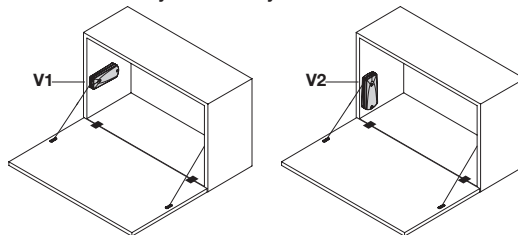


GRASS KINVARO D-S/D-M FLAP STAY WITH PULL CABLE

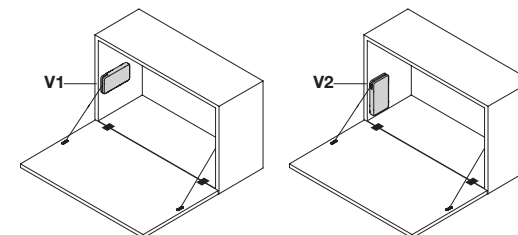
This Kinvaro flap stay from Grass has an unobtrusive design for any type of furniture application, with a choice of white or black finish, with integrated damper to open softly. D-M version also includes gentle closing and spring force adjustment.



Install horizontally or vertically



Kinvaro D-S



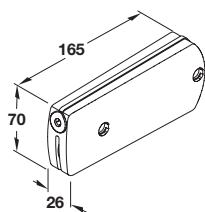
Kinvaro D-M

Calculation of flap weight: Flap width x flap height x flap thickness x density¹ + weight of handle² = weight of flap

¹ Densities: MDF board 0.85 kg/dm³, chipboard 0.65 kg/dm³, spruce/pine 0.45 kg/dm³

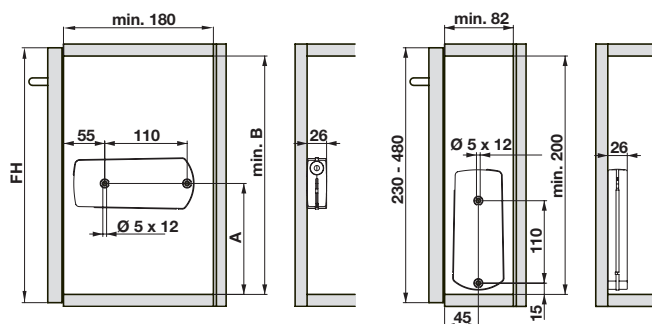
² Bar handles must be entered with 0.1 kg per 100 mm of handle length. We recommend a trial fitting.

Grass Kinvaro D-S flap stay with pull cable



- > Damped opening
- > Opening angle adjustable via length of pull cable
- > Can be used with shallow cabinets from 82 mm depth
- > Flap height 200-480 mm
- > Unhanded
- > Easy to install horizontally or vertically
- > Cover cap, plastic included
- > Plastic
- > Order qty: 1 pc

Drill position and space required



FH	A	B
200 - 270	135	173
270 - 480	148	186

Minimum gap and door protrusion depend on the fitted hinge.

Front	V1 & V2 - installed horizontally or vertically			
Height	Flap weight including handle (kg)			
(FH)	Spring 40N		Spring 60N	
	1x	2x	1x	2x
200-270	1.7-3.0	3.9-4.5	3.1-4.0	7.5-8.0
270-330	1.7-3.0	3.3-4.5	3.1-4.0	6.1-7.4
330-380	1.7-1.9	3.2-3.5	2.9-3.5	5.1-6.8
380-430	1.5-1.8	2.7-3.3	2.5-3.3	4.8-6.6
430-460	1.2-1.7	2.5-3.1	2.3-3.3	4.6-6.0
460-480	-	-	2.2-2.8	4.4-5.3

GRASS
25
YEAR
WARRANTY

Fixings
included

Spring	White	Black
40N	372.90.207	372.90.203
60N	372.90.217	372.90.213

YOU ALSO NEED:



TIOMOS FLAP HINGES
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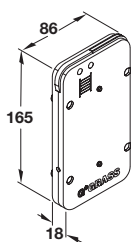
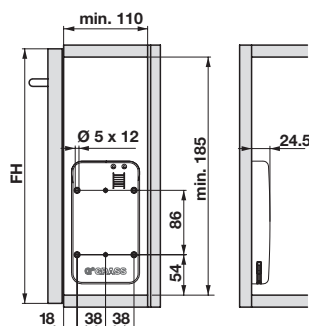
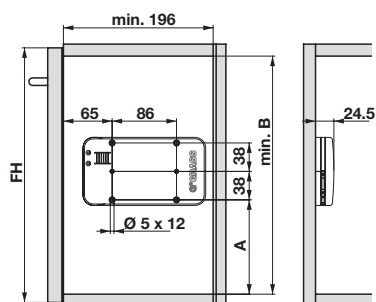
Grass Kinvaro D-M flap stay with pull cable, with spring force adjustment



- > Damped opening and gentle closing
- > Opening angle adjustable via length of pull cable
- > Spring force adjustment
- > Can be used with shallow cabinets from 110 mm depth
- > Flap weight up to 10 kg
- > Flap height 200-480 mm
- > Unhanded
- > Easy to install horizontally or vertically
- > Plastic
- > Order qty: 1 pc

Cover cap not included - order separately

Drill position and space required



FH	A	B
200 - 330	102	194
330 - 430	126	218
430 - 480	136	228

Minimum gap and door protrusion depend on the hinge fitted.



Order cover cap separately in choice of colour shown below

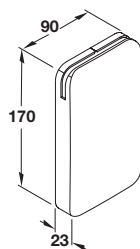
Front V2 - installed vertically								
Height Flap weight including handle (kg)								
(FH)	Spring 60N		Spring 100N		Spring 160 N		Spring 200N	
	1x	2x	1x	2x	1x	2x	1x	2x
200-230	4.1-5.9	-	5.3-7.3	-	-	-	-	-
230-270	3.3-4.8	6.8-9.6	4.2-6.0	9.6-12.8	-	-	-	-
270-330	3.2-4.5	6.3-8.1	3.8-5.1	7.9-11.1	5.3-6.5	10.7-12.9	-	-
330-380	2.6-3.4	5.0-6.5	3.3-4.5	7.3-8.5	4.8-5.6	9.8-11.4	6.7-7.3	11.8-13.0
380-430	2.5-3.4	5.0-6.2	3.2-4.2	6.2-8.2	6.1-8.0	9.0-10.4	5.9-6.6	13.3-14.9
430-460	2.3-3.0	4.6-6.2	3.0-3.8	6.2-7.8	4.6-5.4	12.9-15.5	5.6-6.6	11.4-12.2
460-480	2.4-3.2	4.6-6.0	2.8-4.0	5.6-7.8	4.5-5.4	8.8-10.4	5.4-6.0	10.8-11.6

GRASS
25
YEAR
WARRANTY

Fixings
included

Spring	Grey
60N	372.90.115
100N	372.90.135
160N	372.90.165
200N	372.90.185

Grass Kinvaro D-M cover cap



- > Plastic
- > Order qty: 1 pc

Finish	White	Black
Cat.No.	372.90.901	372.90.900

YOU ALSO NEED:



TIOMOS FLAP HINGES
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