

**DICHIARAZIONE DI CONFORMITÀ / DECLARATION OF CONFORMITY / DÉCLARATION DE CONFORMITÉ
KONFORMITÄTSEKTLÄRUNG / DECLARACION DE CONFORMIDAD / DECLARAÇÃO DE CONFORMIDADE**
(Dir. 98/37/EEC allegato / annex / on annexe / anlage / adjunto / ficheiro IIB)

Fabbricante / Manufacturer / Fabricant / Hersteller / Fabricante / Fabricante:

BFT S.p.a.

Indirizzo / Address / Adresse / Adresse / Dirección / Endereço:

Via Lago di Vico 44
36015 - Schio
VICENZA - ITALY

- Dichiara sotto la propria responsabilità che il prodotto: / Declares under its own responsibility that the following product:
/ Déclare sous sa propre responsabilité que le produit: / Erklärt auf eigene Verantwortung, daß das Produkt: / Declara, bajo su propia responsabilidad, que el producto: / Declara, sob a sua responsabilidade, que o produto:

Motoriduttore per cancelli a battente mod. / Gearmotor for swing gates mod. / Motoréducteur pour portails battants mod. /
Getriebemotor für Drehtore Modell / Motorreductor para cancelas con batiente mod. / Motoredutor para portões de batente mod.

IGEA BT, IGEA LB BT

- È costruito per essere incorporato in un macchinario che verrà identificato come macchina ai sensi della DIRETTIVA MACCHINE. / Has been produced to be incorporated into a machinery, which will be identified as a machine according to the MACHINERY DIRECTIVE. / A été construit pour l'incorporation successive dans un équipement qui sera identifié comme machine conformément à la DIRECTIVE MACHINES. / Dafür konstruiert wurde, in ein Gerät eingebaut zu werden, das als Maschine im Sinne der MASCHINEN-DIREKTIVE identifiziert wird. / Ha sido construido para ser incorporado en una maquinaria, que se identificará como máquina de conformidad con la DIRECTIVA MAQUINAS. / Foi construído para ser incorporado numa maquinaria, que será identificada como máquina em conformidade com a DIRECTIVA MÁQUINAS
- È conforme ai requisiti essenziali di sicurezza delle Direttive: / It complies with the main safety requirements of the following Directives: / Est conforme aux exigences essentielles de sécurité des Directives: / Es entspricht den grundlegenden Sicherheitsbedingungen der Direktiven: / Es conforme a los requisitos esenciales de seguridad de las Directivas: / Está conforme aos requisitos essenciais de segurança das Directivas:

BASSA TENSIONE / LOW VOLTAGE / BASSE TENSION / NIEDERSpannung / BAJA TENSION / BAIXA TENSÃO
73/23/CEE, 93/68/CEE (EN60335-1 ('94)) (e modifiche successive / and subsequent amendments / et modifications successives /
und ihren nachfolgende Änderungen / e modificações sucessivas / y modificaciones sucesivas).

COMPATIBILITÀ ELETTROMAGNETICA / ELECROMAGNETIC COMPATIBILITY / COMPATIBILITÉ ÉLECTROMAGNÉTIQUE /
ELEKTROMAGNETISCHE KOMPATIBILITÄT / COMPATIBILIDAD ELECTROMAGNETICA / COMPATIBILIDADE
ELECTROMAGNÉTICA 89/336/CEE, 91/263/CEE, 92/31/CEE, 93/68/CEE EN50081-1 (1992); EN 61000-3-2 (1995)+ EN
61000-3-2/A1 (1998) + EN 61000-3-2/A2 (1998)+EN 61000-3-2/A14(2000); EN 61000-3-3 (1995), EN 61000-6-2 (2000)) (e
modifiche successive / and subsequent amendments / et modifications successives / und ihren nachfolgende Änderungen / e
modificações sucessivas / y modificaciones sucesivas).

- Si dichiara inoltre che è vietata la messa in servizio del prodotto, prima che la macchina in cui sarà incorporato, sia stata dichiarata conforme alle disposizioni della DIRETTIVA MACCHINE. / We also declare that it is forbidden to start the product before the machinery into which it will be incorporated is declared in compliance with the prescriptions of the MACHINERY DIRECTIVE. / Nous déclarons en outre que la mise en service du produit est interdite, avant que la machine où il sera incorporé n'ait été déclarée conforme aux dispositions de la DIRECTIVE MACHINES. / Es wird außerdem erklärt, daß die Inbetriebnahme des Produkts verboten ist, solange die Maschine, in die es eingebaut wird, nicht als mit den Vorschriften der MASCHINEN-DIREKTIVE konform erklärt wurde. / Se declara, además, que está prohibido instalar el producto antes de que la máquina en la que se incorporará haya sido declarada conforme a las disposiciones de la DIRECTIVA MAQUINAS / Declaramos, além disso, que é proibido instalar o produto, antes que a máquina em que será incorporada, tenha sido declarada conforme às disposições da DIRECTIVA MÁQUINAS

SCHIO, 28/10/2003

Il Rappresentante Legale / The legal Representative
Le Représentant Légal / Der gesetzliche Vertreter
El Representante Legal / O Representante legal


(GIANCARLO BONOLLO)

ORGANISMO NOTIFICATO PER LA CPD N° 1600

BFT S.p.A.
Via Lago di Vico, 44
36015 - Schio (VI)



Test report n°	191/05								
Composed of	4 pages of test report and 25 of attachment								
- date	2005-07-27								
- request	147								
- date	2005-04-21								
Refers to									
- subject	Gate with IGEA BT motor and LIBRA MA								
- main characteristics	<table> <tr> <td>Width and height</td><td>4,975X1,150 m</td></tr> <tr> <td>Weight gate</td><td>200 kg</td></tr> <tr> <td>Motor power</td><td>24 V dc</td></tr> <tr> <td>Sensing edge</td><td>Not present</td></tr> </table>	Width and height	4,975X1,150 m	Weight gate	200 kg	Motor power	24 V dc	Sensing edge	Not present
Width and height	4,975X1,150 m								
Weight gate	200 kg								
Motor power	24 V dc								
Sensing edge	Not present								
- model	-----								
- constructor	BFT S.p.A. Via Lago di Vico, 44 - 36015 Schio (VI)								
- registration n°	CERT 0147/05								
- date of arrival	---								
- date of tests	2005-06-22								

Sede Legale:
c/o Camera di Commercio Industria
Artigianato Agricoltura
Piazza Borsa, 3/B 31100 Treviso (TV)
Cod. Fisc. 80009550262
P.IVA 00484170261
Tel. 0422/5951
www.tv.camcom.it

Sede Principale:
Centro Cristallo, Via Roma 4
31020 Lancerigo di Villorba (TV)
Tel. 0422/608858 - Fax 0422/608866
Videoconferenza 0422/910201
www.tvtecnologia.it
tinet@tvtecnologia.it

Unità Operativa:
CERT Centro di Certificazione e
Test di Treviso Tecnologia
Via Pezza Alta, 34
31046 Rustignè di Oderzo (TV)
Tel. 0422/852016 - Fax 0422/852058
Videoconferenza 0422/852138
www.cert.tvtecnologia.it
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Laboratory Technician Matteo Dazzan 	Laboratory Technical Manager Alessandro Cibin
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Measurement of force - UNI EN 12453(2002) point 5

- Environmental conditions of test: Temperature: 33,0 °C
Humidity: 28,0 % U.R.
- Set-up of test sample: Slow-down speed: 3
Opening slow-down torque: 18 %
Closing slow-down torque: 18 %

Opening of the wing 50 mm, between the primary edge and the opposite edge

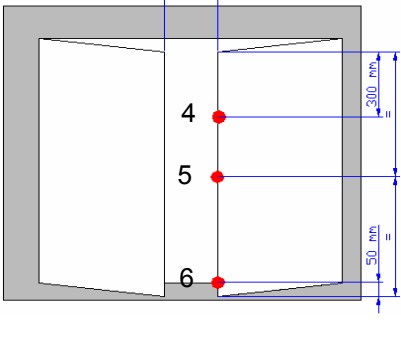
The diagram illustrates a vertical cross-section of a wing. Three measurement points are marked with red dots and labeled 1, 2, and 3 from top to bottom. Blue dimension lines indicate the following measurements: a horizontal opening of 50 mm at the top; a vertical distance of 300 mm between points 1 and 2; a vertical distance of 50 mm between points 2 and 3; and a total vertical height of 350 mm from the base to the top edge.

Test n°	Dynamic force [N]		
	Point 1	Point 2	Point3
1	179	320	326
2	217	302	355
3	195	297	388
Average	197,0	306,3	356,3
Test n°	Static force [N]		
	Point 1	Point 2	Point3
1	7	9	8
2	16	29	11
3	29	22	29
Average	17,3	20,0	16,0
Test n°	Final force [N]		
	Point 1	Point 2	Point3
1	0	6	1
2	1	3	1
3	2	1	0
Average	1,0	3,3	0,7
Test n°	Dynamic time [s]		
	Point 1	Point 2	Point3
1	0,06	0,45	0,49
2	0,07	0,28	0,49
3	0,33	0,25	0,49
Average	0,15	0,33	0,49

The average forces found are within the limits defined in the UNI EN 12453(2002) req.

The average forces found are within the limits defined in the UNI EN 12453(2002) reg.

Opening of the wing 300 mm, between the primary edge and the opposite edge



Test n°	Dynamic force [N]		
	Point 4	Point 5	Point 6
1	208	206	348
2	260	173	382
3	224	211	412
Average	230,7	196,7	380,7
Test n°	Static force [N]		
	Point 4	Point 5	Point 6
1	10	21	8
2	20	8	2
3	9	5	26
Average	13,0	11,3	12,0
Test n°	Final force [N]		
	Point 4	Point 5	Point 6
1	0	0	0
2	0	0	0
3	0	0	2
Average	0,0	0,0	0,7
Test n°	Dynamic time [s]		
	Point 4	Point 5	Point 6
1	0,29	0,07	0,27
2	0,06	0,07	0,44
3	0,03	0,30	0,61
Average	0,13	0,15	0,44

The average forces found are within the limits defined in the UNI EN 12453(2002) req.

The average forces found are within the limits defined in the UNI EN 12453(2002) reg.

- Machines / equipment used: Force tester Microtronics BlueForce.
- Description of the test: The test was carried out according to the UNI EN 12445(2002) regulation Point 5 and UNI EN 13241-1(2004) regulation Point 4.3.3.
- Notes: The test was carried out on a specimen prepared and installed by the firm BFT S.p.A. via Lago di Vico 44 - 36015 Schio (VI).
- Date of test: 2005-06-22

Measurement of force - UNI EN 12453(2002) point 5

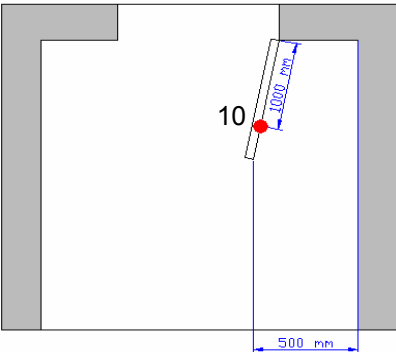
- Environmental conditions of test: Temperature: 33,0 °C
Humidity: 28,0 % U.R.
- Set-up of test sample: Slow-down speed: 3
Opening slow-down torque: 18 %
Closing slow-down torque: 18 %

Opening of the wing 500 mm, between the primary edge and the opposite edge

Diagram illustrating the test setup for a window frame. The opening width is 500 mm. The distance between the primary edge and the opposite edge is 300 mm. The distance between the primary edge and the opposite edge is 50 mm.

Test n°	Dynamic force [N]		
	Point 7	Point 8	Point 9
1	172	256	234
2	243	273	219
3	275	302	195
Average	230,0	277,0	216,0
Test n°	Static force [N]		
	Point 7	Point 8	Point 9
1	20	6	3
2	11	23	7
3	9	7	6
Average	13,3	12,0	5,3
Test n°	Final force [N]		
	Point 7	Point 8	Point 9
1	4	4	0
2	2	4	3
3	0	0	0
Average	2,0	2,7	1,0
Test n°	Dynamic time [s]		
	Punto 7	Punto 8	Punto 9
1	0,04	0,51	0,48
2	0,08	0,51	0,29
3	0,36	0,54	0,27
Average	0,16	0,52	0,35

The average forces found are within the limits defined in the UNI EN 12453(2002) reg.

Opening of the wing 500 mm, between the back edge and the adjacent sides		
	Test n°	Dynamic force [N]
		Point 10
	1	267
	2	351
	3	381
	Average	333,0
	Test n°	Static force [N]
		Point 10
	1	24
	2	9
	3	10
	Average	14,3
	Test n°	Final force [N]
		Point 10
1	1	
2	2	
3	0	
Average	1,0	
Test n°	Dynamic time [s]	
	Point 10	
1	0,72	
2	0,75	
3	0,72	
Average	0,73	

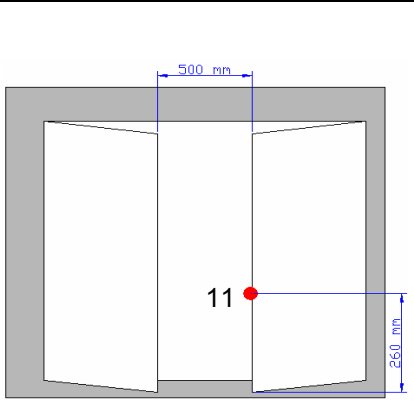
The average forces found are within the limits defined in the UNI EN 12453(2002) req.

- Machines / equipment used: Force tester Microtronics BlueForce.
- Description of the test: The test was carried out according to the UNI EN 12445(2002) regulation Point 5 and UNI EN 13241-1(2004) regulation Point 4.3.3.
- Notes: The test was carried out on a specimen prepared and installed by the firm BFT S.p.A. via Lago di Vico 44 - 36015 Schio (VI).
- Date of test: 2005-06-22

Test report n° 191/05

Measurement of force - UNI EN 12453(2002) point 5

- Environmental conditions of test: Temperature: 33,0 °C
Humidity: 28,0 % U.R.
- Set-up of test sample: Slow-down speed: 3
Opening slow-down torque: 18 %
Closing slow-down torque: 18 %

Opening of the wing 500 mm, between the primary edge and the opposite edge		
Point chosen by the laboratory		
	Test n°	Dynamic force [N]
		Point 11
	1	237
	2	284
	3	344
	Average	288,3
	Test n°	Static force [N]
		Point 11
	1	3
	2	10
	3	8
	Average	7,0
	Test n°	Final force [N]
		Point 11
	1	0
	2	3
	3	1
	Average	1,3
	Test n°	Dynamic time [s]
		Point 11
	1	0,26
	2	0,26
	3	0,46
	Average	0,33

The average forces found are within the limits defined in the UNI EN 12453(2002) reg.

- Machines / equipment used: Force tester Microtronics BlueForce.
- Description of the test: The test was carried out according to the UNI EN 12445(2002) regulation Point 5 and UNI EN 13241-1(2004) regulation Point 4.3.3.
- Notes: The test was carried out on a specimen prepared and installed by the firm BFT S.p.A. via Lago di Vico 44 - 36015 Schio (VI).
- Date of test: 2005-06-22

