



Barracuda & Stingray

Flap fitting with brake mechanism

Barracuda

Barracuda: this brake fitting with traction cable for wooden flaps and aluminium frames will be mounted under the top panel. From there it secures the flap when it is opened or closed and allows a soft braking.

Casing

The casing consists of anodised aluminium.

Traction cable

The traction cable made of stainless steel features a sheathing of wear-resistant plastic.

Fitting situation

The mounting is made under the top panel of the cabinet. The panel side remains free. The Barracuda can be assembled on the right-hand or on the left-hand side.

Measurements

The casing measurement is 46 x 25 mm.

Mounting depths:

Version S + M: min. 310 mm

Version L: min. 230 mm

Range of application

Flap height: 200 – max. 550 mm

Flap weight: 1.5 – max. 12 kg

Convenience function

The brake force and the opening angle can be adjusted individually, the self-closing happens smoothly.

Handle-less fronts

For the use with handle-less fronts the Barracuda can be combined with different push-on fittings.



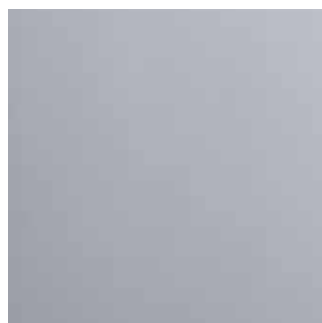
You will find further information as well as a mounting instruction for the product via: www.knoke.eu/barracuda-en



Finishes

The Barracuda is available in two casing versions:

- › Anodised aluminium (E6/C0)
- › Aluminium with stainless steel effect (E2/ES)



Anodised aluminium (E6/C0)



Aluminium with stainless steel effect (E2/ES)

Front versions

The Barracuda can be combined with different fronts. By means of its almost invisible assembly this flap fitting is particularly suitable for aluminium frame fronts. Of course you can also use fronts made of chipboard, MDF or solid wood. Customised adaptations are possible for a large number of different profiles – please do not hesitate to contact us.



Table of standard values

For determining the correct version

Quantity and version	Flap weight													
	1.5 to 2.8 kg		2.8 to 3.5 kg		3.5 to 4.5 kg		4.5 to 5.5 kg		5.5 to 7 kg		7 to 9 kg		9 to 12 kg	
Flap height	Spring type													
	S	M	S	M	S	M	S	M	S	M	S	M	S	M
550 mm	–	–	–	–	–	–	0	2	1	1	1	1	2	0
500 mm	0	1	0	1	0	2	0	2	1	1	1	1	2	0
450 mm	0	1	0	1	0	2	0	2	1	1	1	1	2	0
400 mm	0	1	0	1	0	2	0	2	1	1	1	1	–	–
350 mm	0	1	1	0	0	2	0	2	1	1	1	1	–	–
300 mm	0	1	0	1	1	0	0	2	0	2	0	2	–	–
Flap height	Spring type													
	L	L	L	L	L	L	L	L	L	L	L	L	L	L
280 mm	1	1	2	2	2	–	–	–	–	–	–	–	–	–
250 mm	1	1	2	2	2	–	–	–	–	–	–	–	–	–
200 mm	1	1	2	2	2	–	–	–	–	–	–	–	–	–

Mounting depths:
 S (heavy spring): min. 310 mm
 M (medium spring): min. 310 mm
 L (light spring): min. 230 mm

In each case the Barracuda is available in right or left version.



Assembly

In the development of the Barracuda the simple as possible mounting has been given top priority:

- 1 First screw on the retaining plate according to the drawing.



- 2 Then push the Barracuda onto the pre-assembled retaining plate. The casing is held securely in its end position by means of a fixation screw.

- 3 The brake force and the opening angle can simply and comfortably be adjusted.



- 4 Finally only the cover cap has to be pressed onto the brake flap fitting. Done.

Stingray

Stingray: this brake fitting gently hugs the cabinet side wall, flush and space-saving. When opening the flap it is already smoothly stopped. The additional end stop damping slows down until the opening angle has reached its maximum.

Casing

The casing consists of impact resistant plastic (ABS). It is thus perfect for painting and can e. g. be adapted optimally to the cabinet colour. For further information on the range of lacquers please contact your specialist retailer for painting. It is available in two basic colours: white (similar to RAL 9010) and light grey (similar to RAL 7035).

Traction cable

The Stingray traction cable is made of high-quality stainless steel.

Front versions

The Stingray is designed for the use of fronts made of chipboard, MDF or solid wood. Customised solutions are also available on request, e. g. for the use of aluminium frame fronts.

› maximum front weight: 8 kg

Handle-less fronts

For the use with handle-less fronts the Stingray can be combined with different push-on fittings.



You will find further information as well as a mounting instruction for the product via: › www.knoke.eu/stingray-en

Flap weight/kg	Spring type	Quantity of fittings
1	spring 1	1
2	spring 2	1
3	spring 2	1
4	spring 2	1
5	spring 2	2
6	spring 2	2
7	spring 2	2
8	spring 2	2

Dimensioning of the Stingray depending on the flap weight



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Quality, customer service and confident cooperation have been on top of the scale of values since the foundation of the company in the year 1993. By means of these principles KNOKE Beschlagtechnik has not only turned into an established service provider for the local furniture industry but has taken a significant step forward by opening up a number of international markets.

Our competence within the treatment of aluminium profiles and glass elements as well as our expertise in the range of assembly technology make us a leading partner for the development of customised solutions worldwide. The successful placement of own products in international markets reinforces our position as a specialised initiator within our branch.

Today more than 20 highly committed employees design and produce roller shutters, furniture fittings and a great deal of pleasure for our customers in over 30 countries.