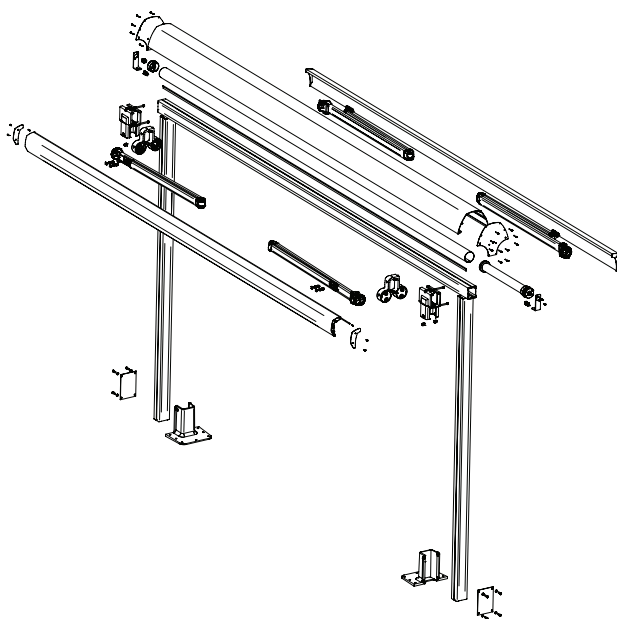


FA90-series



FREE STANDING FOLDING ARM AWNING COMPONENT BOOK

FA92 DUO

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Beskrivning

Användningsområde

FA92 Duo är en extra kraftig fristående enhet konstruerad för terrasser och öppna ytor på villor, förskolor, caféer och restauranger.

Lutningsvinkeln justeras steglöst från -5° till -20°

Manövrering

Rekommenderad manövrering med motor. Även möjlig att manövrera med vev. Motorn kan kompletteras med automatiska styrningar, t ex fjärrkontroll eller sol- och vindautomatik.

Montering

Markisen monteras enkelt direkt på marken med hjälp av fästplatta.

Markisen kan också monteras med vikter som läggs på en fördelningsplatta.

Vikarmar

Armarna är utrustade med Dyneema®-band för ökad stabilitet.

Extra kraftiga fjädrar ger en utmärkt dukspänning. Armkomponenterna är tillverkade av pressgjutet aluminium och armprofilerna av strängpressat aluminium.

Komponenter

Fästplatta och övre fäste är tillverkat av gjuten aluminium. Låsplåt och gavlar är tillverkade av galvaniserad och lackerad stålplåt.

Växlar är tillverkade av pressgjutet zink och den löstagbara veven i stål. Bussningar för valsör 78 mm är tillverkade av pressgjutet zink. Lagerbussning i självsmörjande polyamid.

Fästelement är tillverkade av rostfritt stål eller stål ytbehandlat med Protect 4.

Profiler

Stativ, front- och takprofil är tillverkade av strängpressat aluminium.

Valsör 78 mm är tillverkade av specialförzinkat stål.

Färger

Pulverlackerade detaljer har färgnummer 0001 för vitt (RAL9010) och 0914 för svart.

Obehandlade eller galvaniserade artiklar har färgnummer 0000. Vevar är i grått (RAL7035) eller svart (0049)

Alla komponenter är förbehandlade med ED-behandling.

Dimensioner FA92 Duo

Utfall (m): 2.0, 3.2, 4.0, 5.0 och 6.0

Max bredd 6.0 m

Icke standard artiklar

Artikelnummer märkt med "Nonstandard" lagerförs inte och har därför längre leveranstid.

Minsta orderkvantitet (Min) gäller.

Vi förbehåller oss rätten till konstruktionsförändringar.

Description

Range of application

FA92 Duo is a heavy-duty freestanding unit designed for terraces and open places on houses, restaurants, cafés and kindergartens.

The projection angle is infinitely adjustable from -5° to 20°.

Operation

Recommended operation by motor. Also possible operation by crank handle. The motor can be completed with automatic controls, for example remote control or sun and wind sensors.

Installation

The awning installs direct on the ground with the base for frame. The awning can also be installed with weights that is used together with a base plate for weights.

Folding arms

The arm components are manufactured of pressure die casted aluminium and the arm profiles of extruded aluminium.

The Dyneema®-tape connection over both knee and arm brackets improve the stability of the awning. Heavy-duty springs provide an excellent tension of the fabric.

Components

The base for frame and top brackets are manufactured of extruded aluminium.

Locking plate and cover/caps are galvanized and powder coated steel plate.

Gears are manufactured of pressure die casted zinc and the removable crank handle in steel. Bushings for roller tube 78 mm are manufactured of pressure die casted zinc.

Bushing in self lubricating polyamide.

Fasteners are manufactured of stainless steel or steel surface treated with Protect 4.

Profiles

The frame, front tube and hood profile are manufactured of extruded aluminium.

Roller tube 78 mm are manufactured of special zinc plated steel.

Colours

Powder coated parts have colour code 0001 for white (RAL9010) and 0914 for black.

Untreated or galvanized parts have colour code 0000. Crank handles in grey (RAL7035) or black (0049).

All components are pretreated with ED.

Dimensions FA92 Duo

Projection (m): 2.0, 3.2, 4.0, 5.0 and 6.0

Max width 6.0 m

Nonstandard articles

Article numbers marked "Nonstandard" are not kept in stock, which results in longer delivery times.

Minimum order quantities (Min) apply.

Subject to changes without notice.

Information EN 13561

Overview Wind Classes

Class	Wind Strength (Beaufort)	Wind speed (km/h)	Wind speed (m/s)	Pressure (N/m ²)
0	1-3	≤ 19	≈5,3	< 40
1	4	20-28	≈7,7	40
2	5	29-38	≈10,5	70

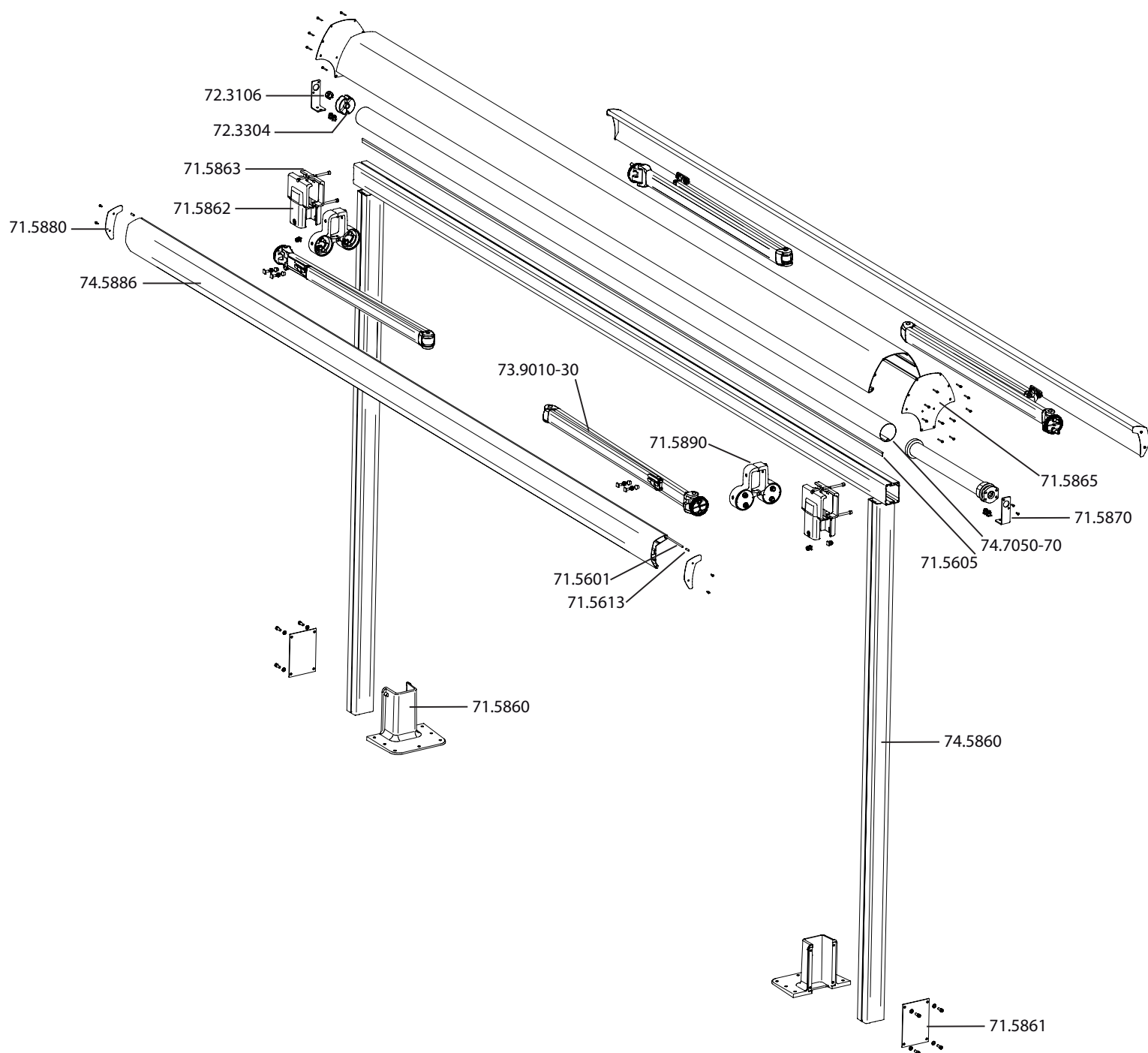
To fulfil the according wind class it is very important that the awning is mounted with suitable fasteners. It must be prevented that the fastening is the weakest link.

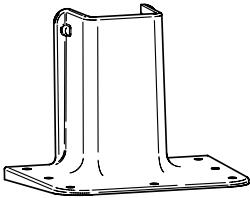
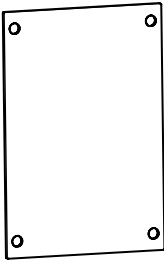
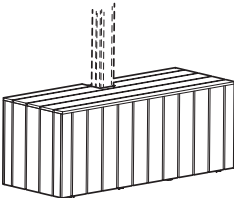
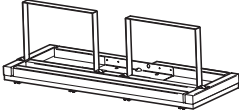
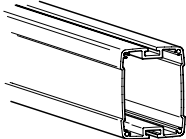
Wind classification according to EN13561

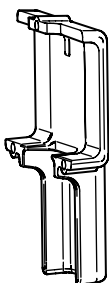
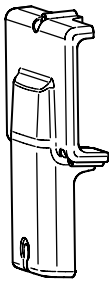
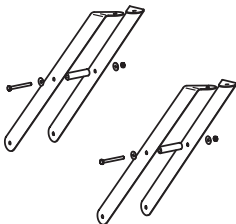


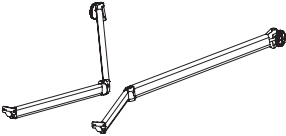
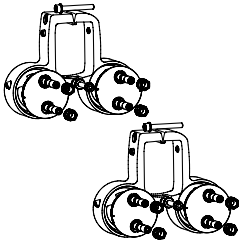
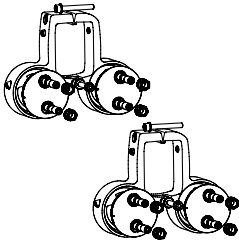
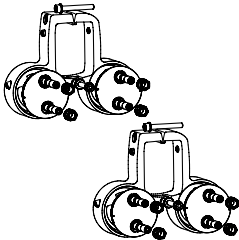
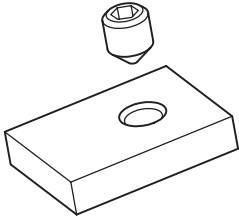
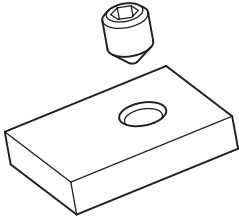
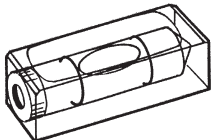
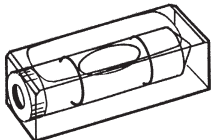
 Wind class 2

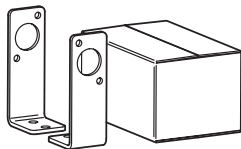

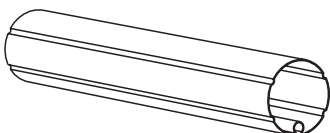
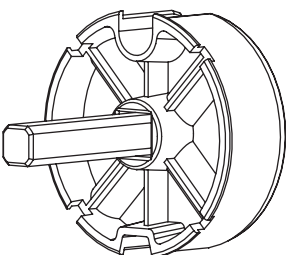
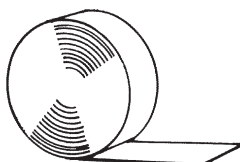
Exploded view FA92 Duo

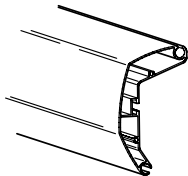
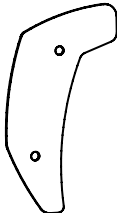
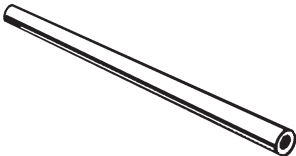
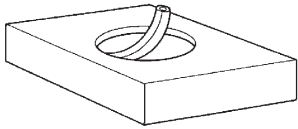
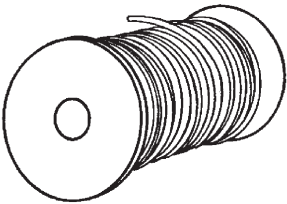


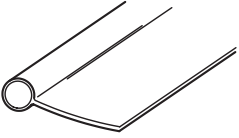
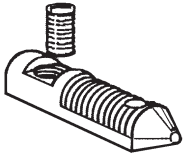
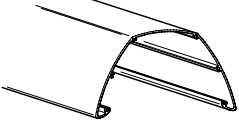
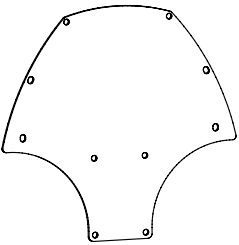
	Article No.	Description	Note	Stand. pack
		Base for frame Aluminium	FA92-Duo	
		Fästplatta för stativ Aluminium		
	71.5860.0001	Vit White		1
	71.5860.0914	Svart Black		1
		Locking plate for base Steel	FA92-Duo	
		Låsplåt för fästplatta Stål		
	71.5861.0001	Vit White		1
	71.5861.0914	Svart Black		1
		Base plate for weights including box Wood, 12 plates per box	FA92-Duo	
		Fördelningsplatta tyngder inklusive låda Trä, 12 plattor per låda		
	71.5869.0001	Vit White, To be used with standard concrete 40x40x5 cm paving stones		1
	71.5869.0049	Svart Black, To be used with standard concrete 40x40x5 cm paving stones		1
		Base plate for weights Wood with metal fixing, 12 plates per box	FA92-Duo	
		Fördelningsplatta tyngder Trä med metallbågar, 12 plattor per låda		
	71.5868.0000	To be used with standard concrete 40 x 40 x 5 cm plates		1
		Frame profile Aluminium	FA92-Duo	
		Stativprofil Aluminium		
	74.5860.0001	Vit White	2 x 6 m	12 m
	74.5860.0914	Svart Black	2 x 6 m	12 m

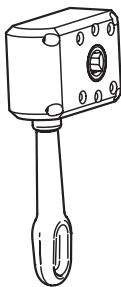
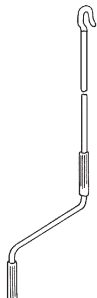

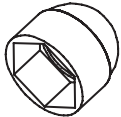
	Article No.	Description	Note	Stand. pack
		Top bracket, front part Aluminium Övre fäste, främre Aluminium	FA92-Duo	
	71.5862.0001	Vit White		1
	71.5862.0914	Svart Black		1
		Top bracket, rear part Aluminium Övre fäste, bakre Aluminium	FA92-Duo	
	71.5863.0001	Vit White, threaded M8		1
	71.5863.0914	Svart Black, threaded M8		1
		Angle bracket set Aluminium, incl. 6 pcs T-slot bolt slim and nuts Vinkelstagssats Aluminium, inkl. 6 st T-spårsskruv smal och muttrar	FA92-Duo	
	71.5872.0001	Vit White, this bracket is an option	For one awning	1 set
	71.5872.0914	Svart Black, this bracket is an option	For one awning	1 set

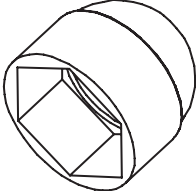
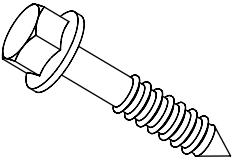




	Article No.	Description	Note	Stand. pack
		Folding arm Complete, with Dyneema-tape connection over both elbow and shoulder 40x40 mm		
		Vikarm Komplett, med Dyneema-band över både knäled och axelled		
		* 66.1035, 66.1151		
	73.9010.0001	(5'3") Vit White, Non standard, min 1 pair	1.0 m	1 pair
	73.9010.0914	(5'3") Svart Black, Non standard, min 1 pair	1.0 m	1 pair
	73.9016.0001	(5'3") Vit White	1.6 m	1 pair
	73.9016.0914	(5'3") Svart Black	1.6 m	1 pair
	73.9020.0001	(6'10") Vit White	2.0 m	1 pair
	73.9020.0914	(6'10") Svart Black	2.0 m	1 pair
	73.9025.0001	(8'2") Vit White	2.5 m	1 pair
	73.9025.0914	(8'2") Svart Black	2.5 m	1 pair
	73.9030.0001	(9'10") Vit White	3.0 m	1 pair
	73.9030.0914	(9'10") Svart Black	3.0 m	1 pair
		Arm holder standard with nuts for FA40/50 folding arms FA92-Duo		
		Armhållare standard med mutter för FA40/50 vikarmar		
	71.5890.0001	Vit White		1 set
	71.5890.0914	Svart Black		1 set
		Adjustment stop Aluminium		
		Stopplack Aluminium		
	66.9095.0000			24
		Spirit level PMMA, for front tube 74.5340 - 70		
		Libell PMMA, för frontprofil 74.5340 - 70		
	71.5402.0000			1

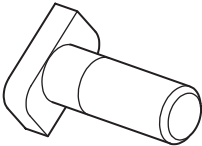
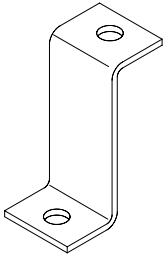
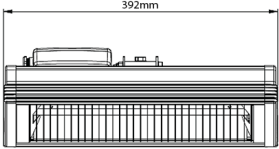
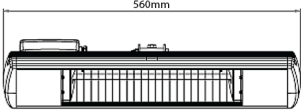

	Article No.	Description	Note	Stand. pack
	71.5870.0000	Screw kit incl. End brackets 2 End brackets and all screws etc. for a FA92 Duo	FA92-Duo	1 kit
		Skruvkit inkl. Gavelbeslag 2 Gavelbeslag och alla skruvar etc. till en FA92 Duo		
	72.3106.0000	Bushing Self lubricating polyamide, for end brackets	Sq 12.7 mm (1/2")	20
		Lagerbussning Självsmörjande polyamid, för gavelbeslag		
		15/27mm		
	74.7050.0000 74.7070.0000	Roller tube Steel, special zinc plated	ø 78x1.0 mm	5 / 140 m 7 / 196 m
		Valsrör Stål, specialförzinkat		
		(16'5")	1 / 28 x5 m	
		(22'11")	1 / 28 x7 m	
	72.3311.0000 72.3302.0000	Drive bushing Zinc, for roller tube 74.7050 - 70	ø 78 mm	10 10
		Drivbussning Zink, för valsrör 74.7050 - 70		
			Shaft 15 mm	
			Shaft 40 mm	
	71.2307.0001 71.2307.0049	Woven tape roller tube For use on visible part of roller tube	width: 50mm	1 1
		Vävtejp valsrör För användning på synlig del av valsrör		
		Vit White	length: 50m	
		Svart Black	length: 50m	

	Article No.	Description	Note	Stand. pack
		Front tube Aluminium	FA92-Duo	
		Frontprofil Aluminium		
	74.5884.0001	Vit White	2 x 4.5 m	9 m
	74.5884.0914	Svart Black	2 x 4.5 m	9 m
	74.5886.0001	Vit White	2 x 6 m	12 m
	74.5886.0914	Svart Black	2 x 6 m	12 m
		End cap Aluminium, for Front tube 74.5884 - 86	FA92-Duo	
		Ändskydd Aluminium, för frontprofil 74.5884 - 86		
	71.5880.0001	Vit White		1
	71.5880.0914	Svart Black		1
		Locking profile PVC, hard, for locking of fabric	ø 6 mm	
		Låsprofil PVC, hård, för låsning av duk		
	71.5601.0000	(19'8")	24 / 240 x6 m	144/1440 m
		Locking profile Polyethylene, medium, for locking of fabric	ø 6 mm	
		Låsprofil Polyeten, halvhård, för låsning av duk		
	77.6600.0000	(1640")		500 m
		Locking profile Polyethylene, soft, for locking of fabric	ø 6 mm	
		Låsprofil Polyeten, mjuk, för låsning av duk		
	77.6601.0000	(656ft)		450 m

	Article No.	Description	Note	Stand. pack
		Keder Polyethylene, for sew two fabrics together Keder Polyeten, för att sy ihop två dukar	FA92-Duo	
	71.5605.0000		1 x 6 m	6 m
	71.5605.0100		Full Spool	100 m
	71.5613.0000	Fabric lock Zinc, chromated, with screw Duklås Zink, kromatiserad, med skruv	ø 8 mm	100
		Hood profile Aluminium Takprofil Aluminium	FA92-Duo	
	74.5864.0001	Vit White	1 x 4.5 m	4.5 m
	74.5864.0914	Svart Black	1 x 4.5 m	4.5 m
	74.5866.0001	Vit White	1 x 6 m	6 m
	74.5866.0914	Svart Black	1 x 6 m	6 m
		End cap Aluminium, for Hood profile 74.5864 - 66 Takgavel Aluminium, för takprofil 74.5864 - 66	FA92-Duo	
	71.5865.0001	Vit White		1
	71.5865.0914	Svart Black		1

	Article No.	Description	Note	Stand. pack
		Worm gear Zinc, 17:1 35 Nm	Sq 12.7 mm (1/2")	
		Snäckväxel Zink, 17:1 35 Nm		
	72.3620.0001	Vit White	Shaft 120 mm	1
	72.3620.0049	Svart Black	Shaft 120 mm	1
		Crank handle Steel, with handles in ABS		
		Vev Stål, med handtag i ABS		
	72.3208.0001	0.8 m (2'8") Vit White		1
	72.3208.0049	0.8 m (2'8") Svart Black		1
	72.3208.7035	0.8 m (2'8") Silver		1
	72.3212.7035	1.2 m (3'11") Silver		10
	72.3214.7035	1.4 m (4'7") Silver		10
	72.3216.0001	1.6 m (5'3") Vit White		10
	72.3216.0049	1.6 m (5'3") Svart Black		10
	72.3216.7035	1.6 m (5'3") Silver		10
	72.3218.7035	1.8 m (5'11") Silver		10
	72.3224.7035	2.4 m (7'10") Silver		10
		Plastic hose Polyethylene, for packaging of components		
		Plastslang Polyeten, för emballering av komponenter		
	77.9900.0000	(1640ft) W 0.23 m (9"), Thickness 0.10 mm		500 m
	77.9901.0000	(1640') W 0.5m (1'7"), Thickness 0.10 mm		500 m
		Plastic cover Polyethylene	Hex 13 mm (M8)	
		Plastskydd Polyeten		
	71.2413.0001	Vit White		100
	71.2413.0049	Svart Black		100

	Article No.	Description	Note	Stand. pack
		Plastic cover Polyethylene	Hex 17 mm (M10)	
		Plastskydd Polyeten		
	71.2417.0001 71.2417.0049	Vit White Svart Black		100 100
		Screw for installation Steel, Protect 4	Spanner 13 mm	
		Monteringsskruv Stål, Protect 4		
	66.1207.0000 66.1209.0000		10x90 10x120	50 25
		T-slot bolt Stainless steel	Spanner 15 mm	
		T-spårskruv Rostfritt stål		
	66.1035.0000		M8x18	100
		Flange nut Stainless steel, zinc plated	Spanner 13 mm	
		Flänsmutter Rostfritt stål, förzinkat		
	66.1151.0000		M8	100
		Bolt Stainless steel	Spanner 10 mm	
		Skruv Rostfritt stål		
	66.1058.0000		M6x14	100
		Washer Stainless steel		
		Bricka Rostfritt stål		
	66.1100.0000		6.7x14x1.5	100

	Article No.	Description	Note	Stand. pack
	66.1032.0000	T-slot bolt slim Stainless steel, for after assembly in T-slot T-spårskruv smal Rostfritt stål, för eftermontage i T-spår	M8x22 (slim)	20
	71.5871.0000	L-shaped bracket for accessories Stainless steel Vinkelfäste för tillbehör Rostfritt stål	FA92 Duo	1
		Quartz heater RIO II Complete, with adjustable installation bracket, 5.0 m cord and EU-plug Kvartsvärmare RIO II Komplett, med vridbar monteringskonsol, 5.0 m kabel och jordad EU-stickpropp	1.5kW IPx4	
	76.3015.0001	Vit White	Max 12 m2	1
	76.3015.0049	Svart Black	Max 12 m2	1
	76.3015.0058	Silver	Max 12 m2	1
		Quartz heater RIO Grande Light II Heater with 2 lamps, complete, with adjustable installation bracket, 5.0 m cord and EU-plug Kvartsvärmare RIO Grande Light II Värmare med 2 lampor, komplett, med vridbar monteringskonsol, 5.0 m kabel och jordad EU-stickpropp	2.0 kW IPx4	
	76.3120.0049	Svart Black	Max 12 m2	1
	76.3120.0058	Silver	Max 12 m2	1
	71.2308.0001	Vit White		1
	71.2308.0914	Svart Black		1

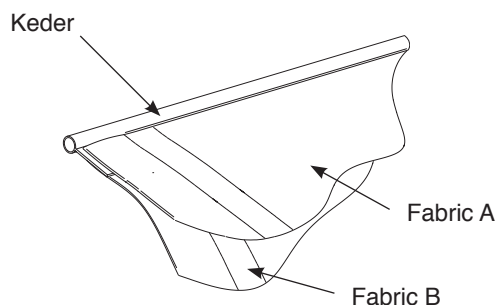
Fabrication Guideline

All - Fabric

Fabric requirement per side: arm projection + 180 (Fabric A) / 250 (Fabric B) mm excluding valance.

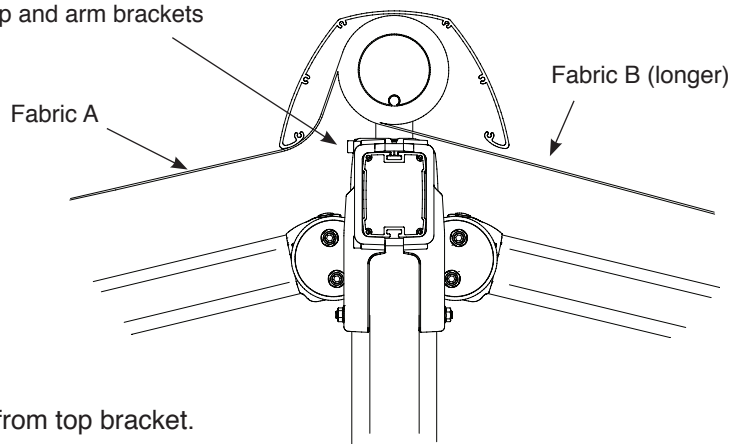
Fabric B is 60 mm longer than Fabric A. When rolled Fabric A should be facing outwards.

Fabric A and Fabric B could be joined together at the top by sewing them onto the keder.



Screw side:

Top and arm brackets



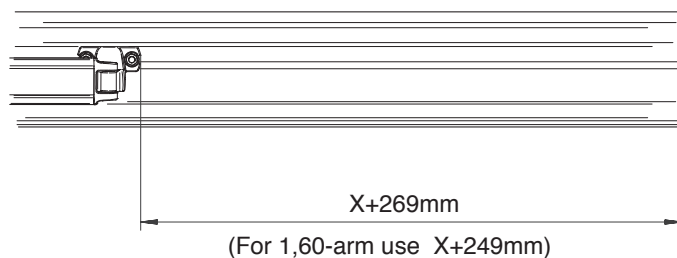
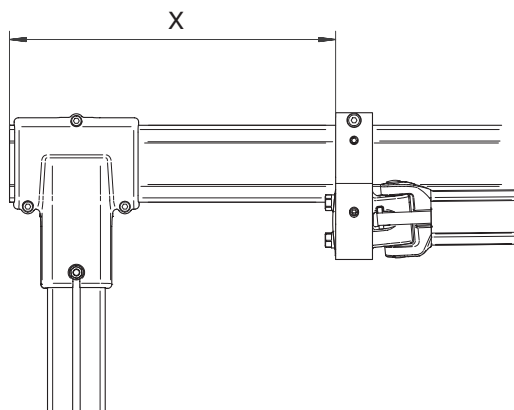
Arm brackets

The arm brackets should be assembled up 500 mm from top bracket.

Arm positioning

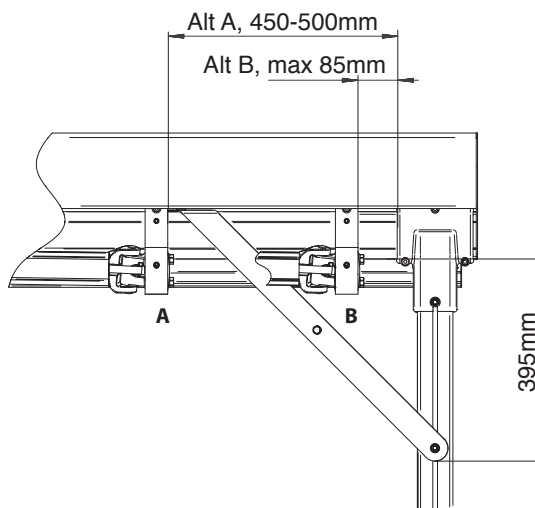
When arm holder is mounted on distance X mm from cutting position on the frame profile.....

.... should the arm fitting be mounted on distance X + 269 mm from the cutting position on the front profile.



Arm position when Angle bracket is used

Depending on awning size, positioning the arms as "A" may not be possible.



Parts included in Screw kit 71.5870.0000

Article	Quantity
End bracket	2 pcs
T-slot bolt M8	16 pcs
Flange nut M8	16 pcs
MC6S M8x60 A4	6 pcs
MC6S M8x16 A4	8 pcs
RTS 4,8x32 A4 Tx	20 pcs
RTS 4,2x19 A4 Tx	8 pcs
Washer M8	4 pcs

Parts included in Arm holder std 71.5890.xxxx

Article	Quantity
Arm holder std	2 pcs
Screw M10x30	4 pcs
Cone	4 pcs
Screw kit for cone (with nuts)	2 pcs
MC6S M8x60 A4	2 pcs
MC6S M8x55 A4	2 pcs
Lock nut M8	2 pcs
Washer M8	6 pcs
Set screw M10x12	4 pcs

Weight (in kilograms)
FA92 Duo Weight (kilogram) per width and projection

Width (m)	3,0	3,5	4,0	4,5	5,0	5,5	6,0
2.0 m	94,5	102,5	108,5	115,5	123,0	130,5	137,5
3,2 m	97,0	105,0	111,0	118,0	125,5	133,0	140,0
4,0 m	100,0	107,0	114,0	121,5	129,0	136,0	143,5
5,0 m		110,0	118,0	125,0	132,5	140,5	148,0
6,0 m		113,0	121,0	129,0	136,0	144,0	152,0

Gear - 2kg/awning

Cutting height for Frame profile as legs

15 degrees angle on the awning is recommended and ground clearance at 210 cm to the front profile

Projection Cutting height legs / Total awning height:

2.0m	2350mm / 2610mm
3.2m	2500mm / 2760mm
4.0m	2600mm / 2860mm
5.0m	2730mm / 2990mm
6,0m	2860mm / 3120mm

For more info check the Projection and pitch diagram FA92 Duo at page 21.

Cutting Measurements FA92 Duo

FA 92 Duo	Motor	Gear 3620
Frame profile	-10	-10
Roller tube	-68	-84
Front profile	-60	-60
Fabric	-100	-130
Hood profile	-10	-10

Required Torque
Ø78mm roller tube

Projection	2 x 2 arms
2.0m	32 Nm
3.2m	48 Nm
4.0m	46 Nm
5.0m	44 Nm
6,0m	44 Nm

Total minimum width (mm)

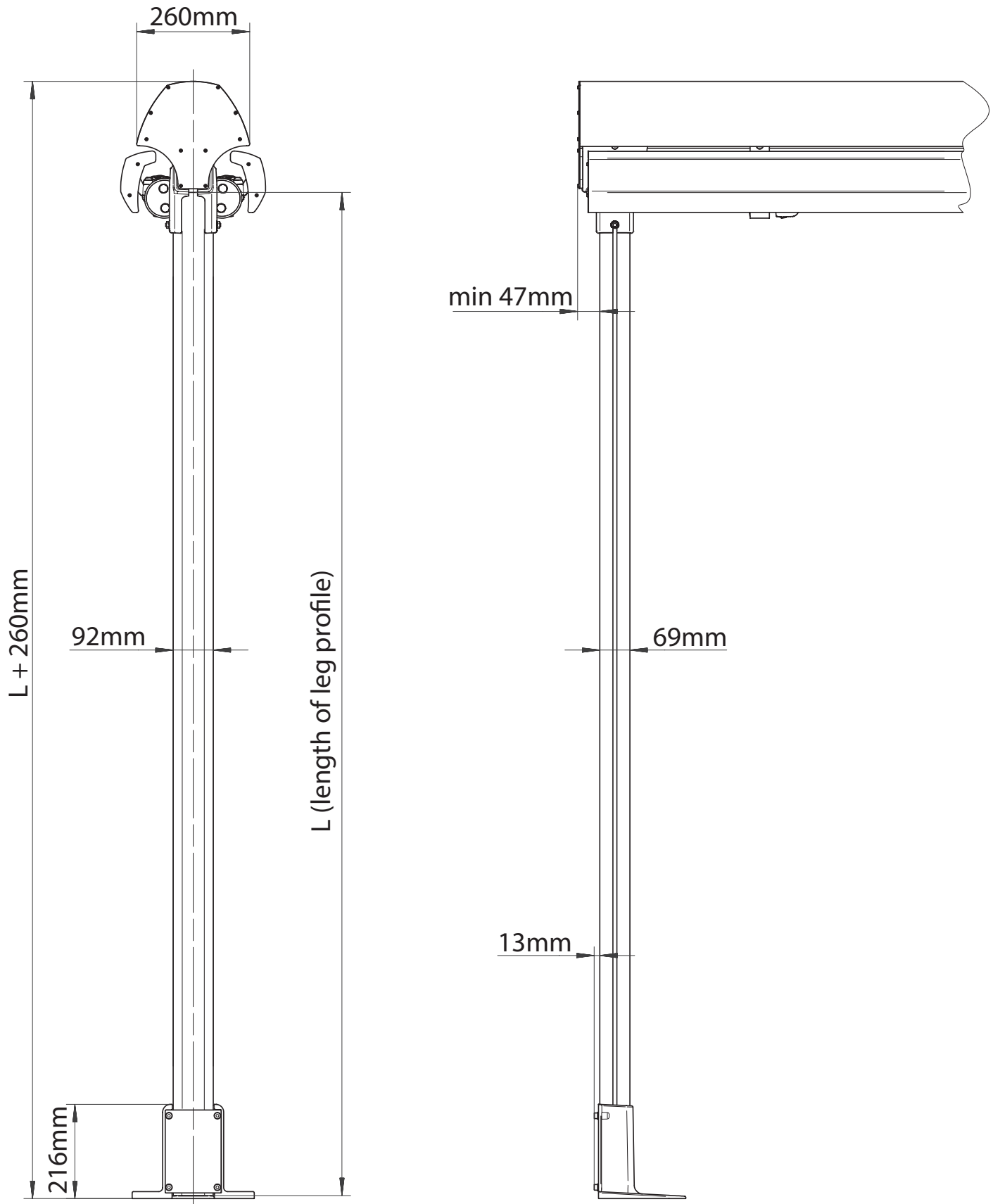
Total min. width (mm) Projection

FA92 Duo	1535	2.0 meter
	2205	3.2 meter
	2635	4.0 meter
	3135	5.0 meter
	3635	6.0 meter

Bill of material: FA92 Duo

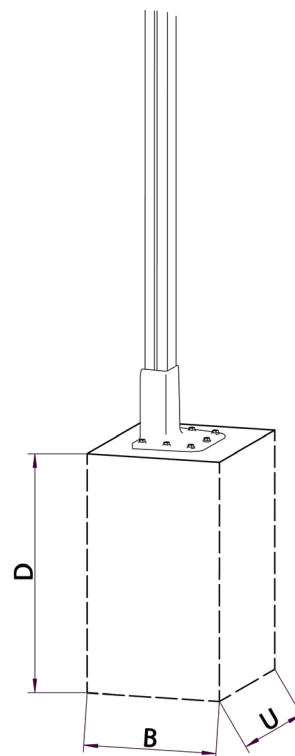
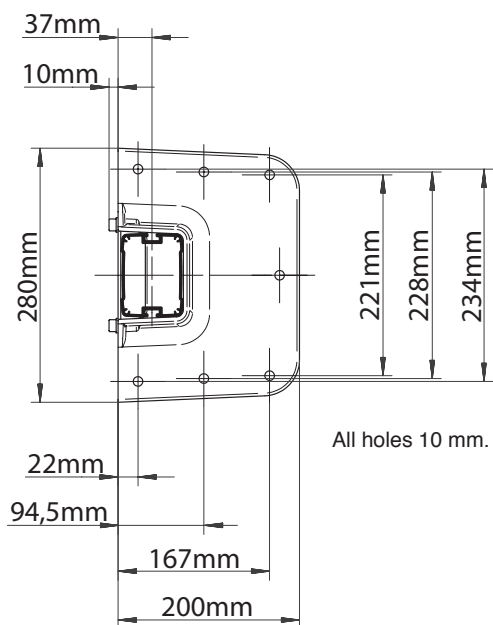
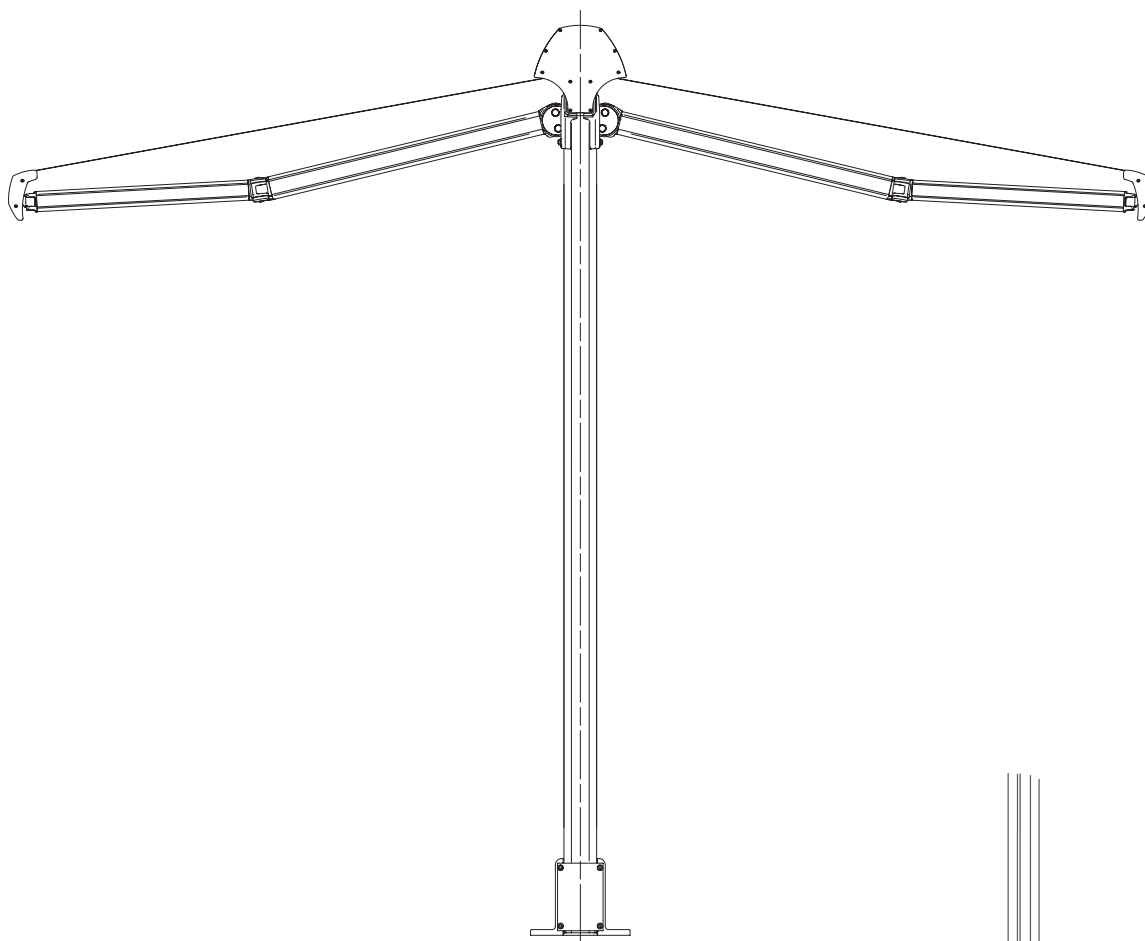
	Colour [White]	[Black]	4.0 m	Qty 5.0 m	6.0 m	Unit	Pack [Unit]	Notes
Folding arms								
Folding arm 1.0 m	73.9010.0001	73.9010.0914	2	2	2	Pair	1	
Folding arm 1.6 m	73.9016.0001	73.9016.0914	2	2	2	Pair	1	
Folding arm 2.0 m	73.9020.0001	73.9020.0914	2	2	2	Pair	1	
Folding arm 2.5 m	73.9025.0001	73.9025.0914	2	2	2	Pair	1	
Folding arm 3.0 m	73.9030.0001	73.9030.0914	2	2	2	Pair	1	
T-slotted bolt	66.1035.0000	66.1035.0000	8	8	8	PCS	100	
Flange nut	66.1151.0000	66.1151.0000	8	8	8	PCS	100	
Plastic cover	71.2413.0001	71.2413.0049	8	8	8	PCS	100	
Arm Brackets								
Std Arm Bracket FA92	71.5890.0001	71.5890.0914	1	1	1	Set	1 set	For 2 pair of arms
Profiles								
Roller tube Ø78 mm	74.70x0.0000	74.70x0.0000	4,0	5,0	6,0	m	1/28 profiles (5 or 7m)	
Frame profile	74.5860.0001	74.5860.0914	10,0	11,0	12,0	m	12 m*	*2x3 meter for legs &
Hood profile	74.586x.0001	74.586x.0914	4,0	5,0	6,0	m	1 profile (4.5 or 6m)	4-6 m for top frame
Std Front Profile								
Front tube	74.588x.0001	74.588x.0914	8,0	10,0	12,0	m	2 profiles (4.5 or 6m)	
Locking profile	71.5601.0000	71.5601.0000	12,0	15,0	18,0	m	144 / 1440	
End cap Front tube	71.5880.0001	71.5880.0914	4	4	4	PCS	1	
Fabric lock	71.5613.0000	71.5613.0000	4	4	4	PCS	100	8 with valance
Components								
Screw kit incl. End brackets	71.5870.0000	71.5870.0000	1	1	1	Kit	1	
Bushing 15x27	72.3106.0000	72.3106.0000	1	1	1	PCS	20	
Hood side cover	71.5865.0001	71.5865.0914	2	2	2	PCS	1	
Base for frame	71.5860.0001	71.5860.0914	2	2	2	PCS	1	
Locking plate for frame	71.5861.0001	71.5861.0914	2	2	2	PCS	1	
Top bracket front part	71.5862.0001	71.5862.0914	2	2	2	PCS	1	
Top bracket rear part	71.5863.0001	71.5863.0914	2	2	2	PCS	1	
Drive bushing 15 mm Ø78mm	72.3311.0000	72.3311.0000	1	1	1	PCS	10	
Keder	71.5605.0000	71.5605.0000	4,0	5,0	6,0	m	6 m / 100 m	71.5605.0100 for 100 m pack
Extra for weights								
Base plate for weights incl. box	71.5869.0001	71.5869.0049	2	2	2	PCS	1	Standard 40x40x5 cm
Base plate for weight (without box)	71.5868.0000	71.5868.0000	2	2	2	PCS	1	concrete paving stone
Paving stones 40x40x5 cm			24	24	24			
Optional								
Angle bracket	71.5872.0001	71.5872.0914	1	1	1	Set	1	
L-shaped bracket for accessories	71.5871.0000	71.5871.0000	?	?	?	PCS	1	
T-slot bolt slim	66.1032.0000	66.1032.0000	?	?	?	PCS	20	
With Gear								
Drive bushing 40 mm Ø78mm	72.3302.0000	72.3302.0000	1	1	1	PCS	10	
Gear 17:1 35 Nm	72.3620.0001	72.3620.0049	1	1	1	PCS	1	
Crank handle	72.3216.0001	72.3216.0049	1	1	1	PCS	10	
Bolt	66.1058.0000	66.1058.0000	2	2	2	PCS	100	
Washer	66.1100.0000	66.1100.0000	2	2	2	PCS	100	
With Motor								
Tubular Motor	from motor supplier							
Motor Bracket	from motor supplier							
Crown	from motor supplier							
Drive Bushing	from motor supplier							

Installation views FA92 Duo



* If box or baseplate is used the total height should be $L + 295\text{ mm}$

Installation views FA92 Duo



Projection

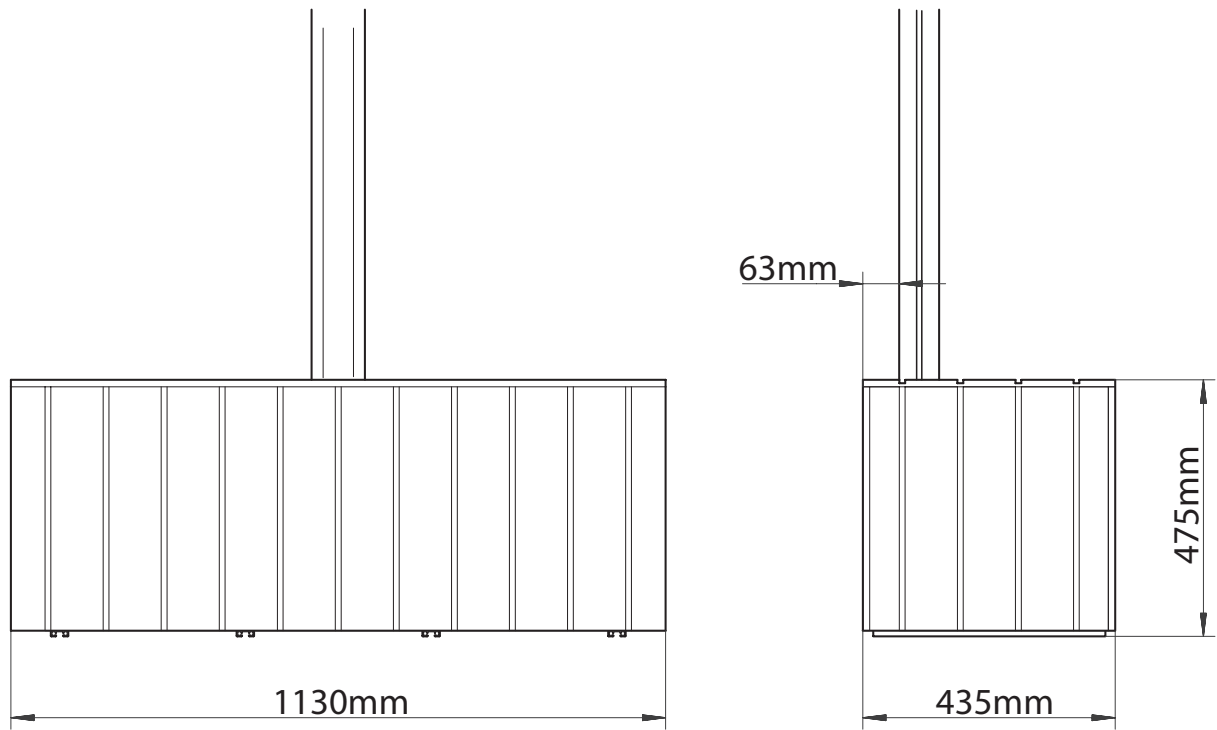
2.0m
3.2m
4.0m
5.0m
6.0m

Concrete Grouting
Size of concrete grouting (alla sizes)

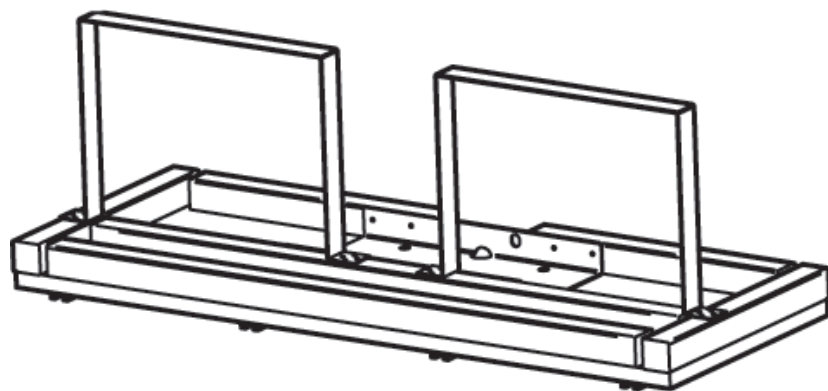
D (m)	B (m)	U (m)
0,7	0,4	0,5
0,7	0,4	0,5
0,7	0,4	0,5
0,7	0,4	0,6
0,7	0,4	0,6



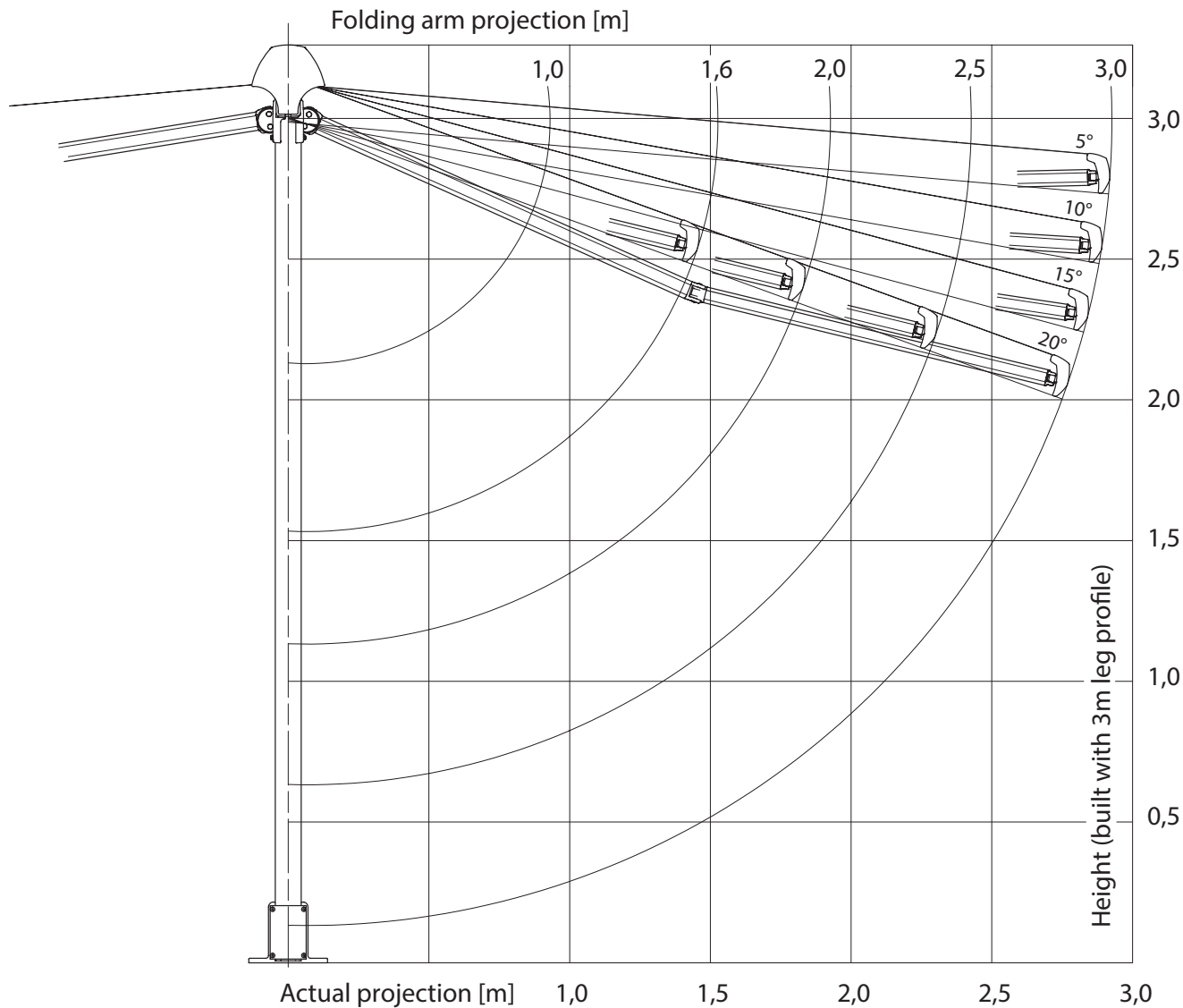
Baseplate for weights incl. box



Baseplate for weights



Projection and pitch diagram FA92 Duo



Projection Matrix FA92 Duo

	Angle			
	5 degrees	10 degrees	15 degrees	20 degrees
Arm lengths				
1.0 m	1,84	1,84	1,82	1,80
1.6 m	3,04	3,02	2,98	2,90
2.0 m	3,82	3,80	3,74	3,64
2.5 m	4,82	4,80	4,72	4,60
3.0 m	5,84	5,80	5,70	5,56

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