



MORCO 

Classic Folding-Arm Awning







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# MORCO |

## Classic Folding-Arm Awning



We understand that some customers want benefits of a heavy-duty Folding-Arm awning but wish to conserve budget for other outgoings, and with this in mind, we offer our Classic Folding-Arm system. We will never compromise the quality of our awnings in order to sell cheaply produced products that are likely to cause the owner nothing but trouble. This is a strong heavy-duty system that comes with a protective hood that sits above the awning and protects it from the elements.

# MORCO

Classic Folding-Arm Awning







## Classic Folding-Arm Awning

### History

Morco was founded in London in 1956 by Mr. G.H. Morrison as a specialist manufacturer of canopies, covers, sails and tarpaulins for London's busy waterways. His popularity with employees and customers saw his business grow steadily. In 1967, Morco moved to their current Riverside location on the Greenwich Peninsula. 1978 saw his son George take over the company and he was keen to put his design background to use. George soon began constructing specialist awning on a much larger scale. With his obsessive eye for detail and quality, Morco soon gained a reputation across the UK for producing outstanding awnings.



### Present Day

For over 50 years, we have established ourselves as the London's leading design and manufacturer of custom-made awnings and canopies. We remain a family run business that prides itself on its heritage. There remains a dedicated and skilful team of craftsman and designers who all play a vital role in Morco's success story. The majority of products are still hand-built in our London workshop and a small amount are produced in Germany. Morco are keen to lead and invest heavily in pioneering new techniques or developing materials to both improve our end product and also deliver more options to our customers.







## Classic Folding-Arm Awning

### Design

Morco have a talented and experienced design team who are skilled at collaborating with architects, design teams, contractors or working independently to produce the best awning solution. We are able to provide sophisticated 3D-modelling on request, as well as supplying fabric samples. Morco also offer clients the opportunity to utilise their cutting-edge RAGS branding and pattern system which has revolutionised the traditional design parameters.



### Craftsmanship

Our manufacturing team are dedicated and skilled craftsmen who are proud of maintaining Morco's on-going reputation for producing awnings of outstanding build quality. Our attention to detail is second to none and is a key element in ensuring every awning manufactured in the workshop is constructed to the highest standard.









## Classic Folding-Arm Awning

### Application

The Classic Folding-Arm is a slim but strong non-fully cassetted awning that is suitable for the majority of shop fascias as well as residential homes. It is extremely versatile and can be installed in various ways to fit into all kinds of different structural situations. This is a strong heavy-duty system that comes with a protective hood that sits above the awning and protects it from the elements. One of our most popular awnings.



### Construction

The Classic Folding-Arm awning is a robust and durable option for your home or commercial property and has a front profile extremely resistant to twist and deflection. All the metalwork is powder coated and the cover and valance can be chosen from a wide range of fabric colours. Both are also suitable for branding application.









## Classic Folding-Arm Awning

### Finishing

With a range of fabric colours and metal finishes available, the Classic Folding-Arm awning offers endless possibilities to suit any setting. All finishes also give the Classic greater resilience - metalwork is powder coated and the fabric is solution dyed and protected to maintain resistance throughout the life span of the awning and withstand the most demanding weather conditions. There are a number of colour options and finishes for the metalwork and the canvas can be chosen from a wide range of colours or utilise Morco's RAGS branding and pattern system.



### Customisation

The Classic Folding-Arm awning is fully customisable. There is a wide range of colours for the cover fabric which we can further customise using our unique RAGS branding process. For opening and closing operation, the Classic provides two options, either a Soft-Gear Full Winding Control or an Electro-Smart Automated Control. The Classic can also come with weather sensitive sensors. These include a vibration sensor that retracts the awning automatically in windy conditions, or a sensor that can automatically extend the awning in rainy or sunny weather.













## Classic Folding-Arm Awning | Overview



**Maximum width:** 1 section: 7.0 m | 2 sections: 12 m

**Maximum projection:** 4.0 m (subject to suitable fixing height).

**Pitch:** from 10° to 40°.

**Operation:** electric (either side of the roller) or manual (winding handle).

\*Note: if the awning's angle of pitch is less than 25% = 14°, measured from the horizontal, it must not be opened in the rain. There is a risk of puddles forming in the fabric which could damage the awning or cause it to fall.





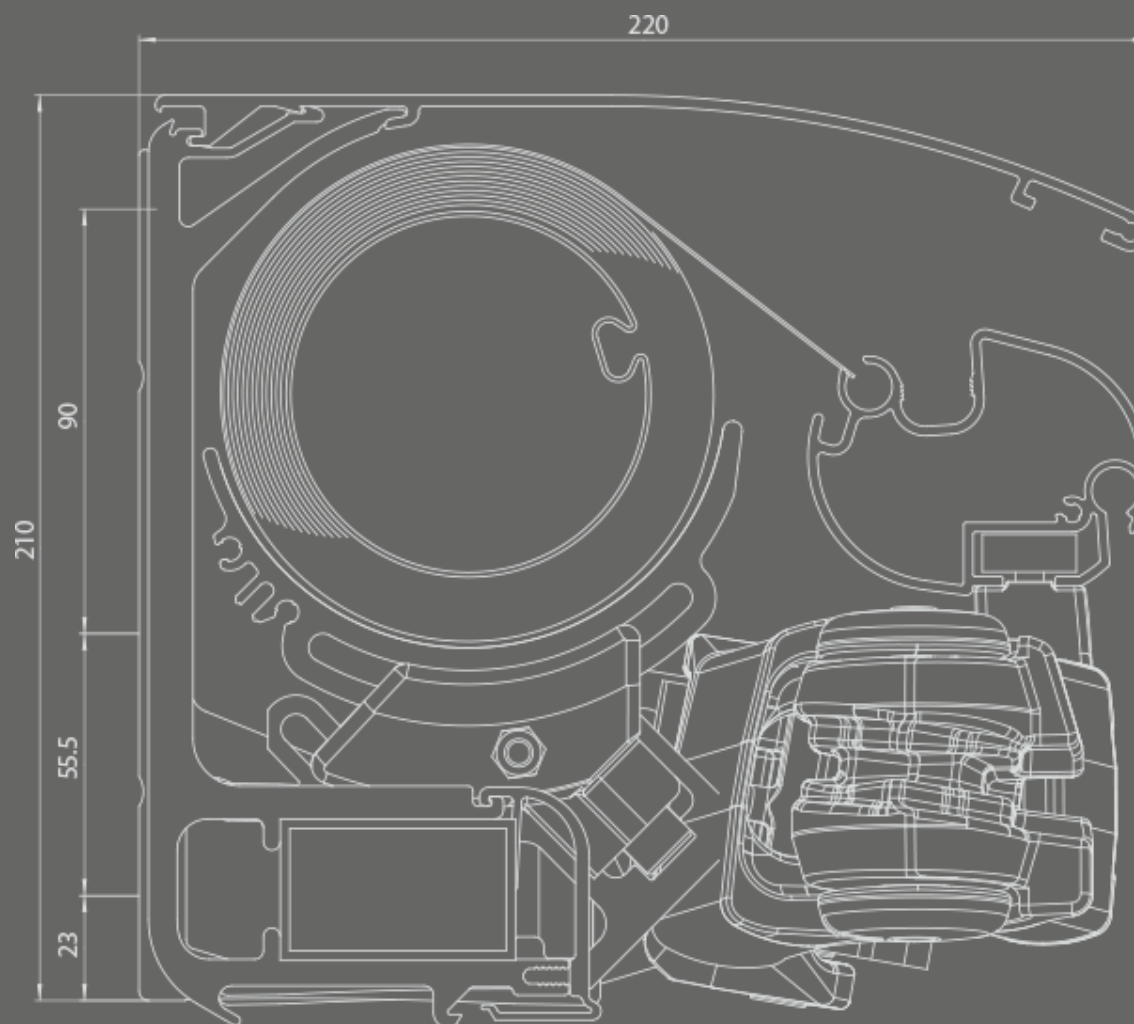


Housing

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Classic Folding-Arm Awning | Housing | Wall Mounted



**Width:** Up to 7.0 m (1 sect on). Up to 12 m (2 sect ons).

**Projection:** Up to 4.0m.

**Pitch:** From 10° to 40°.

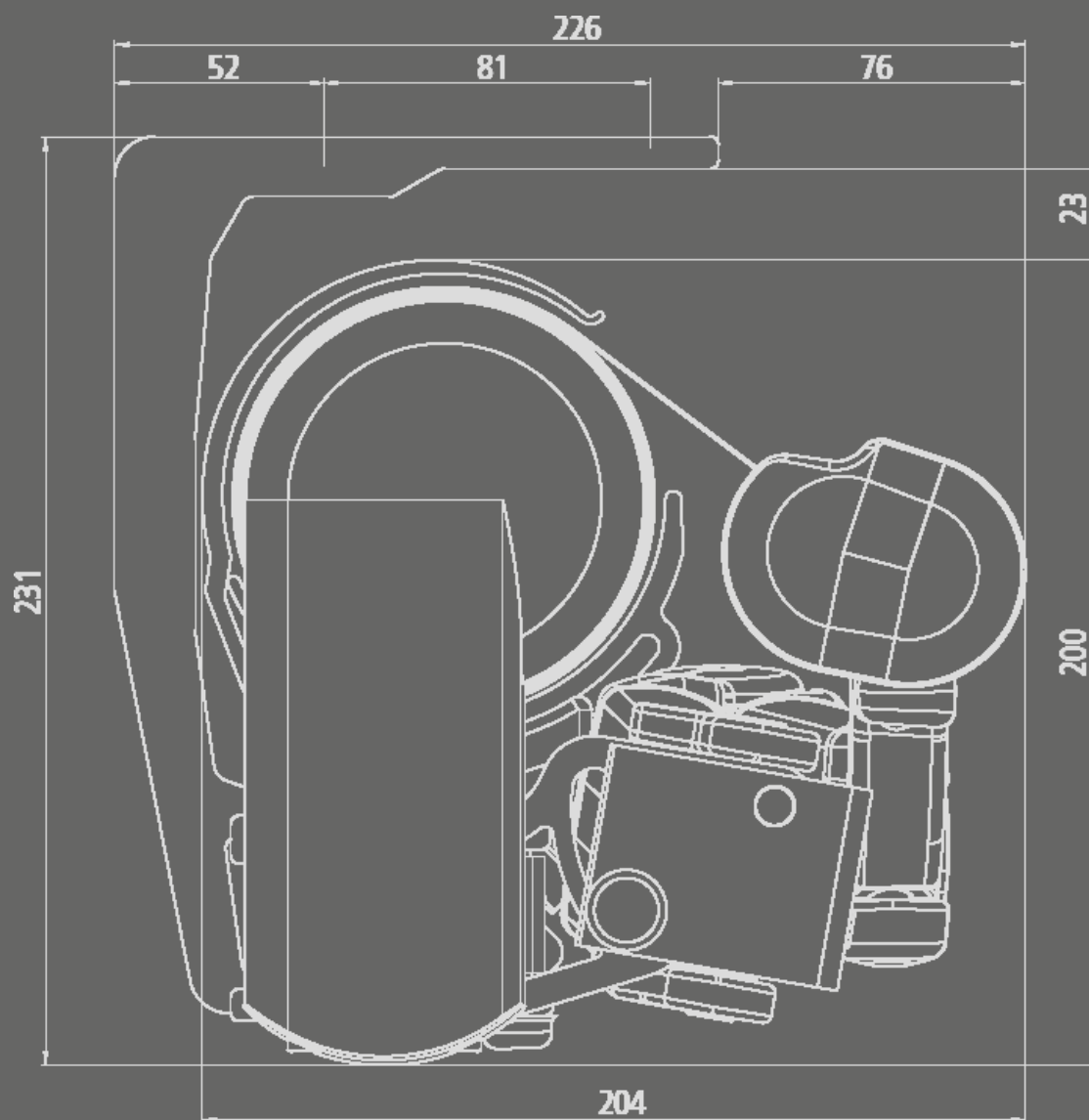
**Fixing positions:** Face fixed (see page 23).



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Classic Folding-Arm Awning | Housing | Top Fixed



**Width:** Up to 7.0 m (1 section). Up to 12 m (2 sections).

**Projection:** Up to 4.0m.

**Pitch:** From 10° to 40°.

**Fixing positions:** Top fixed.



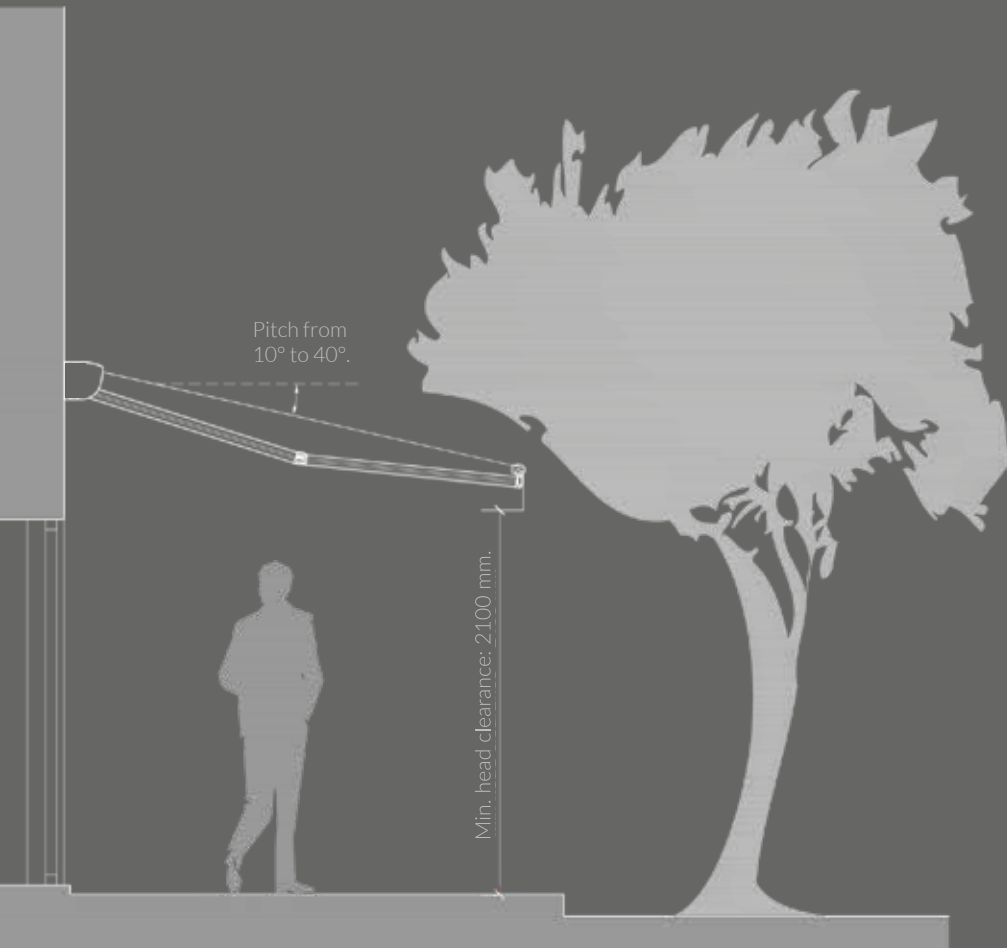
Arm



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## Classic Folding-Arm Awning | Arm

### Typical Cross Section



**Minimum head clearance:** 2.1 m

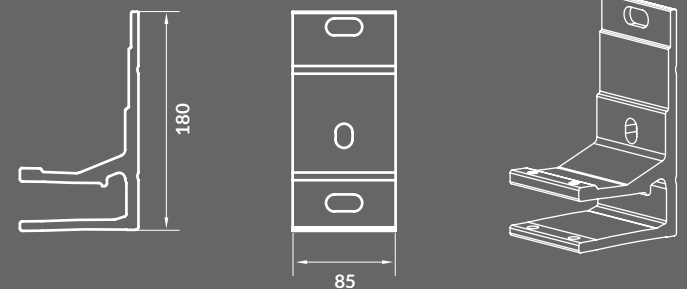
**Maximum projection:** 4.0 m

**Maximum width:** 7.0 m | 12 m

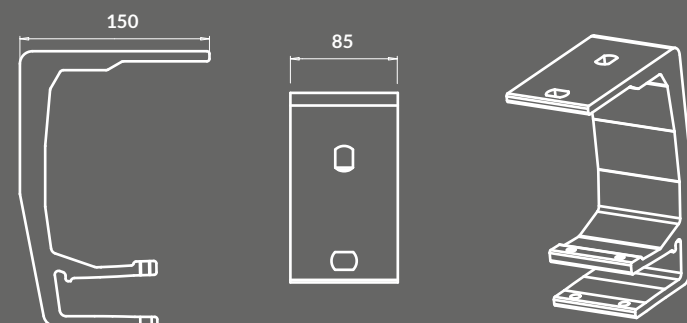
**Pitch:** from 10° to 40°.

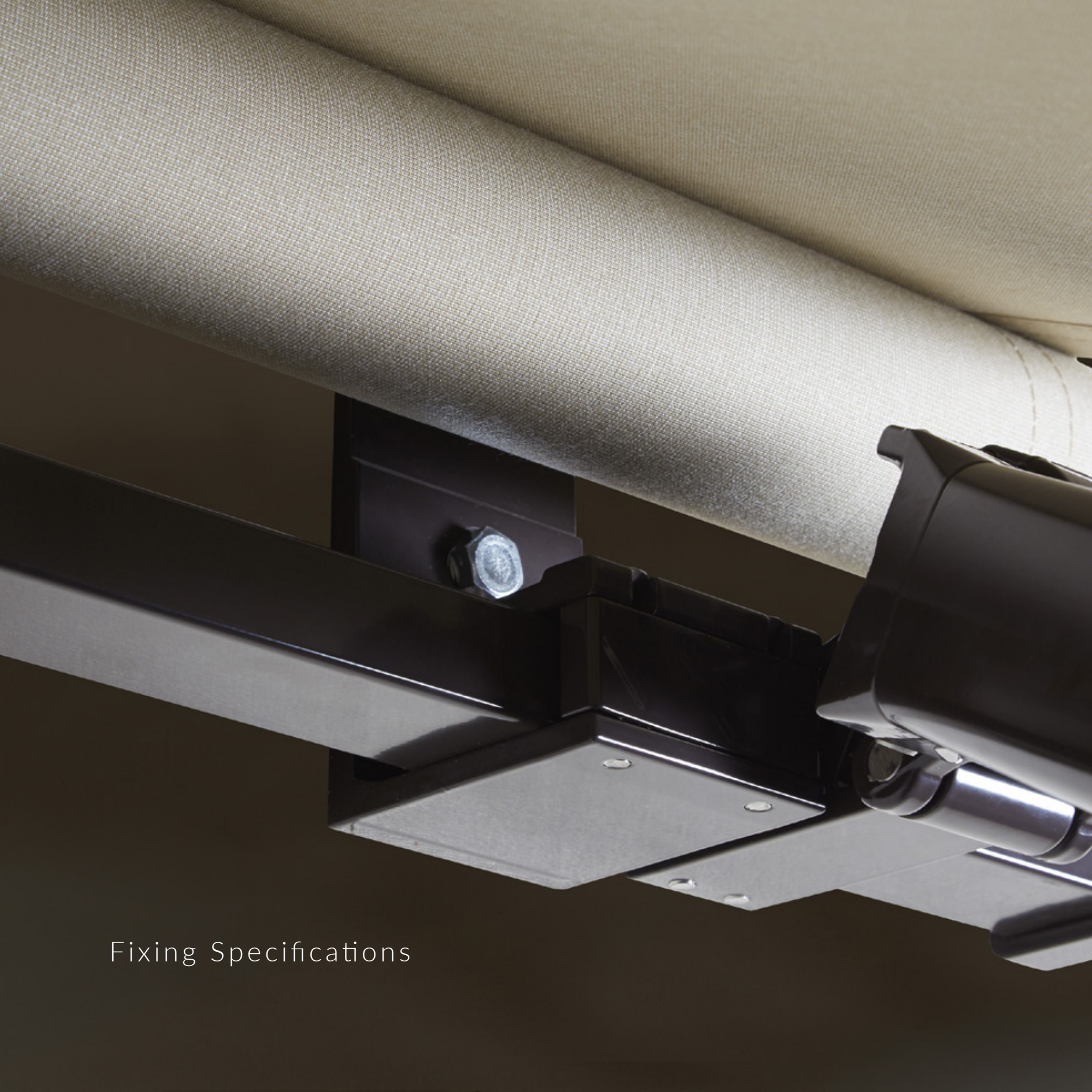
### Fixing Brackets

Face Fixed (standard)



Top Fixed





Fixing Specifications











## Selection table for wall brackets and anchoring system

Wall installation on C20/25 concrete with up to 200 mm of facing, extraction force in N per upper fixing for wall bracket.

Width in cm	Projection in cm					
	150	200	250	300	350	
250	818	1232	1776			Consult table for extraction force per fixing for selected awning size.
	409	616	888			
	205	308	444			
	270	400	568			
300	939	1419	2042	2716		Select a wall bracket/mounting plate for which there is a fastener which can resist the indicated extraction force. Remember to take into account the spacing, the area which will be damaged if the fixing breaks out, the type of fi xing used and the assembly base.
	538	798	1129	1486		
	269	399	564	743		
	312	462	654	862		
350	1060	1606	2308	3074	4055	
	610	906	1280	1686	2200	
	305	453	640	843	1100	
	354	526	742	978	1276	
400	1181	1792	2573	3432	4518	 1 standard wall bracket (85 mm) plus 1 standard wall bracket (85 mm) as a central bracket from 401 cm, 1 standard wall bracket (85 mm) per awning arm, fasteners: 4 in all
	682	1014	1431	1887	2456	
	341	507	716	943	1228	
	396	588	830	1094	1424	
450	1303	1979	2839	3790	4982	 1 standard wall bracket (85 mm) plus 1 standard wall bracket (85 mm) as a central bracket from 401 cm, 2 standard wall brackets (85 mm) per awning arm, fasteners: 8 in all or 1 wall bracket (260 mm) plus 1 standard wall bracket (85 mm) as a central bracket from 401 cm, 1 wall bracket (260 mm) per awning arm, fasteners: 8 in all
	652	990	1420	1558	2491	
	326	459	710	948	1246	
	378	574	824	1100	1444	
500	1424	2166	3104	4148	6244	
	712	1083	1552	2074	3122	
	356	542	776	1037	1561	
	412	628	900	1202	1810	
550	1545	2352	3370	5163	6789*	 1 wall bracket (260 mm) plus 1 standard wall bracket (85 mm) as a central bracket from 401 cm, 2 wall brackets (260 mm) per awning arm, fasteners: 16 in all
	773	1176	1685	2582	3395	
	386	588	843	1291	1697	
	448	682	978	1498	1968	
600	1666	2539	3635	5582	7335*	 Mounting plate (280 x 240 mm) incl. 1 standard wall bracket (85 mm), standard wall bracket (85 mm) incl. base plate, fasteners: 8 in all
	833	1270	1818	2791	3668	
	417	635	909	1396	1834	
	484	736	1054	1618	2128	

\* 2 brackets required per awning arm



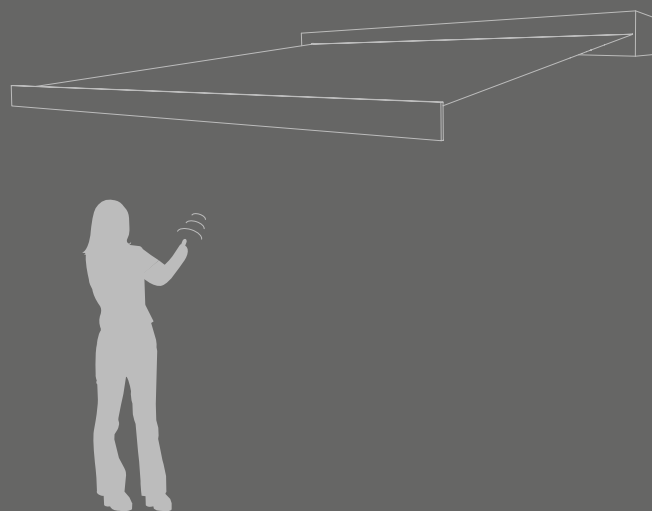
Options



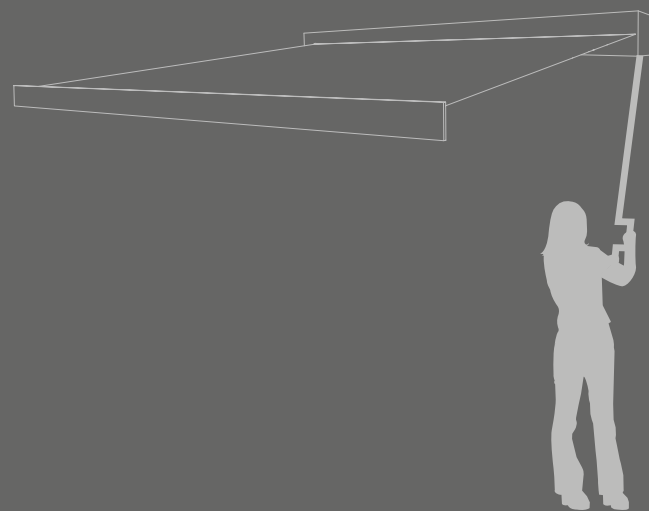


## Classic Folding-Arm Awning | Options | Operation

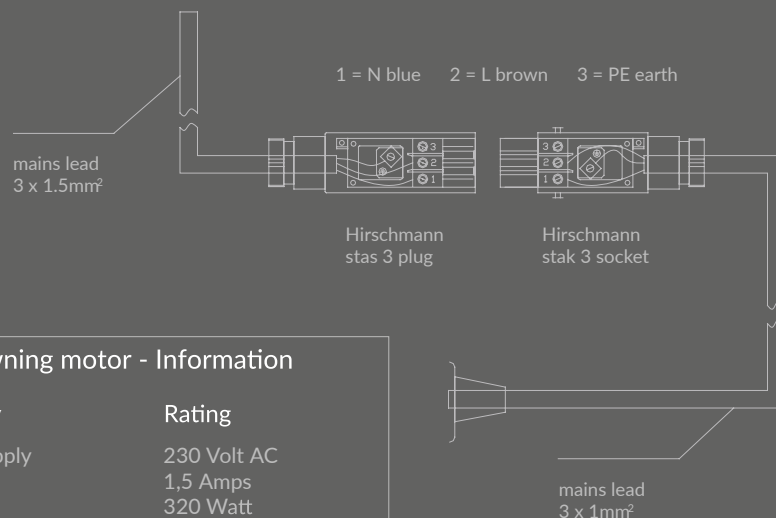
Electric Operation (see Electrical Specifications below)



Manual Crank Operation



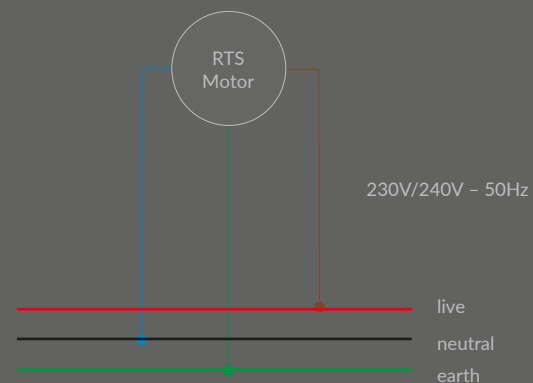
### Wiring Diagram – Hirschmann Plug



#### \*RTS awning motor - Information

Category	Rating
Power supply	230 Volt AC
Current	1,5 Amps
Output	320 Watt
Protection class	IP 44
Max. operating time	Approx. 3 to 4 minutes

### Electrical Requirements



Please note: electrical pull of the awning motor is less than 3A.





### Vibration sensor



#### **Vibration sensor – standard product protection**

The integrated vibration sensor retracts the awning automatically when it senses vibrations (e.g. from gusts of wind).

- threshold value adjustable
- comes as standard in most width/projection combinations (with some exceptions)
- energy-saving technology
- battery life 2 years
- automatic battery replacement system on registration
- awning remains in place approx. 20 minutes after retraction

### Sun, wind & rain sensors



#### **Sun, wind and rain sensors – automatically protect your product and prevent excess heat (optional)**

The remote sensors automatically extend the awning when the sun shines and reliably retract it in the wind or rain.



## Classic Folding-Arm Awning | Options | Branding

Cover

Logo



Text



Full pattern



Gilding



Valance

Logo



Text



Full pattern



Gilding

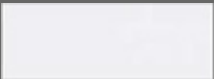
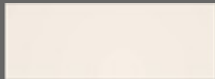
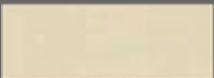


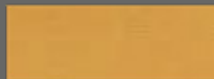

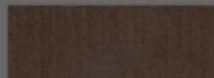
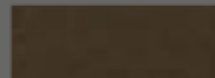




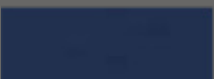









## Classic Folding-Arm Awning | Plain Fabric

						
RKS-099 white	RKS-317 haya	RKS-122 seashell	RKS-117 raw	RKS-415 marble	RKS-217 ivory	RKS-220 argent
						
RKS-148 desert	RKS-115 cream	RKS-121 wheat	RKS-779 beige tweed	RKS-180 sand	RKS-145 tenerife	RKS-222 oak buff
						
RKS-133 cinnamon	RKS-126 linen	RKS-107 champagne	RKS-108 vanilla	RKS-113 cava	RKS-119 duna	RKS-100 beige
						
RKS-178 toast	RKS-139 heather beige	RKS-143 hemp beige	RKS-775 linen tweed	RKS-188 lemon	RKS-237 pineapple	RKS-239 yellow tweed
						
RKS-554 yellow	RKS-240 honey	RKS-149 corn	RKS-111 camel	RKS-158 ochre	RKS-101 mandarin	RKS-567 orange
						
RKS-185 pumpkin	RKS-106 Flamingo	RKS-241 Phoenix	RKS-105 salmon	RKS-176 red	RKS-182 vermillion	RKS-177 burgundy
						
RKS-104 chestnut	RKS-195 cacao	RKS-243 tapenade	RKS-244 dun	RKS-156 brown	RKS-181 coffee	RKS-165 mauve
						
RKS-110 lily	RKS-171 turquoise	RKS-193 light blue	RKS-229 sapphire	RKS-169 steel blue	RKS-172 blue	RKS-232 denim
						
RKS-173 dark blue	RKS-236 jeans	RKS-170 admiral blue	RKS-199 atlantic blue	RKS-174 navy blue	RKS-175 captain navy	RKS-189 lime



## Classic Folding-Arm Awning | Plain Fabric

						
RKS-160 pistachio	RKS-187 jade	RKS-162 khaki	RKS-142 emerald	RKS-163 green	RKS-248 hunter	RKS-102 forest green
						
RKS-114 pearl	RKS-197 lead tweed	RKS-112 graphite	RKS-186 silver	RKS-196 titanium	RKS-123 argenta grey	RKS-138 cadet grey
						
RKS-161 grey	RKS-224 dun grey	RKS-152 taupe	RKS-127 moonrock	RKS-194 ash	RKS-776 taupe tweed	RKS-198 nickel
						
RKS-774 smoke tweed	RKS-164 charcoal grey	RKS-770 charcoal tweed	RKS-150 dark grey	RKS-103 black		



## Classic Folding-Arm Awning | Striped Fabric



RKS-017 white black



RKS-252 vanilla beige



RKS-058 ochre brown



RKS-166 foix



RKS-061 white grey



RKS-223 perelló



RKS-055 white yellow



RKS-014 white green



RKS-056 white brown



RKS-630 zaidin



RKS-012 white red



RKS-144 maella



RKS-206 cabanes



RKS-211 falset



RKS-016 white blue

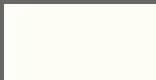

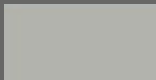
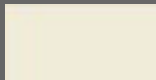
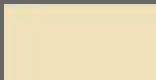










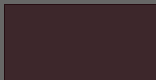

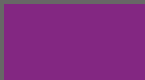







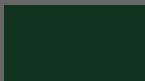
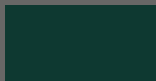


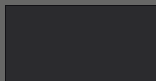



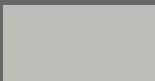
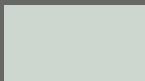
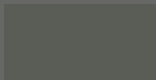




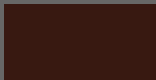
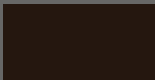

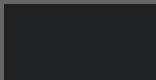

Other combinations of colours also available





## Classic Folding-Arm Awning | Metalwork

### Standard frame colours

								
9016	9010	9006	9001	1015	1014	1002	1003	1023
								
1034	2000	2011	2002	3002	3004	3007	4005	4006
								
5005	5009	5022	5014	5024	5021	6011	6005	6009
								
6012	7015	7016	7021	7030	7032	7040	7319	7035
								
7039	9007	8001	8003	8014	8016	8017	8019	8022
								
8077	9005							

Please note, frames can be powdercoated to any RAL colour, however there is a surcharge for any non-standard colour.

As a result of the ban on the use of heavy metals in powder coatings, paint manufacturers can no longer guarantee colour stability despite making every effort to do so. It therefore cannot be excluded that colours in general may fade with time. For technical reasons, the colour may appear different when printed.

