

## Declaration of Performance (DoP)

### DoP BETA-020

For “Power operated sliding gates”

Minimum windload: **class 2**

**BETA-020**

<b>Unique identification code of product type</b>	BETA-020
<b>Serial number</b>	YY-XX0000 (marked in each gate) <i>YY = Last 2 digits of manufacturing year</i> <i>XX = 2 letter identifying Production Plant</i> <i>0000 = 4 correlative numbers</i>
<b>Intended use</b>	Power operated sliding gate
<b>Name / contact address manufacturer</b>	<b>Betafence NV</b> Blokkestraat 34b 8550 Zwevegem / BELGIUM
<b>System of assesment and verification of constancy of performance of the gate</b>	System 3
<b>Harmonized standard</b>	EN 13241-1 (89/106/EWG; 98/37/EG; 2004/108/EG; 73/23/EEG)
<b>Notified body number</b>	1161 TCHN 0044 TÜV
<b>Performed task</b>	<b>Windload calculation</b>
<b>Certificate numbers</b>	
<b>Sliding gates</b>	
<b>- on rail</b>	Rob 12x2,4: Class 2 TCHN. - 5212c in 2005 Rob 6x2,4 / 9x2,4 / 14x2,4: Class 4 by TÜV calculation: 10 325 382022 in 2010 Egidia Basic on rail (until 6x2): Class 2 TCHN 30588 in 2013
<b>- cantilever</b>	Bekamatic SC standard solution for gates higher than 2.4m until 4m: windload calculation for gates 4m height with bars and securifor infill, underbeam R2800: minimum windload class 2. TCHN report 150488c 28/08/2015 Bekamatic SC special gate until 8x3 R2000 (Statnett): minimum windload class 2. TCHN report 150736 12/10/2015 R2000 Robusta cantilever double wing: 2 wings x 9 x 2 = 18 x 2 m. Class 3 TCHN Report 150488a from 28/02/2015 R2800 Robusta cantilever double wing: 2 wings x 12 x 2.4 = 24 x 2 m. Class 2 TCHN Report 150488b from 28/02/2015 R2000 7x1,7 m securifor infill / SSGP 120x80x3 /DSEP Class 2 TCHN. - 00643-1 in 2010 R1650 7x2 m: Class 2 TCHN.- 5212k in 2005 R2000 9x2 m: Class 2 TCHN.- 5212l in 2005 R2000 9x2,4 m: Class 2 TCHN.- 00380 in 2010 R2800 12x2,4 m securifor infill / DSGP / DSEP or EP in line Class 2 TCHN. - 00643-2 in 2010 Egidia SC cantilever (until 9x2.4): Class 4 TCHN 150107 in 12/2/2015 Egidia SC 1000 line, 9x2,4m with FAAC 844 at fixed speed of 9m/min with Pressure strips ASO SENTIR 85ST on the wing and ASO SENTIR 65ST on the guiding post is conform EN13241-1 -> Wood.be.- Report 160651/3 from 30/11/2016

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<b>Harmonized standard</b>	Method EN12445; Requirements EN 12453
<b>Notified body number</b>	1161 TCHN
	1002 SP Technical Research Institute of Sweden
	0679 CSTB
<b>Performed task</b>	<b>Safety in use of power-operated sliding gate - measuring of FORCE LIMITATION</b>
<b>Certificate numbers</b>	
<b>Sliding gates</b>	
<b>- on rail</b>	Egidia Basic on rail – FAAC721 with passive pressure strips until 6x2m and 225Kg. Conform EN12453 -> CSTB ref.- BV13-548F
	Egidia Basic on rail – FAAC721 with Active pressure strips until 6x2m and 225Kg. Conform EN12453 -> CSTB ref.- BV13-548G
	Robusta on rail – FAAC721 with Active pressure strips until 9x2.2m and 540Kg. Conform EN12453 -> CSTB ref.- BV13-548C
	Robusta on rail – FAAC746 with Active pressure strips until 9x2.2m and 540Kg. Conform EN12453 -> CSTB ref.- BV13-548D
	Robusta Plus.- RAIL2000 14x2,4m. Weight 860 kg. Conform EN12453 -> TCHN. 00321/4 in 2010
	Robusta Plus.- RAIL1500 9x2,4m.+ extra weight. Weight 400 Kg Conform EN12453 -> TCHN. 00321/3 in 2010
	Robusta Plus.- RAIL1000 6x2,4m. Weight 280 Kg. Conform EN12453 -> TCHN. 00321/2 in 2010
	Robusta SR 500 Line & 1000 Line - Robusta Plus.- RAIL2000 14x2,4m. to EN12445:2000 -> TCHN. 140296-7 in 2014 with motor 844/746 active press strip wing and guiding post
	Robusta SR 100 Line - Robusta Plus - RAIL2000 14x2,4m. to EN12445:2000 -> TCHN. 140296-8 in 2014 with motor 721 passive press strip on the wing and active on the guiding post
<b>- cantilever</b>	Robusta Plus.- R2000 9x2 m + extra weight. Weight 735Kg. Conform EN12445 -> TCHN. 00321/1 in 2010
	Robusta SC 500 Line & 1000 Line - Robusta Plus.- cantilever 9x2,m. Conform EN12445:2000 -> TCHN. 140296-5 in 2014 with motor 844/746 active press strip wing and guiding post
	Robusta SC 100 Line - Robusta Plus - cantilever 9x2,m. Conform EN12445:2000 -> TCHN. 140296-6 in 2014 with motor 721 passive press strip on the wing and active on the guiding post
	Force regulation certification for Bekamatic SC-27 FD: 8x3m at 27m/min speed, equipped with DAAB EP104 and C850 motor from FAAC, wireless system JCM Transbord and safety strips Bircher and ASO, both tested. SP Certification Body. Report 5P08241, 10/11/2015
	Bekamatic 2800/2000 INDUSTRY (motor in cabinet), 12x2,4m with FAAC EP-104-01 SP conform EN13241-1 -> SP.- 3P03215B in 2013
	Bekamatic Classic 2000 (motor in the underbeam), 9x2m, TCHN conform EN12453 -> TCHN. 6194 in 2006
	Bekamatic Classic 2800 (motor in the underbeam), 12x2,4m TCHN conform EN12453 -> TCHN. 6343-2 in 2006
	Bekamatic SC 5000 Line - Bekamatic 2800/2000 INDUSTRY (motor in cabinet), 12x2,4m TCHN conform EN12453 -> TCHN. 6343-1 in 2006
	Bekamatic SC 10000 Line - Bekamatic 2800/2000 INDUSTRY (motor in cabinet), 12x2,4m with DAAP EP-104-01 SP conform EN13241-1 -> SP.- 3P03215B in 2013
	Egidia SC.- cantilever 9x2,4m. Conform EN 12445:2000 -> TCHN. 150225 in 17/02/2015 with motor 746 and active press strip in wing and guiding post

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<b>Harmonized standard</b>		
<b>Notified body number</b>	Wood.be 1161	
<b>Performed task</b>	<b>Force regulation</b>	
<b>Certificate numbers</b>		
<b>Sliding gates</b>		
<b>- on rail</b>		
<b>- cantilever</b>	Bekamatic SC 5000 line, 12x2,4m with FAAC E145 at fixed speed of 9m/min with Pressure strips ASO SENTIR 65ST is conform EN13241-1 -> Wood.be.- Report 160651/1 from 30/11/2016	
	Bekamatic SC 5000 line, 12x2,4m with FAAC E145 at fixed speed of 9m/min with Pressure strips BIRCHER ELE 40/081 is conform EN13241-1 -> Wood.be.- Report 160651/5 from 30/11/2016	
	Bekamatic SC 6000 line, 12x2,4m with FAAC E145 at fixed speed of 12m/min with Pressure strips ASO SENTIR 65ST on the wing and ASO SENTIR 85ST on the guiding post is conform EN13241-1 -> Wood.be.- Report 160651/6 from 30/11/2016	
	Robusta SC 1000 line, 12x2,4m with FAAC 844 at fixed speed of 9m/min with Pressure strips ASO SENTIR 65ST on the wing and on the guiding post is conform EN13241-1 -> Wood.be.- Report 160651/4 from 30/11/2016	
	Egidia SC 1000 line, 9x2,4m with FAAC 844 at fixed speed of 9m/min with Pressure strips ASO SENTIR 85ST on the wing and ASO SENTIR 65ST on the guiding post is conform EN13241-1 -> Wood.be.- Report 160651/3 from 30/11/2016	
<b>Declared performance</b>		
<b>- Essential characteristics</b>	wind resistance	force limitation
<b>- Performance</b>	class 2	conform
<b>- Harmonized technical specs.</b>	EN 13241-1	EN 12445 and EN 12453
<b>Signed by</b>		
<b>Name</b>	KOEN DE BACKER	
<b>Function</b>	Operations Manager	
<b>Place</b>	Zwevegem	
<b>Date of issue</b>	2016/11/30	
<b>Signature</b>		