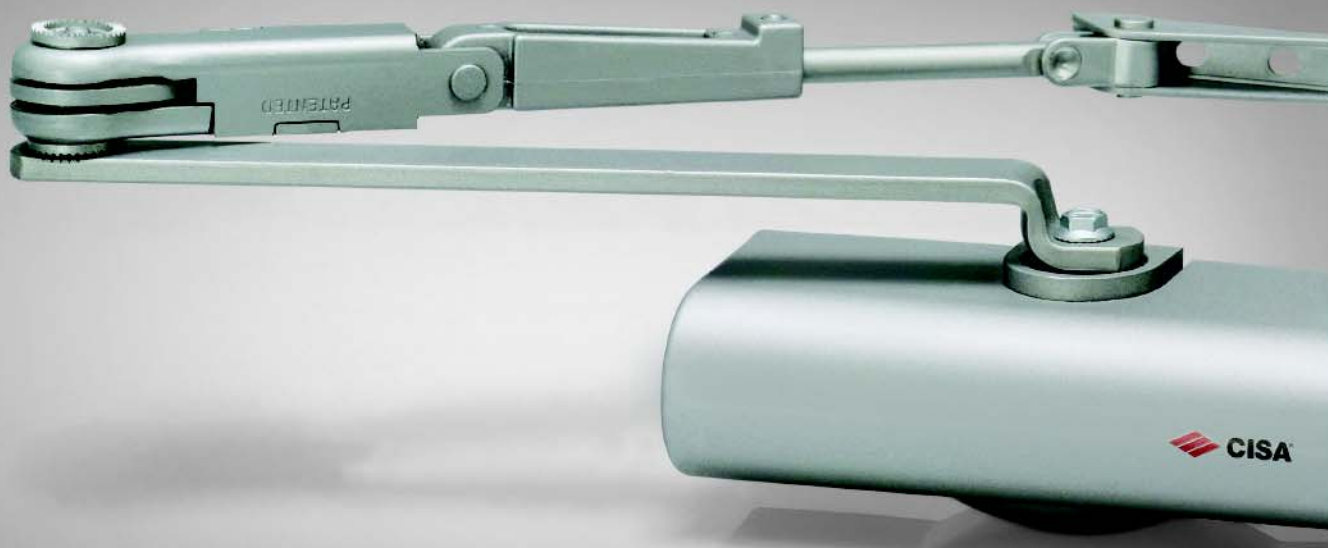
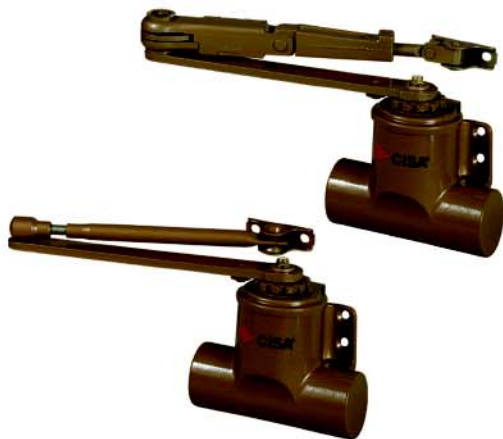


Door closers



Door closers 601/T series	495	Door closers 602 series	502
Door closers 704 series	496	Accessories for door closers 601series	504
Door closers Smart Plus series	497	Accessories for door closers 604 and 715 series	505
Door closers 715 series	498	Accessories for door closers 602 series	508
Door closers 716 series	599	Dimentional drawing.....	510
Door closers 720 - 721 series	500		





Technical features:

- Solid cast iron body
- Steel arm, with or without hold open device
- ADJUSTMENTS:
Closing speed adjusting valve

Supplied as standard:

- Fixing screws
- Installation template

Finishes:

- The required finish must always be specified in the order
- Finishes available at no extra charge:
aluminium colour (fin. 97)
gold colour (fin. 98)

Type	Description	Closing strength	Max. door width	Max. door weight	Unit weight Pieces	ITEM					
						Type	Dim.	Hand	Fin.	Pers. Spec.	
	• Arm without hold-open facility	1	750	30	2,392	2	1	60130	01	0	98
		2	830	45	3,167	2	1	60140	02	0	98
		3	930	60	3,717	2	1	60150	03	0	98
		4	1030	80	4,900	2	1	60160	04	0	98
	• Arm with hold-open facility	1	750	30	2,480	2	1	60131	01	0	98
		2	830	45	3,205	2	1	60141	02	0	98
		3	930	60	3,705	2	1	60151	03	0	98
		4	1030	80	5,025	2	1	60161	04	0	98

Technical features:

- Aluminium alloy monoblock body
- Steel arm with or without adjustable hold open catch mechanism
- Special oil bath steel spring
- Regulating valve with thermostatic device
- Adjustments
 - Closing force 2-3-4
 - Speed of closing
 - Strength of final slam
 - Regulation of door hold open catch mechanism (series 71441).

Supplied as standard:

- Supplied as standard
- Fixing screws
- Template and assembly instructions.

Finishes:

- Always specify the finish on the orders
- Possible finishes at no extra cost
 - CHAMPAGNE colour (fin. 87)
 - DARK BROWN colour (fin. 88)
 - ALUMINIUM colour (fin. 97)
 - DARK BRONZE colour (fin. 99)
- Possible finishes at an extra cost
 - RED colour (fin. 41)
 - YELLOW colour (fin. 42)
 - GREEN colour (fin. 43)
 - BLACK colour (fin. 44)
 - WHITE colour (fin. 45)

Type	Description	Closing strength	Max. door width	Max. door weight	 Unit weight	 Pieces	ITEM				Unit price (VAT excluded)	
							Type	Dim.	Hand	Fin.	Pers.	Spec.
	<ul style="list-style-type: none"> • MULTISTRENGTH VERSION • Arm without hold-open facility 	2-4	850÷1100	80	1,800	1	1	D0415	03	0 97		53,78
	<ul style="list-style-type: none"> • MULTISTRENGTH VERSION • Arm with hold-open facility 	2-4	850÷1100	80	2,100	1	1	D0416	03	0 97		70,25



Smart Plus

Technical features:

- Aluminum alloy single block body.
- Shock resistant plastic material cover
- Steel arm with or without adjustable hold-open device.
- Special steel spring in oil bath.
- Independent adjustment valves with thermostatic device.
- Overload (safety) valve.

Operation:

- 2-3-4 (Dim.03) or 4-5-6 (Dim.05) dosing strength adjustable by changing the arm fixing position.
- Closing speed between 180° and 15° by adjusting the special valve.
- End slam between 15° and 0° by adjusting the special valve.

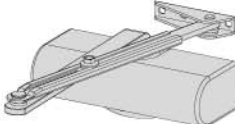
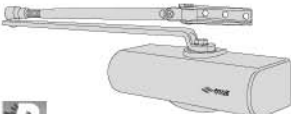


- Door hold-open position adjustment between 180° and 15° (series D1416)

Supplied as standard:

- Fixing screws
- Template and installation instructions

Finishes:

- Standard ALUMINUM (fin. 97)
- Other finishes
 CHAMPAGNE (fin. 87)
 DARK BROWN (fin. 88)
 DARK BRONZE (fin. 99)
 BLACK (fin. 44)
 MATT BLACK (fin. 90)
 WHITE (fin. 45)

Type	Description	Closing strength	Max. door width	Max. door weight	Unit weight Kg	Pieces	ITEM								
							Type	Dim.	Hand	Fin.	Pers.	Spec.			
	<ul style="list-style-type: none"> • MULTISTRENGTH • W/o hold open dev. • CE mark according to Directive 89/106/CEE • Optional certificate issued by third-party certifying body (ICIM) according to standard UNI EN 1154 	2÷4	850÷1100	120	1,728	1	1	D1415	03	0	97				
	<ul style="list-style-type: none"> • MULTISTRENGTH VERSION • Standard arm • CE mark in compliance with the DIRECTIVE 89/106/CEE. • Voluntary ICIM certification issued by third party as provided for in the same UNI EN 1154 standards. 	2÷4	850÷1100	80	1,728	1	1	171415	03	0	97				
	<ul style="list-style-type: none"> • MULTISTRENGTH • W/o hold open dev. • CE mark according to Directive 89/106/CEE • Optional certificate issued by third-party certifying body (ICIM) according to standard UNI EN 1154 	2÷4	1100÷1400	120	2,086	1	1	171415	05	0	97				
	<ul style="list-style-type: none"> • MULTISTRENGTH • With hold open device on arm • Optional certificate issued by third-party certifying body (ICIM) according to standard UNI EN 1154 	2÷4 4÷6	850÷1100 1100÷1400	120	2,020 2,420	1	1	1	D1416	03	0	97			



Technical features:

- Aluminium alloy monoblock body
- Steel arm with or without adjustable hold open
- Special oil bath steel spring
- Valve with thermostatic device

Operation:

- 2-3-4 (DIM 03) or 4-5-6 (DIM 05) closing strength adjustable by changing the arm fixing position
- Adjustable closing speed
- Adjustable latch action
- Adjustable hold open (series 71516, 71611).





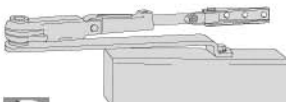

Supplied as standard:

- Fixing screws
- Template and assembly instructions

Finishes:

- Always specify the finish with the orders:
- Finishes available at no extra charge:
 - Champagne colour (fin. 87)
 - Dark brown colour (fin. 88)
 - Aluminium colour (fin. 97)
 - Dark bronze colour (fin. 99)
- Finishes available at an extra charge
 - Red colour (fin. 41)
 - Yellow colour (fin. 42)
 - Green colour (fin. 43)
 - Black colour (fin. 44)
 - White colour (fin. 45)

CISA Professional

Type	Description	Closing strength	Max. door width	Max. door weight	Unit weight	Pieces	ITEM				
							Type	Dim. Hand	Fin.	Pers. Spec.	
   	<ul style="list-style-type: none"> • MULTISTRENGTH VERSION • Arm without hold-open • CE mark in compliance with the DIRECTIVE 89/106/CEE • Voluntary ICIM certification issued by third party as provided for in the same UNI EN 1154 standards. 	2÷4	850÷1100	80	2,062	1	1	71510	03	0	97
		4÷6	1100÷1400	120	2,266	1	1	71510	05	0	97
 	<ul style="list-style-type: none"> • MULTISTRENGTH VERSION • Arm with hold-open • Voluntary ICIM certification issued by third party as provided for in the same UNI EN 1154 standards. 	2÷4	850÷1100	80	2,304	1	1	71511	03	0	97
		4÷6	1100÷1400	120	2,534	1	1	71511	05	0	97



Technical features:

- Aluminium alloy monoblock body
- Steel arm with or without adjustable hold open
- Special oil bath steel spring
- Valve with thermostatic device
- Pressure relief valve

Operation:

- Closing strength 2÷6
- Adjustable speed
- Adjustable latch action
- Adjustable hold open mechanism (71611 series).



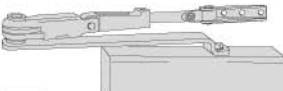



Supplied as standard:

- Fixing screws
- Template and assembly instructions

Finishes:

- Always specify the finish with the orders:
- Finishes available at no extra charge:
 - Champagne colour (fin. 87)
 - Dark brown colour (fin. 88)
 - Aluminium colour (fin. 97)
 - Dark bronze colour(fin. 99)
- Finishes available at an extra charge
 - Red colour (fin. 41)
 - Yellow colour (fin. 42)
 - Green colour (fin. 43)
 - Black colour (fin. 44)
 - White colour (fin. 45)

CISA Professional

Type	Description	Closing strength	Max. door width	Max. door weight	Unit weight Kg	Pieces	ITEM				
							Type	Dim.	Hand	Fin.	Pers.
 	<ul style="list-style-type: none"> • ADJUSTABLE STRENGTH VERSION • Arm without hold-open • CE mark in compliance with the DIRECTIVE 89/106/CEE • Voluntary ICIM certification issued by third party as provided for in the same UNI EN 1154 standards. 	2÷6	850÷1400	120	2,208	1	1	71610	03	0	97
 	<ul style="list-style-type: none"> • ADJUSTABLE STRENGTH VERSION • Arm with hold-open • Voluntary ICIM certification issued by third party as provided for in the same UNI EN 1154 standards. 	2÷6	850÷1400	120	2,476	1	1	71611	03	0	97
 	<ul style="list-style-type: none"> • ADJUSTABLE STRENGTH VERSION • ADJUSTABLE DELAYED ACTION CLOSER • Arm without hold-open • Voluntary ICIM certification issued by third party as provided for in the same UNI EN 1154 standards. 	2÷6	850÷1400	120	2,214	1	1	71615	03	0	97



Technical features:

- Aluminium alloy monoblock body
- Steel side track with or without hold open
- Special oil bath steel spring
- Valve with thermostatic device
- Pressure relief valve

Operation:

- Fixed closing strength
- Adjustable closing speed
- Adjustable latch action
- Adjustable hold open (72011 series).








Supplied as standard:



- Fixing screws
- Template and assembly instructions

Finishes:

- Always specify the finish with the orders:
- Finishes available at no extra charge:
 - Champagne colour (fin. 87)
 - Dark brown colour (fin. 88)
 - Aluminium colour (fin. 97)
 - Dark bronze colour(fin. 99)
- Finishes available at an extra charge:
 - Red colour (fin. 41)
 - Yellow colour (fin. 42)
 - Green colour (fin. 43)
 - Black colour (fin. 44)
 - White colour (fin. 45)

CISA Professional

Type	Description	Closing strength	Max. door width	Max. door weight	Unit weight	Pieces	ITEM				
							Type	Dim.	Hand	Fin.	Pers.
	<ul style="list-style-type: none"> • Slide track • Arm without hold-open • Voluntary ICIM certification issued by third party as provided for in the same UNI EN 1154 standards. 	1	750	20	2,372	1	1	72010	01	0	97
		2	850	40	2,518	1	1	72010	02	0	97
  	<ul style="list-style-type: none"> • Slide track • Arm without hold-open • CE mark in compliance with the DIRECTIVE 89/106/CEE issued by ICIM • Voluntary ICIM certification issued by third party as provided for in the same UNI EN 1154 standards. 	3	950	60	2,594	1	1	72010	03	0	97
	<ul style="list-style-type: none"> • Slide track • Arm with hold-open • Voluntary ICIM certification issued by third party as provided for in the same UNI EN 1154 standards. 	1	750	20	2,420	1	1	72011	01	0	97
		2	850	40	2,580	1	1	72011	02	0	97
		3	950	60	2,636	1	1	72011	03	0	97
 	<ul style="list-style-type: none"> • ADJUSTABLE STRENGTH VERSION • Slide track • Arm without hold-open • CE mark in compliance with the DIRECTIVE 89/106/CEE • Voluntary ICIM certification issued by third party as provided for in the same UNI EN 1154 standards. 	1-3	750-950	60	2,532	1	1	72110	03	0	97

Type	Description	Closing strength	Max. door width	Max. door weight	Unit weight 	Pieces 	ITEM			
							Type	Dim. Hand	Fin.	Pers. Spec.
 	<ul style="list-style-type: none"> • ADJUSTABLE STRENGTH VERSION • Slide track • Arm with hold-open • Voluntary ICIM certification issued by third party as provided for in the same UNI EN 1154 standards. 	1÷3	750÷950	80	2,586	1	1 72111 03 0 97			
	<ul style="list-style-type: none"> • ADJUSTABLE STRENGTH VERSION • ADJUSTABLE DELAYED ACTION • Slide track • Track without hold-open • Voluntary ICIM certification issued by third party as provided for in the same UNI EN 1154 standards. 	1÷3	750÷950	60	2,800	1	1 72115 03 0 97			



Technical features:

- Cast iron body
- Hardened steel camshaft
- Pressure relief valve
- ADJUSTMENTS:
Closing speed adjusting valve
Latch action adjusting valve

Supplied as standard:

- Steel wall case

On request:


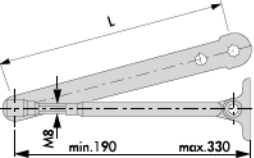

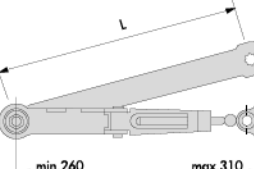
- Covering plate item 1.07123.00.0
- OPTIONS (see relevant Catalogue section):
Personalized covering plate
Special camshaft
Hinge mechanism, without steel box

Type	Description	Stand open	Max. door weight	Max. door width	Unit weight	Pieces	ITEM				
							Type	Dim.	Hand	Fin.	Pers.
		100	900	5,950	1	1	60220	60	0		
		90	100	900	5,950	1	1	60221	60	0	
		105	100	900	5,950	1	1	60222	60	0	
		100	1100	5,950	1	1	60230	60	0		
		90	100	1100	5,950	1	1	60231	60	0	
		105	100	1100	5,950	1	1	60232	60	0	

Type	Description	Stand open	Max. door weight	Max. door width	Unit weight	Pieces	ITEM				
							Type	Dim.	Hand	Fin.	Pers.
		200	1300	5,950	1	1	60240	60	0		
		90	200	1300	5,950	1	1	60241	60	0	
		105	200	1300	5,950	1	1	60242	60	0	

Finishes:

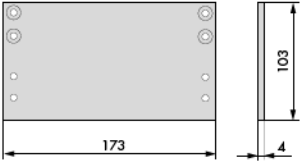
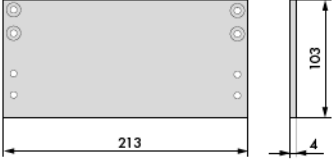
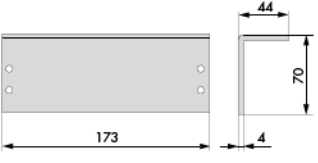
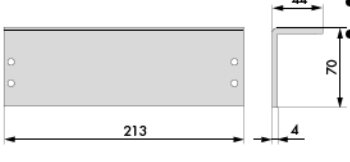
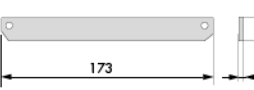
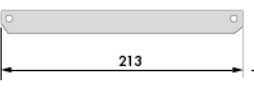
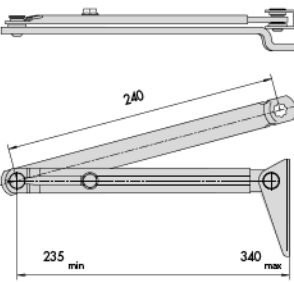
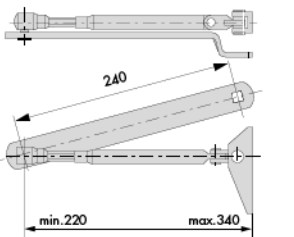
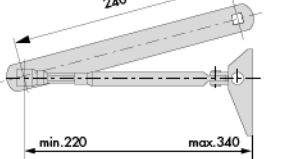
- The required finish must always be specified in the order (where necessary)
- Finishes available at no extra charge:
 - aluminium colour (fin. 97)
 - gold colour (fin. 98)
 - dark bronze colour (fin. 99)

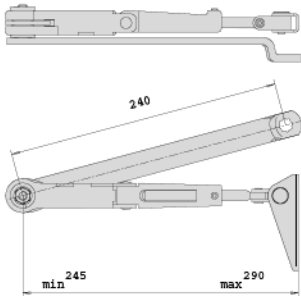
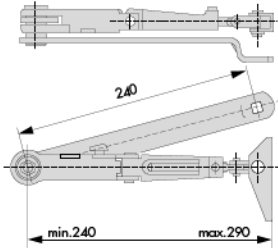
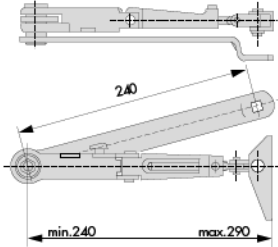
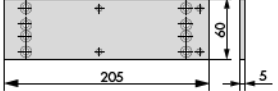
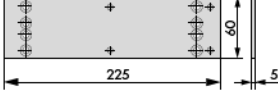
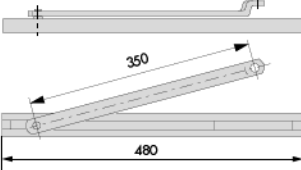
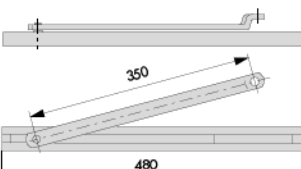
Type	Description	For series/item	L	Unit weight Kg	Pieces	ITEM					
						Type	Dim.	Hand	Fin.	Pers.	Spec.
	• Steel arm without hold-open device	60130, 60170		200,0	0,420	1	1	07132	00	0	97
	• Steel arm without hold-open device	60140, 60150, 60160, 60180, 60190		240,0	0,475	1	1	07134	00	0	97
	• Steel arm with hold-open device	60131, 60171		200,0	0,515	1	1	07133	00	0	97
	• Steel arm with hold-open device	60141, 60151, 60161, 60181, 60191		240,0	0,595	1	1	07135	00	0	97

Finishes:

- The required finish must always be specified in the order (where necessary)
- Finishes available at no extra charge:
 - champagne colour (fin. 87)
 - dark brown colour (fin. 88)
 - aluminium colour (fin. 97)
 - dark bronze colour (fin. 99)
- Finishes available at an extra charge:
 - red (fin. 41)
 - yellow (fin. 42)
 - green (fin. 43)
 - black (fin. 44)
 - white (fin. 45)

Type	Description	Kg	Pieces	ITEM				
				Type	Dim.	Hand	Fin.	Pers. Spec.
	<ul style="list-style-type: none"> • Steel hinge plate • For door closers series 704, 714, 715, 716 	0,080	1	1	07140	00	0	97
	<ul style="list-style-type: none"> • Parallel arm steel bracket • For door closers series 704, 714, 715, 716 	0,230	1	1	07141	00	0	97
	<ul style="list-style-type: none"> • Door closer steel backplate • For door closers series 715, 716, 720, 721 	0,600	1	1	07142	00	0	97
	<ul style="list-style-type: none"> • Door closer steel angle bracket • For door closers series 715, 716, 720, 721 	0,600	1	1	07143	00	0	97
	<ul style="list-style-type: none"> • Set of nylon spacers: 1 pc. of 3 mm. thickness 2 pcs. of 1 mm. • For door closers series 715, 716, 720, 721 	0,030	1	1	07144	00	0	97
	<ul style="list-style-type: none"> • Steel door closer backplate • For door closers series 715, 716, 720, 721 	0,400	1	1	07145	00	0	97
	<ul style="list-style-type: none"> • Steel backplate for glass doors • For door closers series 715, 716, 720, 721 	0,600	1	1	07146	00	0	97

Type	Description	Unit weight Kg	Pieces	ITEM			
				Type	Dim.	Hand	Fin.
	<ul style="list-style-type: none"> • Steel door closer backplate • For door closers series 704, 714 strength 2,3,4 	0,500	1	1	07148	00	0 97
	<ul style="list-style-type: none"> • Steel door closer backplate • For door closers series 704, 714 strength 4, 5, 6 	0,600	1	1	07148	01	0 97
	<ul style="list-style-type: none"> • Door closer steel angle backplate • For door closers series 704, 714 strength 2,3,4 	0,500	1	1	07149	00	0 97
	<ul style="list-style-type: none"> • Door closer steel angle backplate • For door closers series 704, 714 strength 4, 5, 6 	0,600	1	1	07149	01	0 97
	<ul style="list-style-type: none"> • Set of nylon spacers: 1 pc. of 3 mm. thickness 2 pcs. of 1 mm. thickness • For door closers series 704, 714 strength 2, 3, 4 	0,030	1	1	07150	00	0
	<ul style="list-style-type: none"> • Set of nylon spacers: 1 pc. of 3 mm. thickness 2 pcs. of 1 mm. thickness • For door closers series 704, 714 strength 4, 5, 6 	0,030	1	1	07150	01	0
	<ul style="list-style-type: none"> • Steel arm w/o hold open device • For door closers series Smart Plus 2,3,4 strength 	0,460	1	1	07151	14	0 97
	<ul style="list-style-type: none"> • Steel arm without hold-open • For door closers series 704, 714 strength 2, 3, 4 	0,460	1	1	07151	15	0 97
	<ul style="list-style-type: none"> • Steel arm without hold-open • For door closers series 704, 714 strength 4, 5, 6 and 715 all strength 	0,460	1	1	07151	16	0 97

Type	Description	Unit weight Kg	Pieces	ITEM			
				Type	Dim.	Hand	Fin. Pers. Spec.
	<ul style="list-style-type: none"> • Steel arm without hold-open • For door closers series Smart Plus strength 2,3,4 	0,900	1	1	07152	14	0 97
	<ul style="list-style-type: none"> • Steel arm with hold-open • For door closers series 704, 714 strength 2, 3, 4 	0,900	1	1	07152	15	0 97
	<ul style="list-style-type: none"> • Steel arm with hold-open • For door closers series 704, 714 strength 4, 5, 6 and 715 all strengths 	0,800	1	1	07152	16	0 97
	<ul style="list-style-type: none"> • Steel arm with hold-open disconnectable • For door closers series 704, 714 strength 2, 3, 4 	0,800	1	1	07152	20	0 97
	<ul style="list-style-type: none"> • Steel arm with hold-open disconnectable • For door closers series 704, 714 strength 4, 5, 6 and 715 all strengths 	0,900	1	1	07152	21	0 97
	<ul style="list-style-type: none"> • DIN compliant backplate for door closers series 715 strength 2, 3, 4 And 716 all strengths 	0,491	1	1	07153	00	0 97
	<ul style="list-style-type: none"> • DIN compliant backplate for door closers series 715 strength 4, 5, 6 and 716, 720, 721 all strengths 	0,400	1	1	07153	01	0 97
	<ul style="list-style-type: none"> • Steel slide track with aluminium guide with hold-open • For door closers series 704, 714, 720, 721 	0,700	1	1	07154	00	0 97
	<ul style="list-style-type: none"> • Steel slide track with aluminium guide without hold-open • For door closers series 704, 714, 720, 721 	0,800	1	1	07154	10	0 97

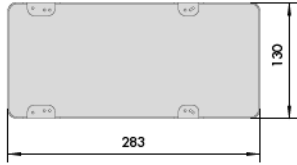
Type	Description	For series/Item	Unit weight Pieces	ITEM				
				Type	Dir.	Hand	Fin.	Pers. Spec.
	<ul style="list-style-type: none"> • Bottom brass strap for swinging doors • AVAILABLE FINISHES: chrome plated (Fin. 18) 		0,310 1	1	07110	00	0	
	<ul style="list-style-type: none"> • Bottom brass strap for left opening doors • AVAILABLE FINISHES: chrome plated (Fin. 18) 		0,370 1	1	07111	00	2	
	<ul style="list-style-type: none"> • Bottom brass strap for right opening doors • AVAILABLE FINISHES: chrome plated (Fin. 18) 		0,360 1	1	07112	00	1	
	<ul style="list-style-type: none"> • Top brass hinge for single leaf doors • AVAILABLE FINISHES: chrome plated (Fin. 18) 		0,580 1	1	07113	00	0	
	<ul style="list-style-type: none"> • Top aluminium hinge for swinging doors 		0,190 1	1	07115	00	0	
	<ul style="list-style-type: none"> • Satin brass cover plate • ON REQUEST: • Personalised trademark 		0,380 1	1	07123	00	0	
	<ul style="list-style-type: none"> • Satin stainless steel cover plate • ON REQUEST: • Personalised trademark 		0,395 1	1	07124	00	0	

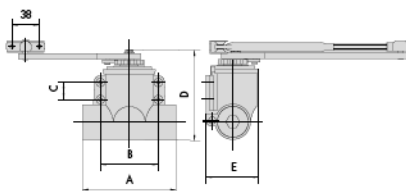
Type	Description	For series/item	 Unit weight  Pieces	ITEM			
				Type	Dim.	Hand	Fin.



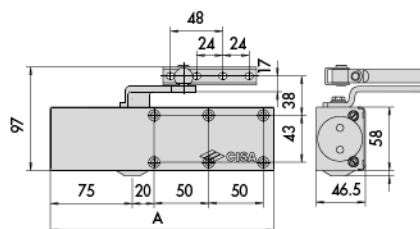
• Lacquered steel wall case

1,050 1 1 07124 50 0





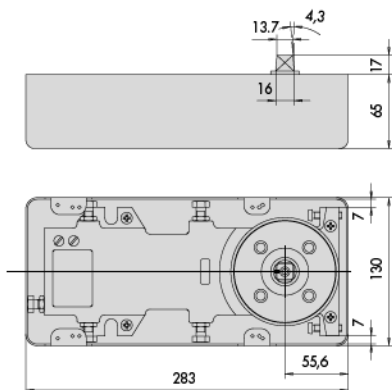
	A	B	C	D	E
1.60130.01	132	75,5	19	144	68
1.60131.01	132	75,5	19	144	68
1.60140.02	137	82	24	124	73
1.60141.02	137	82	24	124	73
1.60150.03	147	92	29	140	81
1.60151.03	147	92	29	140	81
1.60160.04	150	105	31	156	96
1.60161.04	150	105	31	156	96



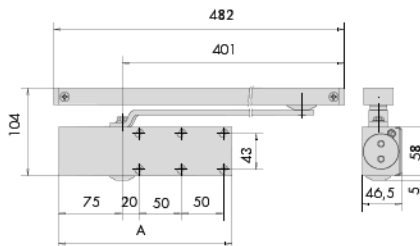
	A	A	
1.71510.03	205	1.71610.03	225
1.71510.05	225	1.71611.03	225
1.71511.03	205	1.71615.03	225
1.71511.05	225		

1

4



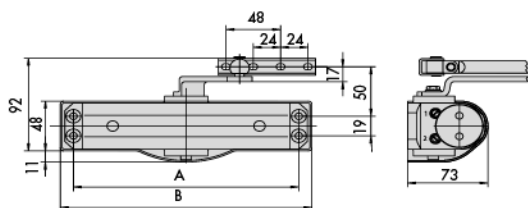
1.60220.60.0, 1.60221.60.0, 1.60222.60.0,
1.60230.60.0, 1.60231.60.0, 1.60232.60.0,
1.60240.60.0, 1.60241.60.0, 1.60242.60.0,



	A
1.72010.01	205
1.72010.02	205
1.72010.03	225
1.72011.01	205
1.72011.02	205
1.72011.03	225
1.72110.03	225
1.72111.03	225
1.72115.03	225

2

5



	A	B
1.D0415.03	165	181
1.D0416.03	165	181
1.D1415.03	165	181
1.D1416.03	165	181
1.71415.05	198	221
1.71416.05	198	221

3