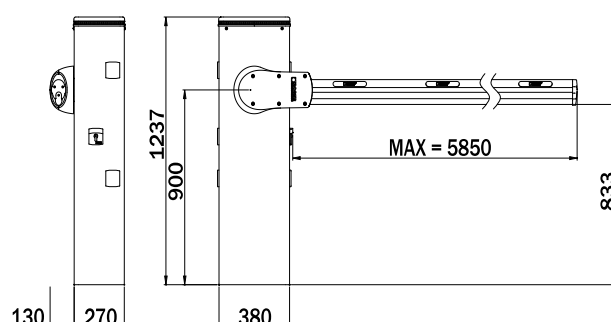
BRAT ELIPTIC

Sectioniune eliptica din aluminiu cu nervuri centrale face bratul mai stabil si robust. LED - uri luminoase integrate si configurabile din unitatea de control.

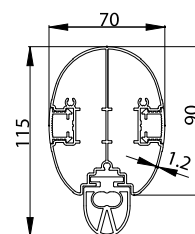
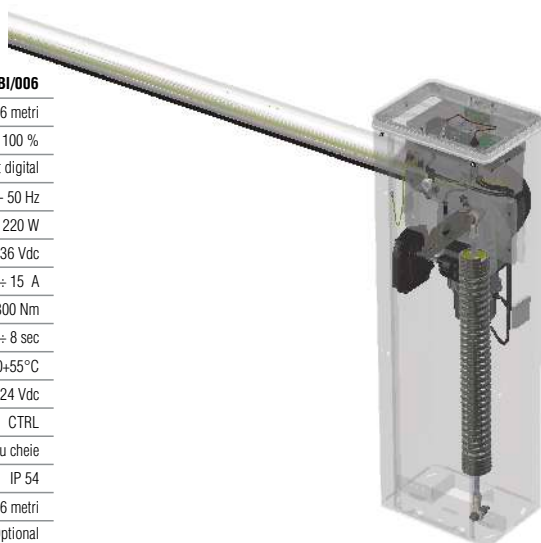
BI/004HP



BI/006



	BI/004/HP	BI/006
Bariera	4 metri	6 metri
Ciclu de utilizare	100 %	100 %
Sistem de control	Encoder absolut digital	Encoder absolut digital
Alimentare	230 VAC $\pm 10\%$ - 50 Hz	230 VAC $\pm 10\%$ - 50 Hz
Putere consumata	220 W	220 W
Alimentare motor	36 Vdc	36 Vdc
Curent absorbit de motor	0 ÷ 15 A	0 ÷ 15 A
Cuplul	0 ÷ 200 Nm	0 ÷ 300 Nm
Timp de deschidere/inchidere 90°	3 ÷ 6 sec	4 ÷ 8 sec
Temperatura de lucru	-20+55°C	-20+55°C
Tensiune alimentare periferice	24 Vdc	24 Vdc
Unitate de control incorporata	CTRL	CTRL
Deblocare manuala	Deblocator cu cheie	Deblocator cu cheie
Clasa de protectie	IP 54	IP 54
Lungime brat	Pana la 4 metri	Pana la 6 metri
Kit deschidere de urgenta	Optional	Optional





■ BIONIK BI/001PC ULTRA RAPIDA

BRUSH
LESS

36 Vdc

ENCODER

LUMINA LED

Lumina LED situata perimetral pe capacul barierei.

DEBLOCARE MANUALA

Sistemul mecanic de deblocare manuala cu cheie poate debloca barierea indiferent de eveniment si situatie datorita unui mecanism cu rulment excentric.

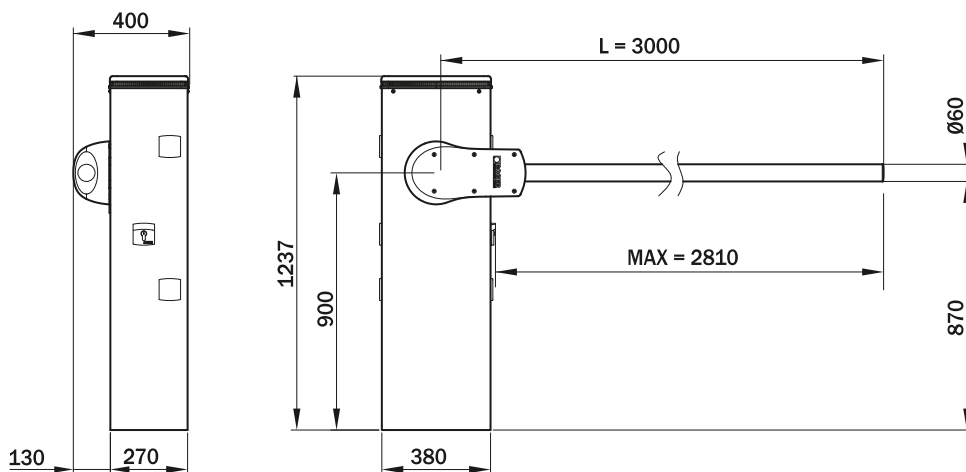
BRUSHLESS, 36V DC

Motorul inovator Brushless un 36V DC trifazat cu camp magnetic permanent, encoder ce permite o utilizare intensiva a barierei cu un consum foarte redus de energie.

BRAT ROTUND

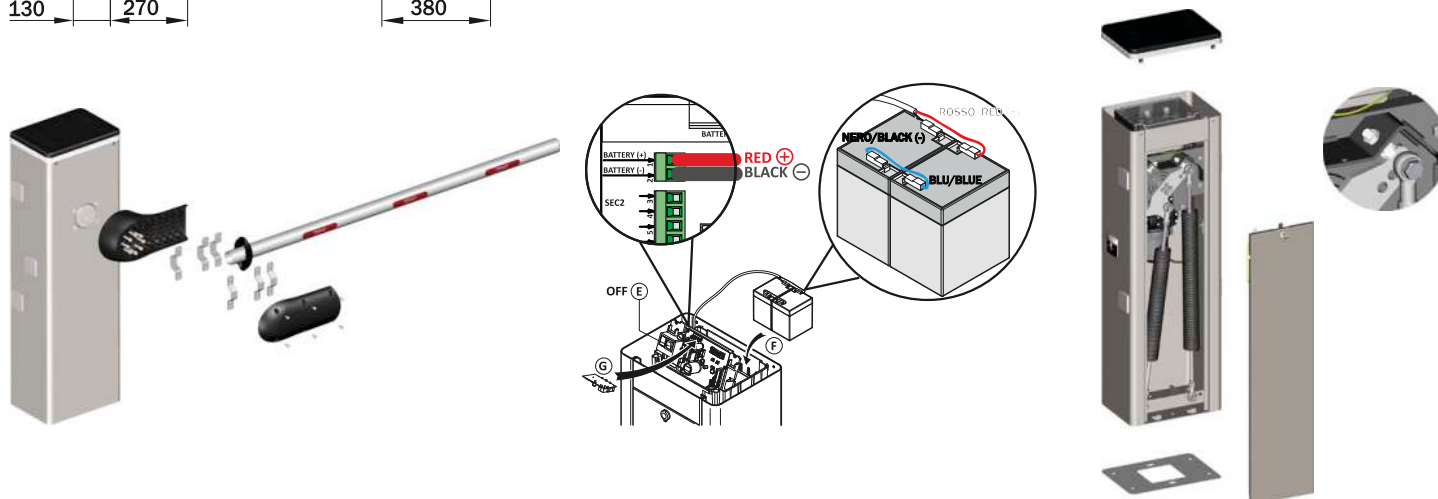
Sectiune rotunda din aluminiu.

BI/001PC



BI/001PC

Bariera	3 metri
Ciclu de utilizare	100 %
Sistem de control	Encoder absolut digital
Alimentare	230 VAC $\pm 10\%$ - 50 Hz
Putere consumata	450 W
Alimentare motor	36 Vdc
Curent absorbit de motor	0 $\div$ 15 A
Cuplul	0 $\div$ 200 Nm
Timp de deschidere/inchidere 90°	1,2 $\div$ 3 sec
Temperatura de lucru	-20+55°C
Tensiune alimentare periferice	24 Vdc
Unitate de control incorporata	CTRL/P
Deblocare manuala	Deblocator cu cheie
Grad protectie	IP 54
Lungime brat	Pana la 3 metri
Kit deschidere de urgenta	Optional





BIONIK BI/008

BRUSH
LESS

36 Vdc

ENCODER

LUMINA LED

Lumina LED situata perimetral pe capacul barierei.

DEBLOCARE MANUALA

Sistemul mecanic de deblocare manuala cu cheie poate debloca bariera indiferent de eveniment si situatie datorita unui mecanism cu rulment excentric.

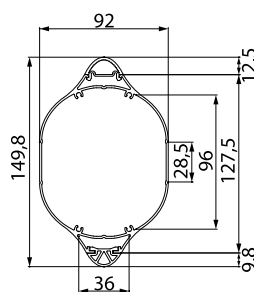
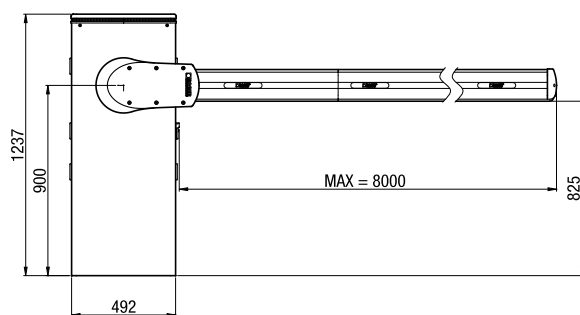
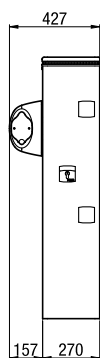
BRUSHLESS, 36V DC

Motorul inovator Brushless un 36V DC trifazat cu camp magnetic permanent, encoder ce permite o utilizare intensiva a barierei cu un consum foarte redus de energie.

BRAT ELIPTIC

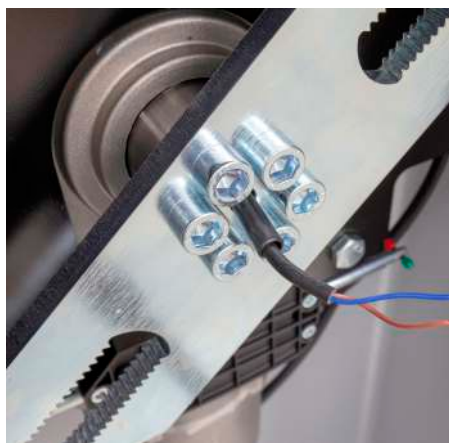
Sectiune eliptica din aluminiu cu nervuri centrale face bratul mai stabil si robust. LED - uri luminoase integrate si configurabile din unitatea de control.

BI/008



BI/008

Bariera	8 metri
Ciclu de utilizare	100 %
Sistem de control	Encoder absolut digital
Alimentare	230 VAC - 50 Hz $\pm$ 10%
Putere consumata	300 W
Alimentare motor	36 Vdc
Curent absorbit de motor	0 $\div$ 18 A
Cuplul	0 $\div$ 400 Nm
Timp de deschidere/inchidere 90°	9 $\div$ 29 sec
Temperatura de lucru	-20 $\div$ 55°C
Tensiune alimentare periferice	24 Vdc
Unitate de control incorporata	CTRL
Deblocare manuala	Debloator cu cheie
Clasa de protectie	IP 54
Lungime brat	Pana la 8 metri
Kit deschidere de urgenta	Optional





Automatizari

ROGER
TECHNOLOGY



CTRL	
Alimentare	230 Vac $\pm 10\%$ - 50 Hz
Alimentare motor	36 Vdc
Putere max. absorbita de la retea	240 W
Sigurante fuzibile	F1 = 10A (ATO257) protectie circuit motor F2 = 4A (ATO257) protectie alimentare electroyala F3 = 3A (ATO257) protectie alimentare accesorii F4 = T1A (5 x 20 mm) protectie transformator
Numar max. motoare comandate	1 motor
Tip motor	Brushless sinusoidal
Tip comanda motor	Comanda cu orientare dupa camp, fara senzori (FOC)
Putere maxima pe motor	220 W
Putere maxima lampa semnalizare	5 W 24 Vdc
Putere maxima led brat	12 W 24 Vdc
Putere maxima absorbita de accesorii	10 W 24 Vdc
Temperatura de lucru	-20+55 °C
Dimensiuni produs	166x150x48

COD

R93/RX12A/U

R90/F4ES

**Telecomanda
E80/TX52R/2**



Descriere

Receptor
Universal
Radio - 2 canale
COD FIX

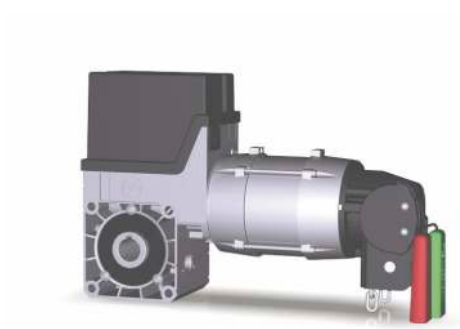
Fotocelule de
protectie
sincronizate, var.
ovala - distanta
max. 15m,
alimentare
12-24 Vac/dc.

Telecomanda
cu 2 butoane

Accesorii BARIERE

COD	BAFS/01	BAMS/01	ALED/4C	ALED/8C	ALED/12C	BA/68/4	BA/90/4	BA/90/6	BA/128/4
Descriere	Picior fix brat bariera	Picior mobil brat bariera	Banda LED brat bariera 4m	Banda LED brat bariera 8m	Banda LED brat bariera 12m	Brat bariera 4m BI/004	Brat bariera 4m BI/004 HPGO	Brat bariera 6m BI/006 GO	Brat bariera 8m BI/008 GO

COD	SND/BA/90/DW	SND/BA/90/UP	BARK/02	DLD1/24	B73/EXP	KT230	BI/BCHP	CFT500	CFT501
Descriere	Articulatie brat bariera	Articulatie brat bariera	Gardulet brat bariera 2m	Bucula inductiva cu 1 canal	Placa semnal bariera	Placa metalica fundatie bariera BI/004 HPGO BI/006 GO	Incarcator si cablu conectare fara acumulatori	Stalp fotocelule, carcasa rezistenta H500 mm compatibil cu R90, pret 1buc. in ambalaj.	Stalp fotocelule, carcasa rezistenta H1000 mm compatibil cu R90, pret 1buc. in ambalaj.



COD	Alimentare	Sarcina maxima	Unitate compatibila
TSE5.24WS-25.4 (S2K) WS	230V	200 kg	T801
SE5.24-25.4 (S2K) WS	230 V	200 kg	M0720
SE9.24-25.4 (S2K)	380 V	400 kg	WS900 TS970 TS971
SI14.21-25.4 (S2K)	380 V	600 kg	WS900 TS970 TS971



COD	Alimentare	Limitator cursa
TS970	230V / 380 V	NES - mecanic DES - electronic
TS971	230V / 380 V	NES - mecanic DES - electronic
CABLU LEGATURA	5 m	TS970 TS971



COD	AMBALAJ
LANT	50 m