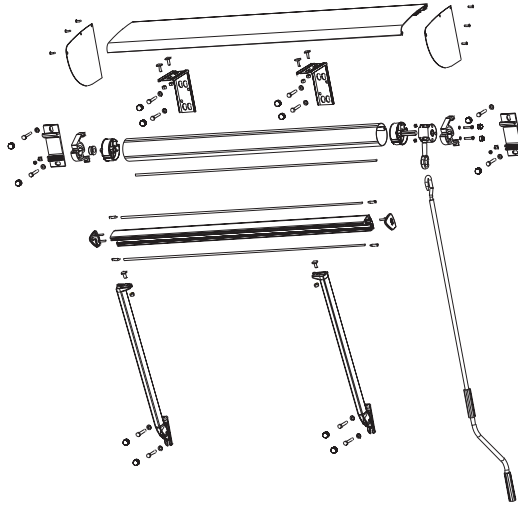


1-2019

Window Awning 50-series



WINDOW AWNING COMPONENT BOOK

DA52
BC56

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FÖRKLARINGAR

* efter ett artikelnummer hänvisar till rekommenderad skruv etc.

EXPLANATIONS

* after an article number refers to recommended screw etc.

ERKLÄRUNGEN

* nach einer Bestellnummer weist auf empfohlene Schraube hin, usw.

Beskrivning

Användningsområde

DA52 är en extra kraftig fallarmsmarkis konstruerad för de flesta byggnader, t ex villor, kontor, butiker, skolor och sjukhus.

Robusta Balkongmarkis är avsedd för t ex balkonger och butiker där både tillräcklig passerhöjd och långt utfall krävs.

Manövrering

Utvändig manövrering med växel eller motor. Invändig manövrering med motor. Motorn kan kompletteras med automatiska styrningar, t ex fjärrkontroll eller sol- och vindautomatik.

Montering

Markisen monteras enkelt direkt på fönsterfodret, väggen eller under tak.

Fallarmar

Armkomponenter är tillverkade av pressgjutet zink och armprofiler av strängpressat aluminium. Extra kraftiga fjädrar med justerbar spänning för optimal dukspänning.

Armarna är utrustade med Dyneema®-band över armfäste för ökad stabilitet och bättre kvalitet.

Komponenter

Monteringskonsol vägg, monteringskonsol tak, gavelbeslag och stödlager med tillhörande konsoler är tillverkade av strängpressat aluminium. Monteringskonsol tak/vägg är tillverkad av pressgjutet aluminium. Växlar är tillverkade av pressgjutet zink. Den löstagbara veven i stål är pulverlackerad. Bussningar för valsör 70, 71 och 78 mm är tillverkade av pressgjutet zink, bussningar för valsör 85 mm i polyamid. Pulverlackerade artiklar har färgnummer 0001 för vitt (RAL 9010), 0182 för silver och 0914 för svart. Obehandlade eller galvaniserade artiklar har färgnummer 0000.

Ändskydd till frontprofil är tillverkade av polyamid, polyeten eller ASA, lagerbussning i självsmörjande polyamid. Plastskydd för fästelement är tillverkade av polyeten. Infärgade artiklar har färgnummer 0001 för vitt, 0049 för svart och 0182 för silver.

Fästelement är tillverkade av rostfritt stål, förzinkat stål eller stål ytbehandlat med Dacro. 500 LC.

DA52 kan förses med takprofil av strängpressat aluminium med aluminiumgavlar och takhållare i förzinkat stål. Skarvstift i rostfritt stål.

BC56 bygger helt på DA52 komponenter, men kompletteras med specialdesignat frontfäste och glidskenor.

Profiler

Front- och takprofilen samt glidskenor är tillverkade av strängpressat aluminium. Pulverlackerade aluminiumprofiler har färgnummer 0001 för vitt (RAL 9010), 0182 för silver och 0914 för svart.

Valsör 70, 78 och 85 mm är tillverkade av specialförzinkat stål, valsör 71 mm i strängpressat aluminium.

Dimensioner DA52

Djup max 190 mm, höjd 123 mm med monteringskonsol tak/vägg.

Djup max 192 mm, höjd 150 mm med monteringskonsol vägg.

Djup 215 mm, höjd 164 mm med monteringskonsol tak/vägg och takprofil.

Djup 215 mm, höjd 166 mm med monteringskonsol vägg och takprofil.

Utfall (m): 0.6, 0.7, 0.8, 0.9, 1.0, 1.1, 1.2, 1.3 och 1.4.

Max bredd 7.0 m per enhet.

Seriekoppling upp till 25.0 m med motor.

Max 5 enheter.

Dimensioner BC56

Djup max 190 mm, höjd 123 mm med monteringskonsol tak/vägg.

Djup max 192 mm, höjd 150 mm med monteringskonsol vägg.

Djup 215 mm, höjd 164 mm med monteringskonsol tak/vägg och takprofil.

Djup 215 mm, höjd 166 mm med monteringskonsol vägg och takprofil.

Utfall (m): 0.6 – 2.2 m.

Max bredd 4.0 m per enhet.

Ovanstående mått är rekommenderade maxmått som inte bör överskridas. Vid svåra monteringsförhållanden bör även dessa maxmått övervägas.

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

DA52 is a heavy-duty drop arm awning designed for larger windows in most buildings, i.e. bungalows, schools, offices and hospitals.

Robusta Balcony awning is designed for balconies and shops, where both a free passing height and a long projection is required.

Operation

External operation by gear or motor. Internal operation by motor. The motor can be completed with automatic controls, for example remote control or sun and wind sensors.

Installation

The awning can easily be installed directly onto the window architrave the wall or under the eave.

Drop arms

The arm components are manufactured of pressure die casted zinc and the arm profiles of extruded aluminium. Heavy-duty springs with adjustable tension provide excellent tension of the fabric.

The Dyneema®-tape connection over arm bracket improve the stability of the awning and quality.

Components

Installation bracket wall, installation bracket roof, end bracket and centre supports with brackets are manufactured of extruded aluminium. Installation bracket universal is manufactured of pressure die casted aluminium. Gears are manufactured of pressure die casted zinc. The removable crank handle in steel is powder coated. Bushings for roller tube 70, 71, and 78 mm are manufactured of pressure die casted zinc, bushings for roller tube 85 mm in polyamide. Powder coated articles have colour code 0001 for white (RAL 9010), 0182 for silver and 0914 for black. Untreated or galvanised articles have colour code 0000.

End caps for front tube are manufactured of polyamide, polyethylene or ASA, bushing in self lubricating polyamide. Plastic covers for fittings are manufactured of polyethylene. Pigmented articles have colour code 0001 for white, 0049 for black and 0182 for silver.

Fasteners are manufactured of stainless steel, zinc plated steel or steel surface treated with Dacro. 500 LC.

DA52 can be provided with a hood profile of extruded aluminium and with aluminium hood side covers and hood bracket in zinc plated steel. Joining piece in stainless steel.

BC56 use only DA52 components, but for the special designed arm fitting and slide rail.

Profiles

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

Powder coated aluminium profiles have colour code 0001 for white(RAL 9010), 0182 for silver and 0914 for black.

Roller tube 70, 78 and 85 mm are manufactured of special zinc plated steel, roller tube 71 mm in extruded aluminium.

Dimensions DA52

Depth max 190 mm (7 1/2"), height 123 mm (4 7/8") with installation bracket universal.

Depth max 192 mm (7 9/16"), height 150 mm (6 1/8") with installation bracket wall.

Depth 215 mm (8 1/2"), height 164 mm (6 7/16") with installation bracket universal and hood profile.

Depth 215 mm (8 1/2"), height 166 mm (6 1/2") with installation bracket wall and hood profile.

Projection (m): 0.6, 0.7, 0.8, 0.9, 1.0, 1.1, 1.2, 1.3 and 1.4.

Projection 2', 2'4", 2'8", 3', 3'4", 3'7", 4', 4'3" and 4'7"

Max width 7.0 m per unit.

Series connection up to 25.0 m with motor.

Max 5 units.

Dimensions BC56

Depth max 190 mm (7 1/2"), height 123 mm (4 7/8") with installation bracket universal.

Depth max 192 mm (7 9/16"), height 150 mm (6 1/8") with installation bracket wall.

Depth 215 mm (8 1/2"), height 164 mm (6 7/16") with installation bracket universal and hood profile.

Depth 215 mm (8 1/2"), height 166 mm (6 1/2") with installation bracket wall and hood profile.

Projection (m): 0.6 – 2.2.

Projection 2' – 7'3"

Max width 4.0 m per unit.

The maximum measurements are recommended and should not be exceeded. If the installation conditions are difficult, even these dimensions should be reconsidered.

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.

Beschreibung

Einsatzgebiete

DA52 ist eine besonders robuste Fallarmmarkise, die besonders für größere Fensterflächen, z.B. an Villen, Schulen, Büros, Krankenhäusern usw. geeignet ist.

BC56 ist besonders für Balkone und Geschäfte geeignet, bei denen große Durchgangshöhe sowie großer Ausfall gefragt sind.

Bedienung

Die Bedienung von außen erfolgt wahlweise mittels Handkurbel oder Motor, von innen mittels Motor. Für den Motor sind automatische Steuerungen, z.B. Fernbedienung, Sonnen- oder Windautomatik, erhältlich.

Montage

Die Markise kann einfach direkt an Wand oder Decke angebracht werden.

Fallarmen

Die Armeinsätze sind aus Zink Hochdruckguß, die Armprofile aus stranggepreßtem Aluminium. Die Arme sind mit einstellbarer Feder für optimale Tuchspannung ausgestattet. Die Dyneema®-Band Verbindung über Arm Konsole verbessern die Stabilität der Markise und Qualität.

Mechanik

Die Wandkonsole, Deckenkonsole, Tuchwellenhalter und Tuchwellenstützschale mit zugehörigen Konsole sind aus stranggepreßtem Aluminium gefertigt. Die Universalkonsole sind aus Aluminium Hochdruckguß. Die Getriebe sind aus Zink Hochdruckguß. Die Tuchwellenantriebs- und Lagerbuchsen sind aus Zink Hochdruckguß. Die abnehmbare Handkurbel aus Stahl sind pulverbeschichtet. Die Lagerbuchsen für die 70, 71 und 78 mm-Tuchwellen sind aus Zink Hochdruckguß hergestellt, die Lagerbuchsen für die 85 mm-Tuchwelle aus Polyamid. Die pulverbeschichteten Teile haben die Farbenbezeichnung 0001 für weiß (RAL 9010), 0182 für silber und 0914 für schwarz. Unbehandelte oder galvanisierte Teile haben die Farbenbezeichnung 0000.

Die Endkappe für die Fallstangen sind aus Polyamid, Polyäthylen oder ASA, die Lagerbuchse aus selbstschmierendem Polyamid. Die Schraubdeckel sind aus Polyäthylen. Gefärbte Teile haben die Farbenbezeichnung 0001 für weiß, 0049 für schwarz und 0182 für silber.

Die Befestigungsteile sind aus rostfreiem Stahl, verzinktem Stahl oder mit Dacrolit 500 LC gefertigt.

Die DA52/BC56 kann mit stranggepreßtem Alu-Regen-

dach und dazugehörigen Alu-Seitenteilen und Dachhaltern aus verzinktem Stahl geliefert werden. Verbindungs-Stift aus rostfreiem Stahl.

Mit Ausnahme der besonderen Armhalterung und der Seitenschiene sind die Komponenten für DA52 und BC56 identisch.

Profile

Fallstange, Regendach und Gleitschiene sind aus Aluminium Strangpressprofilen gefertigt. Pulverbeschichtete Aluminiumprofile haben Farbenbezeichnung 0001 für weiß(RAL 9010), 0182 für silber und 0914 für schwarz.

Die 70, 78 und 85 mm-Tuchwellen sind aus spezialverzinktem Stahl gefertigt, die 71 mm-Tuchwelle aus stranggepreßtem Aluminium.

Maße DA52

Tiefe: max 190 mm, Höhe: 123 mm mit Universalkonsole.

Tiefe: max 192 mm, Höhe: 150 mm mit Wandkonsole.

Tiefe: 215 mm, Höhe: 164 mm mit Universalkonsole und Regendach.

Tiefe: 215 mm, Höhe: 166 mm mit Wandkonsole und Regendach.

Ausfall (Mtr.) 0.6, 0.7, 0.8, 0.9, 1.0, 1.1, 1.2, 1.3 und 1.4.

Max. Breite: 7.0 Mtr.

Koppelanlagen mit Motor bis 25.0 Mtr. Breite.

Max 5 Einheiten.

Maße BC56

Tiefe: max 190 mm, Höhe: 123 mm mit Universalkonsole.

Tiefe: max 192 mm, Höhe: 150 mm mit Wandkonsole.

Tiefe: 215 mm, Höhe: 164 mm mit Universalkonsole und Regendach.

Tiefe: 215 mm, Höhe: 166 mm mit Wandkonsole und Regendach.

Ausfall (Mtr.) 0.6 - 2.2.

Max. Breite: 4.0 Mtr.

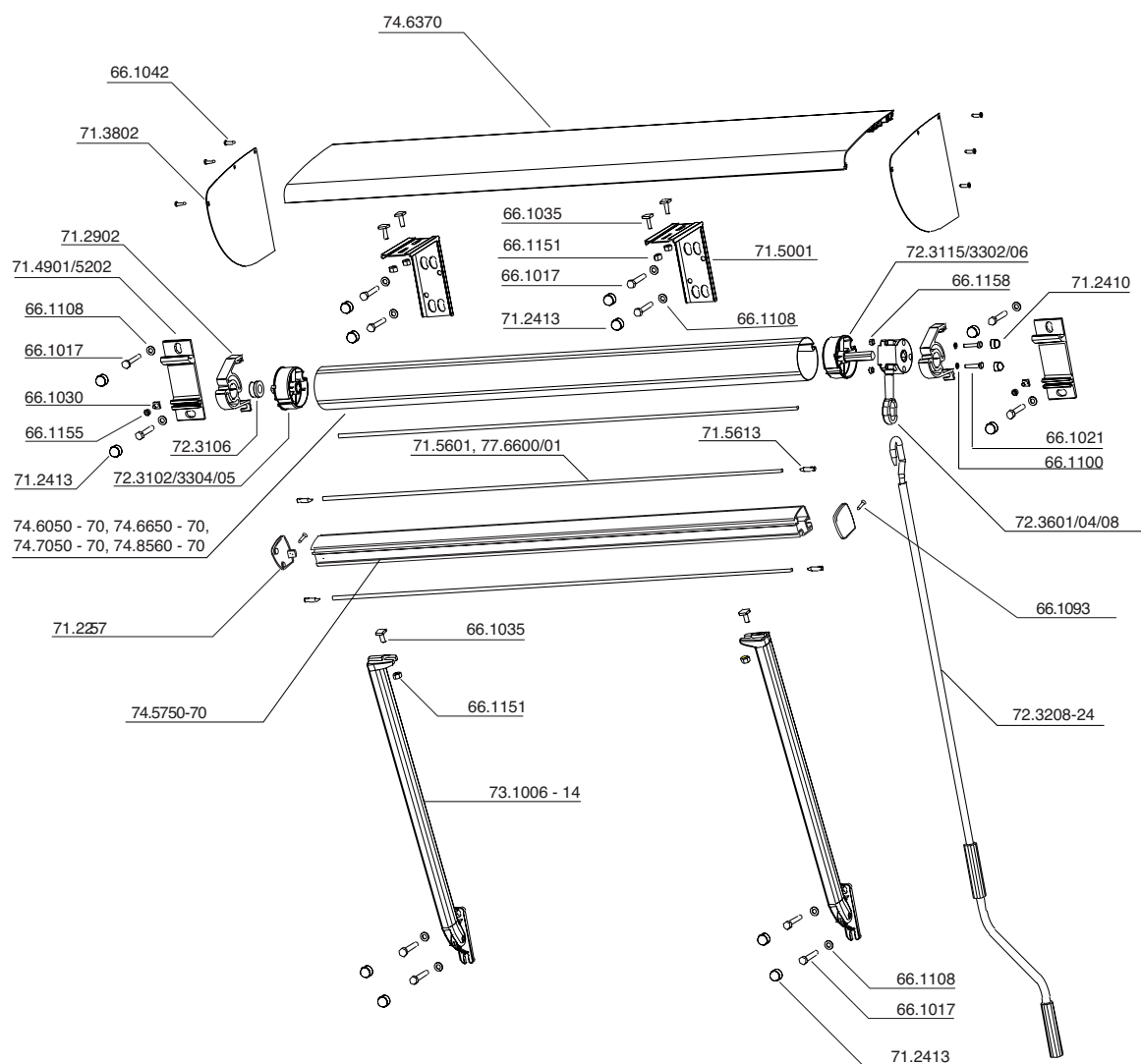
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Nonstandard Artikel

Bestell-Nr., die mit der Kennung „Nonstandard“ ausgeschrieben sind, werden nicht auf Lager gehalten. Daher verlängert sich bei diesen Artikeln die Lieferzeit. Auch Mindestbestellmengen sind erforderlich.

Technische Änderungen vorbehalten.

Exploded view DA52 with installation bracket 71.4901/5202

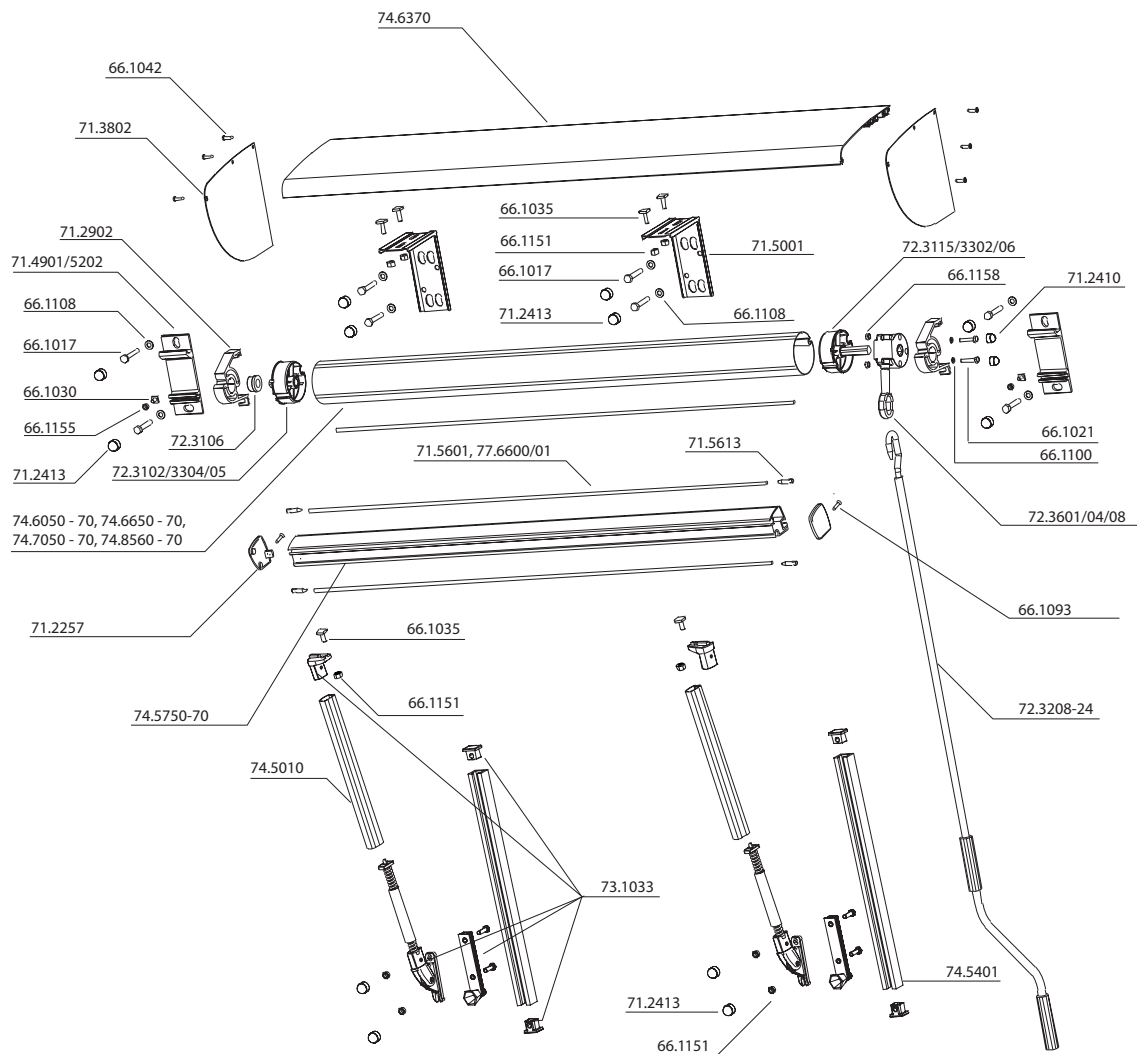


Artikel nr utan färgnummer

Article No. without colour number

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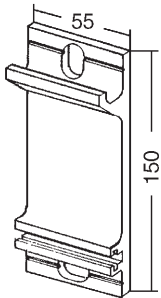
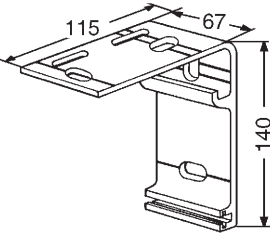
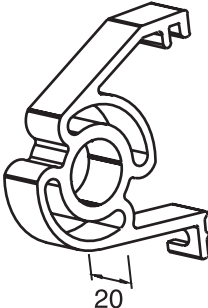
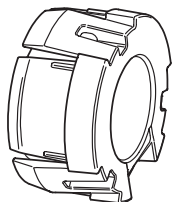
Exploded view BC56 with installation bracket 71.4901/5202

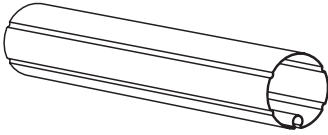
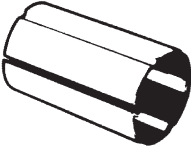
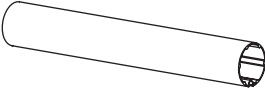
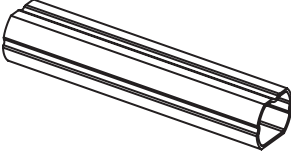


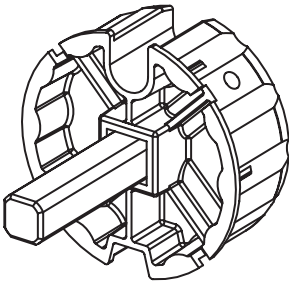
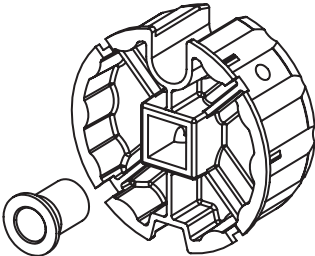
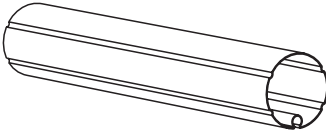
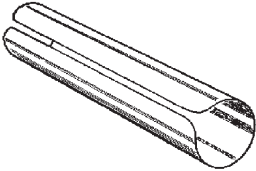
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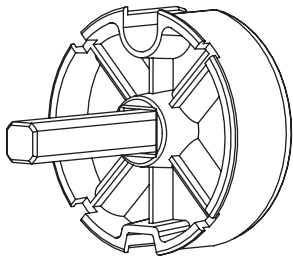
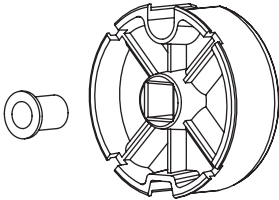
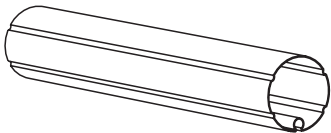
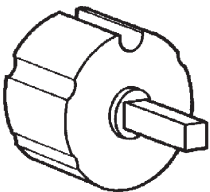
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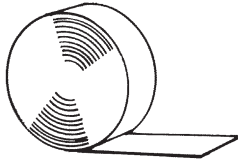
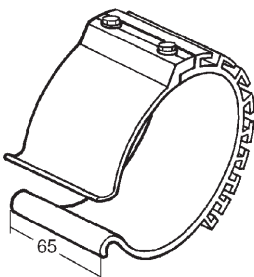
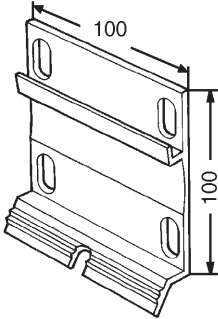
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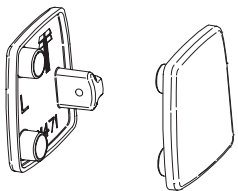
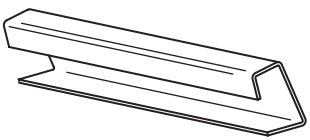
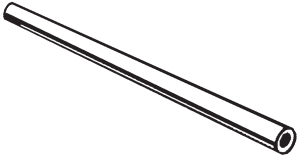
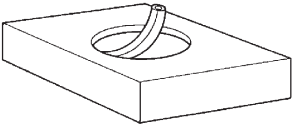
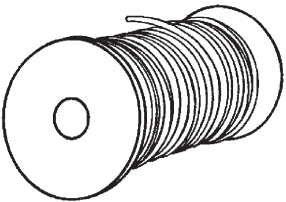
	Article No.	Description	Note	Stand. pack
		Installation bracket wall Aluminium Monteringskonsol vägg Aluminium Wandkonsole Aluminium * 66.1030, 66.1155		
	71.5202.0001	Vit White Weiss		20
	71.5202.0182	Silver Silber		20
	71.5202.0914	Svart Black Schwarz		20
		Installation bracket roof Aluminium Monteringskonsol tak Aluminium Deckenkonsole Aluminium * 66.1030, 66.1155		
	71.4901.0001	Vit White Weiss		10
	71.4901.0182	Silver Silber		10
	71.4901.0914	Svart Black Schwarz		10
		End bracket Aluminium, for installation bracket 71.5202/4901 Gavelbeslag Aluminium, för monteringskonsol 71.5202/4901 Tuchwellenhalter Aluminium, für Konsole 71.5202/4901		
	71.2902.0001	Vit White Weiss		20
	71.2902.0182	Silver Silber		20
	71.2902.0914	Svart Black Schwarz		20
		Bushing Self lubricating polyamide, for end brackets Sq 12.7 mm (1/2") Lagerbussning Självmörjande polyamid, för gavelbeslag Lagerbuchse Selbstschmierend Polyamid, für Tuchwellenhalter 15/27mm		
	72.3106.0000			20

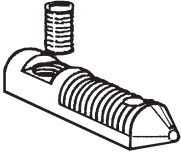
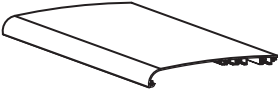
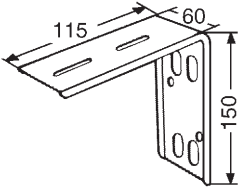
	Article No.	Description	Note	Stand. pack
		Roller tube Steel, special zinc plated Valsrör Stål, specialförzinkat Tuchwelle Stahl, spezialverzinkt	ø 70x1.0 mm	
	74.6050.0000	(16'5")	1 / 39 x5 m	5 / 195 m
	74.6070.0000	(22'11")	1 / 39 x7 m	7 / 273 m
		Joining piece Steel, zinc plated, for roller tube 74.6050 - 70 Skarvprofil Stål, förzinkat, för valsör 74.6050 - 70 Kupplung Stahl, verzinkt, für Tuchwelle 74.6050 - 70	ø 68x1.0 mm	
	71.4301.0000	L 0.5 m (1'7")		1
		Roller tube Aluminium Valsrör Aluminium Tuchwelle Aluminium	ø 71x1.8 mm	
	74.6650.0100	(16'5")	10 x5 m	50 m
	74.6670.0100	(22'11")	10 x7 m	70 m
		Joining piece Aluminium, for roller tube 74.6650 - 70 Skarvprofil Aluminium, för valsör 74.6650 - 70 Kupplung Aluminium, für Tuchwelle 74.6650 - 70	ø 67x3.0 mm	
	71.4404.0100	L 0.5 m (1'7")		1

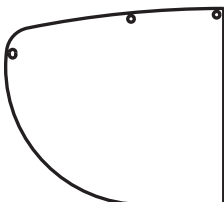
	Article No.	Description	Note	Stand. pack
		Drive bushing Zinc, for roller tube 74.6050 - 70 / 74.6650 - 70 Drivbussning Zink, för valsrör 74.6050 - 70 / 74.6650 - 70 Tuchwellenantriebsbuchse Zink, für Tuchwelle 74.6050 - 70 / 74.6650 - 70	ø 70 mm	
	72.3102.0000		Shaft 22 mm	10
	72.3115.0000		Shaft 40 mm	10
	72.3307.0000	Can be combined with 72.3101 for series connection	Shaft 120 mm	10
		Tube bushing Zinc, for roller tube 74.6050 - 70 / 74.6650 - 70 Rörbussning Zink, för valsrör 74.6050 - 70 / 74.6650 - 70 Tuchwellenlagerbuchse Zink, für Tuchwelle 74.6050 - 70 / 74.6650 - 70	ø 70 mm	
	72.3104.0000		ø 10 mm	15
		Roller tube Steel, special zinc plated Valsrör Stål, specialförzinkat Tuchwelle Stahl, spezialverzinkt	ø 78x1.0 mm	
	74.7050.0000	(16'5")	1 / 28 x5 m	5 / 140 m
	74.7070.0000	(22'11")	1 / 28 x7 m	7 / 196 m
		Joining piece Steel, zinc plated, for roller tube 74.7050 - 70 Skarvprofil Stål, förzinkat, för valsrör 74.7050 - 70 Kupplung Stahl, verzinkt, für Tuchwelle 74.7050 - 70	ø 76x1.0 mm	
	71.4302.0000	L 0.5 m (1'7")		1

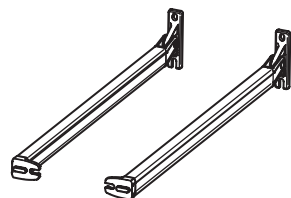
	Article No.	Description	Note	Stand. pack
		Drive bushing Zinc, for roller tube 74.7050 - 70	ø 78 mm	
		Drivbussning Zink, för valsrör 74.7050 - 70		
		Antriebszapfen Zink, für Tuchwelle 74.7050 - 70		
	72.3304.0000		Shaft 22 mm	10
	72.3302.0000		Shaft 40 mm	10
	72.3308.0000	Can be combined with 72.3116 for series connection	Shaft 120 mm	10
		Tube bushing Zinc, for roller tube 74.7050 - 70	ø 78 mm	
		Rörbussning Zink, för valsrör 74.7050 - 70		
		Tuchwellenlagerbuchse Zink, für Tuchwelle 74.7050 - 70		
	72.3103.0000		ø 10 mm	15
		Roller tube Steel, special zinc plated	ø 85x1.25 mm	
		Valsrör Stål, specialförzinkat		
		Tuchwelle Stahl, spezialverzinkt		
	74.8560.0000		1 / 23 x6 m	6 / 138 m
	74.8570.0000		1 / 23 x7 m	7 / 161 m
		Drive bushing Polyamide, for roller tube 74.8560 - 70	ø 85 mm	
		Drivbussning Polyamid, för valsrör 74.8560 - 70		
		Tuchwelle Polyamid, für Tuchwelle 74.8560 - 70		
		<i>* Includes bushing</i>		
	72.3305.0000	For gear	Shaft 33 mm	10
	72.3312.0000	For motor	Shaft 20 mm	10

	Article No.	Description	Note	Stand. pack
		Woven tape roller tube for use on visible part of roller tube Vävtejp valsrör för användning på synlig del av valsrör	widht: 50 mm	
	71.2307.0001	Vit White Weiss	length:	50 m
	71.2307.0182	Silver	length:	50 m
	71.2307.0049	Svart Black Schwarz	length:	50 m
	71.4604.0000	Centre support Aluminium, tufram Stödlager Aluminium, tufram Tuchwellenstützschale Aluminium, tufram		5
	71.4607.0000	Bracket Aluminium, for centre support Konsol Aluminium, för stödlager Konsole Aluminium, für Tuchwellenstützschale		5
		Front tube Aluminium Frontprofil Aluminium Fallstange Aluminium	43 x 46 mm	
	74.5750.0001	(13'1") Vit White Weiss	6 x 5 m	30 m
	74.5750.0182	(13'1") Silver Silber	6 x 5 m	30 m
	74.5750.0914	(13'1") Svart Black Schwarz	6 x 5 m	30 m
	74.5770.0001	(22'11") Vit White Weiss	6 x 7 m	42 m
	74.5770.0182	(22'11") Silver	6 x 7 m	42 m
	74.5770.0914	(22'11") Svart Black Schwarz	6 x 7 m	42 m

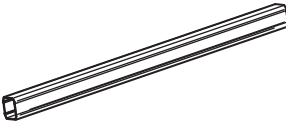
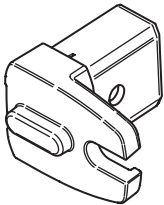
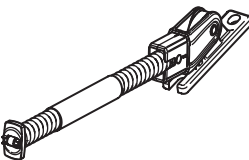
	Article No.	Description	Note	Stand. pack
		End cap Polyethylene, for front tube 74.5750-70 Ändskydd Polyeten, för frontprofil 74.5750-70 Endkappe Polyäthylen, für fallstange 74.5750-70		
	71.2257.0001	*66.1093 Vit White Weiss		20 pairs
	71.2257.0049	Svart Black Schwarz		20 pairs
	71.2257.0182	Silver Silber		20 pairs
		Joining piece Aluminium, for front tube 74.5750 - 70 Skarvprofil Aluminium, för frontprofil 74.5750 - 70		
	71.4412.0000	L 0.3 m (1')		1
		Locking profile PVC, hard, for locking of fabric Låsprofil PVC, hård, för låsning av duk Keder PVC, hart, für Tuchbefestigung	ø 6 mm	
	71.5601.0000	(19'8")	24 / 240 x6 m	144 / 1440 m
		Locking profile Polyethylene, medium, for locking of fabric Låsprofil Polyeten, halvhård, för låsning av duk Keder Polyäthylen, halbhart, für Tuchbefestigung	ø 6 mm	
	77.6600.0000	(1640')		500 m
		Locking profile Polyethylene, soft, for locking of fabric Låsprofil Polyeten, mjuk, för låsning av duk Keder Polyäthylen, weich, für Tuchbefestigung	ø 6 mm	
	77.6601.0000	(656ft)		450 m

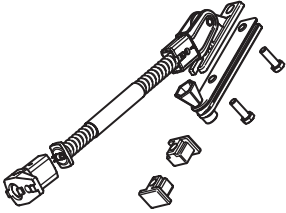
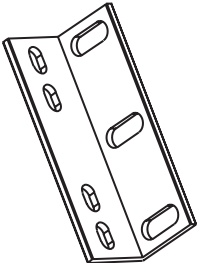
	Article No.	Description	Note	Stand. pack
		Fabric lock Zinc, with screw Duklås Zink, med skruv Tuchspanner Zink, mit Schraube	ø 8 mm	
	71.5613.0000			100
		Hood profile Aluminium Takprofil Aluminium Regendach Aluminium	215 mm	
	74.6370.0001	(13'3") Vit White Weiss	4 x7.05 m	28.2 m
	74.6370.0182	(13'3") Silver Silber	4 x7.05 m	28.2 m
	74.6370.0914	(13'3") Svart Black Schwarz	4 x7.05 m	28.2 m
		Joining pin Stainless steel, for hood profile 74.6370 Skarvstift Rostfritt stål, för takprofil 74.6370 Verbindungs-Stift Edelstahl rostfrei, für Regendach 74.6370	ø 4 mm	
	71.3902.0000	L 60 mm (2")		20
		Hood bracket Steel, zinc plated, for hood profile 74.6370 Takhållare Stål, förzinkat, för takprofil 74.6370 Regendachhalter Stahl, verzinkt, für Regendach 74.6370		
		* 66.1035, 66.1151		
	71.5001.0001	Vit White Weiss		10
	71.5001.0182	Silver Silber		10
	71.5001.0914	Svart Black Schwarz		10

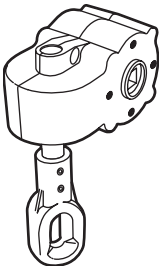
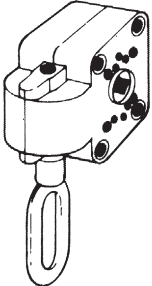
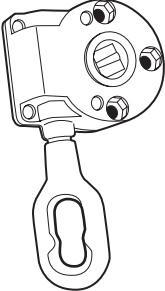
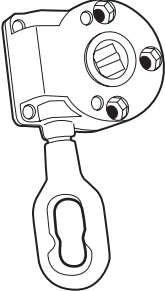
	Article No.	Description	Note	Stand. pack
		Hood side cover Aluminium, for hood profile 74.6370		
		Takgavel Aluminium, för takprofil 74.6370		
		Regendach-Seitenteil Aluminium, für Regendach 74.6370		
		* 66.1042		
	71.3802.0001	Vit White Weiss		1
	71.3802.0182	Silver Silber		1
	71.3802.0914	Svart Black Schwarz		1

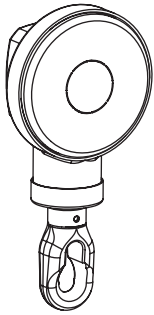
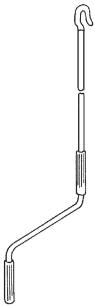
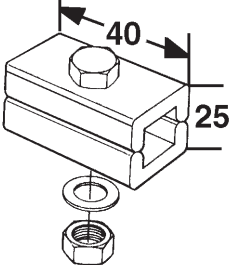


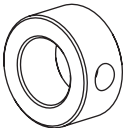
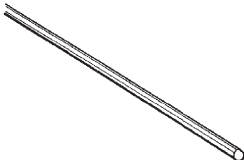
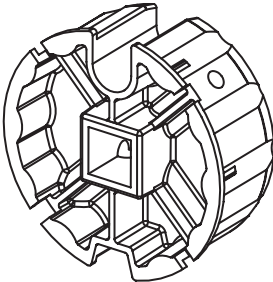
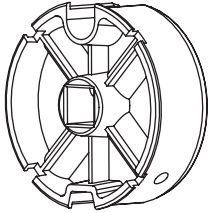
	Article No.	Description	Note	Stand. pack
		Drop arm Complete, with Dyneema tape & adjustable spring tension.		
		Fallarm Komplett, med Dyneema band & justerbar fjäderspänning.		
		Fallarm Komplett, mit Dyneema Band & einstellbar Spannung.		
		* 66.1035, 66.1151		
	73.1006.0001	(2') Vit White Weiss Non standard, min 5 pairs	0.6 m	5 pairs
	73.1006.0182	(2') Silver Silber	0.6 m	5 pairs
	73.1006.0914	(2') Svart Black Schwarz Non standard, min 5 pairs	0.6 m	5 pairs
	73.1007.0001	(2'4") Vit White Weiss	0.7 m	5 pairs
	73.1007.0182	(2'4") Silver Silber	0.7 m	5 pairs
	73.1007.0914	(2'4") Svart Black Schwarz	0.7 m	5 pairs
	73.1008.0001	(2'8") Vit White Weiss	0.8 m	5 pairs
	73.1008.0182	(2'8") Silver Silber	0.8 m	5 pairs
	73.1008.0914	(2'8") Svart Black Schwarz	0.8 m	5 pairs
	73.1009.0001	(3') Vit White Weiss	0.9 m	5 pairs
	73.1009.0182	(3') Silver Silber	0.9 m	5 pairs
	73.1009.0914	(3') Svart Black Schwarz	0.9 m	5 pairs
	73.1010.0001	(3'4") Vit White Weiss	1.0 m	5 pairs
	73.1010.0182	(3'4") Silver Silber	1.0 m	5 pairs
	73.1010.0914	(3'4") Svart Black Schwarz	1.0 m	5 pairs
	73.1011.0001	(3'7") Vit White Weiss	1.1 m	5 pairs
	73.1011.0182	(3'7") Silver Silber	1.1 m	5 pairs
	73.1011.0914	(3'7") Svart Black Schwarz	1.1 m	5 pairs
	73.1012.0001	(4') Vit White Weiss	1.2 m	5 pairs
	73.1012.0182	(4') Silver Silber	1.2 m	5 pairs
	73.1012.0914	(4') Svart Black Schwarz	1.2 m	5 pairs
	73.1013.0001	(4'3") Vit White Weiss Non standard, min 5 pairs	1.3 m	5 pairs
	73.1013.0182	(4'3") Silver Silber Non standard, min 5 pairs	1.3 m	5 pairs
	73.1013.0914	(4'3") Svart Black Schwarz Non standard, min 5 pairs	1.3 m	5 pairs
	73.1014.0001	(4'7") Vit White Weiss	1.4 m	5 pairs
	73.1014.0182	(4'7") Silver Silber	1.4 m	5 pairs
	73.1014.0914	(4'7") Svart Black Schwarz	1.4 m	5 pairs

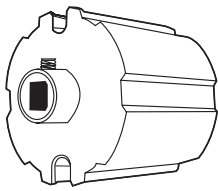
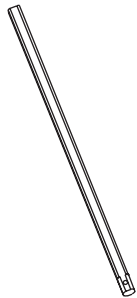
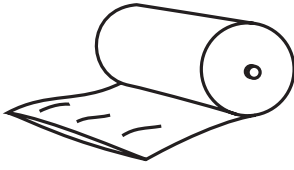
	Article No.	Description	Note	Stand. pack
		Arm profile Aluminium, for arm bracket with spring kit 73.1020 & arm fitting 73.1024 or slide rail arm set 73.1033		
		Armprofil Aluminium, för armfäste med fjädersats 73.1020 & frontfäste 73.1024 eller glidskenearmsats 73.1033		
		Armprofil Aluminium, für Arm Konsole mit Armfeder 73.1020 & Armhalterung 73.1024 oder Gleitscheine armsatz 73.1033		
	74.5010.0000	(19'8") Anodized, Non-stock item, min qty 1200 m	10 x6 m	60 m
	74.5010.0100	(19'8") Raw, Non-stock item, min qty 1200 m	10 x6 m	60 m
	74.5010.0001	(19'8") Vit White Weiss	10 x6 m	60 m
	74.5010.0182	(19'8") Silver Silber	10 x6 m	60 m
	74.5010.0914	(19'8") Svart Black	10 x6 m	60 m
		Arm fitting Zinc, for arm profile 74.5010		
		Frontfäste Zink, för armprofil 74.5010		
		Armhalterung Zink, für Armprofil 74.5010		
		*66.1035, 66.1151		
	73.1024.0000	Raw, Non-stock item, min qty 25 pcs		25
	73.1024.0001	Vit White Weiss		25
	73.1024.0182	Silver Silber		25
	73.1024.0914	Svart Black, Non-stock item, min qty 25 pcs		25
		Arm bracket with spring kit Zinc		
		Armfäste med fjädersats Zink		
		Arm Konsole mit Armfeder - Set Zink		
	73.1020.0000	Unassembled, raw, Non-stock item, min qty 25 pcs		25
	73.1020.0001	Vit White Weiss		25
	73.1020.0182	Silver Silber		25
	73.1020.0914	Svart Black, Non-stock item, min qty 25 pc		25

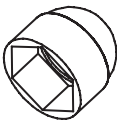
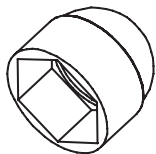
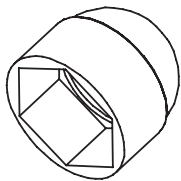
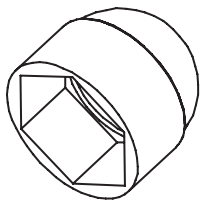
	Article No.	Description	Note	Stand. pack
		Slide rail arm set Complete with with sliding device and two stop plugs and arm bracket with spring kit and front fitting, for slide rail 74.5401		
		Glideskenearmsats Komplett med glidbeslag och två glidskenestopp, armfäste med fjädersats och frontfäste, för glidskena 74.5401 samt armfäste		
		Gleitschiene armsatz Komplett mit Gleitbeschlag und zwei Feststellschrauben und Armkonsole mit armfeder und armhalterung, für Gleitschiene 74.5401		
	73.1033.0001	Vit White Weiss		10
	73.1033.0182	Silver Silber		10
		Angle bracket Aluminium, for drop arm 73.1506-14, 73.1605-10, 73.1705-10, 73.2050-2100, 73.2250-2300, 77.0406-0410		
		Vinkelbeslag Aluminium, för fallarm 73.1506-14, 73.1605-10, 73.1705-10, 73.2050-2100, 73.2250-2300, 77.0406-0410		
		Nischenkonsole Aluminium, für Fallarm 73.1506-14, 73.1605-10, 73.1705-10, 73.2050-2100, 73.2250-2300, 77.0406-0410		
		* 66.1035, 66.1151		
	77.7206.0001	Vit White Weiss		10
	77.7206.0182	Silver Silber		10
	77.7206.0914	Svart Black Schwarz		10
 		Slide rail Aluminium, for set of arm fittings 72.0053	32 x 25 mm	
		Glidskena Aluminium, för armbeslatsats 72.0053		
		Gleitschiene Aluminium, für Armeinsatz - Set 72.0053		
	74.5401.0000	(19'8")	6x6 m	36

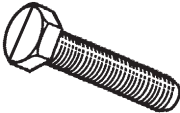
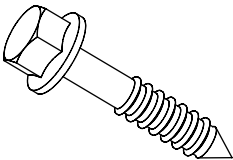
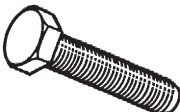
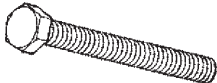
	Article No.	Description	Note	Stand. pack
		Worm gear Zinc, 8.5:1 30 Nm	Sq 12.7 mm (1/2")	
		Snäckväxel Zink, 8.5:1 30 Nm		
		Schneckenrad-Getriebe Zink, 8.5:1 30 Nm		
		*66.1020, 66.1100		
	72.3601.0001	Vit White Weiss	Shaft 41 mm	20
	72.3601.0182	Silver Silber	Shaft 41 mm	20
	72.3601.0914	Svart Black Schwarz	Shaft 41 mm	20
	72.3603.0001	Vit White Weiss	Shaft 91 mm	20
	72.3603.0182	Silver Silber	Shaft 91 mm	20
	72.3603.0914	Svart Black Schwarz	Shaft 91 mm	20
		Worm gear Zinc, 13:1 35 Nm	Sq 12.7 mm (1/2")	
		Snäckväxel Zink, 13:1 35 Nm		
		Schneckenrad-Getriebe Zink, 13:1 35 Nm		
	72.3604.0001	Vit White Weiss	Shaft 36 mm	1
	72.3604.0000	Silver Silber	Shaft 36 mm	1
		Worm gear Zinc, 7:1 20 Nm	Sq 12.7 mm (1/2")	
		Snäckväxel Zink, 7:1 20 Nm		
		Schneckenrad-Getriebe Zink, 7:1 20 Nm		
		*66.1061, 66.1100, 66.1153		
	72.3608.0001	Vit White Weiss	Shaft 35 mm	25
	72.3608.7035	Silver Silber	Shaft 35 mm	25

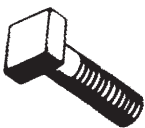
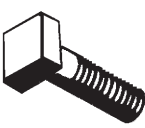
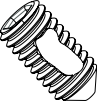
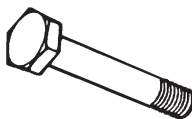
	Article No.	Description	Note	Stand. pack
		Bevel gear Zinc, 5:1 30 Nm Skruvväxel Zink, 5:1 30 Nm Schneckenrad-Getriebe Zink, 5:1 30 Nm	Sq 12.7 mm (1/2")	
	72.3605.0001	Vit White Weiss	Shaft 76 mm	1
	72.3605.0049	Svart Black Schwartz	Shaft 76 mm	1
	72.3605.7035	Silver Silber	Shaft 76 mm	1
		Crank handle 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
		Serie connection fitting Steel, zinc plated, incl. screw, washer and nut Seriekopplingsbeslag Stål, förzinkad, inkl. skruv,bricka och mutter Kupplungsverbinder Stahl, verzinkt, einschl. Schraube, Unterlegscheibe und Mutter	Sq 12.7 mm (1/2")	
	71.3703.0000			20

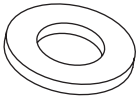
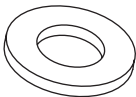
	Article No.	Description	Note	Stand. pack
	71.3705.0000	Stop ring Steel, zinc plated, for square shaft 71.3704 Stoppring Stål, förzinkat, för fyrkantsaxel 71.3704 Stelling Stahl, verzinkt, für Vierkantachse 71.3704	Ø 15 mm	1
		*66.1045		
	71.3704.0000	Square shaft Steel, zinc plated, for series connection Fyrkantsaxel Stål, förzinkat, för seriekoppling Vierkantachse Stahl, verzinkt, für Koppelanlage	Sq 12.7 mm (1/2")	3.0 m
		(9'10")		
	72.3101.0000	Series connection bushing, threaded Zinc, for roller tube 74.6050 - 70 / 74.6650 - 70 Seriekopplingsbussning, gängad Zink, för valsör 74.6050 - 70 / 74.6650 - 70 Koppelanlagen-Lagerbuchse mit Gewinde Zink, für Tuchwelle 74.6050 - 70 / 74.6650 - 70	ø 70 mm	16
		* 66.1045 Can be combined with 72.3307 for series connection		
	72.3116.0000	Series connection bushing, threaded Zinc, for roller tube 74.7050 - 70 Seriekopplingsbussning, gängad Zink, för valsör 74.7050 - 70 Koppelanlagen-Lagerbuchse mit Gewinde Zink, für Tuchwelle 74.7050 - 70	ø 78 mm	10
		* 66.1045 Can be combined with 72.3308 for series connection		

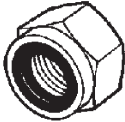
	Article No.	Description	Note	Stand. pack
		Series connection bushing, threaded Aluminium, incl. screw, for roller tube 74.8560 - 70 Seriekopplingsbussning, gängad Aluminium, inkl. skruv, för valsör 74.8560 - 70 Koppelanlagen-Lagerbuchse, mit Gewinde Aluminium, einschl. Schraube, für Tuchwelle 74.8560 - 70	ø 85 mm	
	72.3110.0000	Can be combined with 72.3306 for series connection		1
		Universal coupling Steel, zinc plated, 6 Nm Polhemsknut Stål, förzinkad, 6 Nm Kreuzgelenk Stahl, verzinkt, 6 Nm	0-45°	
	72.5001.0000	* 66.1172 Inside ø 14 mm, outside ø 20 mm		1
		Square shaft Steel, zinc plated, for universal coupling 72.5001 Fyrkantaxel Stål, förzinkad, för polhemsknut 72.5001 Vierkantachse Stahl, verzinkt, für Kreuzgelenk 72.5001	Sq 12.7 mm (1/2")	
	71.3702.0000	L 0.35 m (1'2")		1
		Plastic hose Polyethylene, for packaging of components Plastslang Polyeten, för emballering av komponenter Kunststoffschlauch Polyäthylenen, zum verpacken der Komponenten		
	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

	Article No.	Description	Note	Stand. pack
		Plastic cover Polyethylene Plastskydd Polyeten Schraubdeckel Polyäthylen	Hex 10 mm	
	71.2410.0001	Vit White Weiss		100
	71.2410.0049	Svart Black Schwarz		100
	71.2410.0182	Silver Silber		100
		Plastic cover Polyethylene Plastskydd Polyeten Schraubdeckel Polyäthylen	Hex 13 mm (M8)	
	71.2413.0001	Vit White Weiss		100
	71.2413.0049	Svart Black Schwarz		100
	71.2413.0182	Silver Silber		100
		Plastic cover Polyethylene Plastskydd Polyeten Schraubdeckel Polyäthylen	Hex 17 mm (M10)	
	71.2417.0001	Vit White Weiss		100
	71.2417.0049	Svart Black Schwarz		100
	71.2417.0182	Silver Silber		100
		Plastic cover Polyethylene Plastskydd Polyeten Schraubdeckel Polyäthylen	Hex 19 mm (M12)	
	71.2419.0001	Vit White Weiss		100
	71.2419.0049	Svart Black Schwarz		100
	71.2419.0182	Silver Silber		100

	Article No.	Description	Note	Stand. pack
	66.1000.0000	Bolt Stainless steel Skruv Rostfritt stål Schraube Edelstahl rostfrei	Spanner 10 mm	100
			M6x20	
	66.1205.0000	Screw for installation Steel, Protect 4 Monteringsskruv Stål, Protect 4 Befestigungsschraube Stahl, Protect 4	Spanner 10 mm	50
			B8x50	
	66.1020.0000	Bolt Stainless steel Skruv Rostfritt stål Schraube Edelstahl rostfrei	Spanner 10 mm	100
	66.1022.0000		M6x30	100
			M6x55	100
	66.1021.0000	Bolt Stainless steel Skruv Rostfritt stål Schraube Edelstahl rostfrei	Spanner 10 mm	100
			M6x60	

	Article No.	Description	Note	Stand. pack
	66.1030.0000	T-slot bolt Stainless steel	Spanner 12 mm	100
		T-spårskruv Rostfritt stål		
		T-Schlitzschraube Edelstahl-Rostfrei		
			M6x12	
	66.1035.0000	T-slot bolt Stainless steel, Dacrolit	Spanner 15 mm	100
		T-spårskruv Rostfritt stål, Dacrolit		
		T-Schlitzschraube Edelstahl rostfrei, Dacrolit		
			M8x18	
	66.1042.0000	Screw Stainless steel	Philips No. 2	100
		Skruv Rostfritt stål		
		Schraube Edelstahl rostfrei		
			B10x19	
	66.1045.0000	Screw Steel, zinc plated, with thread lock	Allen key 3 mm	200
		Skruv Stål, förzinkat, med gänglåsning		
		Schraube Stahl, verzinkt, mit Gewindeverschluss		
			M6x12	
	66.1061.0000	Bolt Stainless steel	Spanner 10 mm	100
		Skruv Rostfritt stål		
		Schraube Edelstahl rostfrei		
			M6x50	

	Article No.	Description	Note	Stand. pack
	66.1066.0000	Screw Stainless steel Skruv Rostfritt stål Schraube Edelstahl rostfrei	Torx T20	1000
			B8x13	
	66.1093.0000	Screw Stainless steel, thread-forming for plastic Skruv Rostfritt stål, gängformande för plast Schraube Edelstahl rostfrei, gewindeformende für Kunststoff	Torx T20	100
			TP 4.0x8	
	66.1100.0000	Washer Stainless steel Bricka Rostfritt stål Unterlegscheibe Edelstahl rostfrei		100
			6.7x14x1.5	
	66.1108.0000	Washer Stainless steel Bricka Rostfritt stål Unterlegscheibe Edelstahl rostfrei		200
			8.4x16x1.5	
	66.1151.0000	Flange nut Stainless steel, zinc plated Flänsmutter Rostfritt stål, förzinkat Flanchenmutter Edelstahl rostfrei, verzinkt	Spanner 13 mm	100
			M8	

	Article No.	Description	Note	Stand. pack
	66.1153.0000	Lock nut Stainless steel	Spanner 10 mm	200
		Låsmutter Rostfritt stål		
		Gegenmutter Edelstahl rostfrei		
			M6	
	66.1155.0000	Flange nut Stainless steel, zinc plated	Spanner 10 mm	100
		Flänsmutter Rostfritt stål, förzinkad		
		Flanschenmutter Edelstahl rostfrei, verzinkt		
			M6	
	66.1158.0000	Nut Stainless steel	Spanner 10 mm	100
		Mutter Rostfritt stål		
		Mutter Edelstahl rostfrei		
			M6	
	66.1172.0000	Slotted pin Steel, zinc plated		100
		Räffelpinne Stål, förzinkad		
		Kerbstift Stahl, verzinkt		
			Ø 4 x 20 mm	
	71.2308.0001 71.2308.0182 71.2308.0914	Paint 20 ml for improvement with paint of profiles and castings		1 1 1
		Bättringsfärg för bättring av färg på profiler och gjutgoods		
		Vit White		
		Silver		
		Svart Black Schwarz		

Cross reference

Description	Article No.	Articles for assembly	Quantity
End bracket	71.2902		
with gear 72.3601/04		66.1020	2
		66.1100	2
with gear 72.3608		66.1022	2
		66.1100	2
		66.1158	2
Hood side cover	71.3802	66.1042	3
Bracket	71.4607	66.1030	1
		66.1155	1
Installation bracket roof	71.4901	66.1030	1
		66.1155	1
Hood bracket	71.5001	66.1035	2
		66.1151	2
Installation bracket wall	71.5202	66.1030	1
		66.1155	1
Arm fitting	73.1024	66.1035	1
		66.1151	1
Slide rail set	73.1033	66.1151	2
Series connection bushing	72.3101/16	66.1045	1
Drop arm	73.1006 - 14	66.1035	2
		66.1151	2
Installation bracket universal	77.3036		
with gear 72.3601/04		66.1000	2
		66.1100	2
with gear 73.3608		66.1061	2
		66.1100	4
		66.1158	2
End cap	71.2257	66.1093	1
Angle bracket	77.7206	66.1035	2
		66.1151	2
Installation of brackets		66.1017	2
		66.1108	2

Note: For Somfy motor bracket, use the recommended fasteners for gear 72.3601.

Fabrication guidelines DA52

Drop arm, installation bracket and centre support per roller tube and awning width

Awning width	Drop arm	Installation bracket	Centre support		
			Roller tube [mm]		
			Ø 70/71	Ø 78	Ø 85
	[PCS]	[PCS]	[PCS]	[PCS]	[PCS]
≤ 3000 mm (9'10")	2	2	0	0	0
≤ 5600 mm (18'4")	3	2	2	0	0
≤ 6000 mm (19'8")	3	2	2	2	0
≤ 7000 mm (22'11")	4	2	2	2	0

The awning width is defined as the total horizontal length of the awning excluding hood.

Drop arm

Projection (length of arms including depth of front profile): 600 mm (2') – 1400 mm (4'7").

Standard spring tension is recommended for drop arms up to 1000 mm (3'3") projection,

extra heavy spring tension recommended from 1100 mm (3'7") up to 1400 mm (4'7").

Max distance between arms 3000 mm (9'10").

For assembly of drop arms, the arm profile should be 130 mm (5 1/8") shorter than the projection.

Installation of centre support

The centre supports should be assembled over the sewing joints that are located closest to the centre of the awning.

Adjust the angle of the centre support so that the fabric does not touch its lower or upper lip.

Fabric

Fabric requirement at projection: double arm length + 400 mm (1'4") including valance.

Fabric requirement at projection: double arm length + 200 mm (8") excluding valance.

Hood

Hood profile 50 mm (2") longer than total width.

Max distance between hood brackets 1500 mm (5').

Cutting specifications from total awning width for Installation bracket 71.4901/5202

	Gear	Gear	Gear	Motor
	72.3601/04	72.3605	72.3608	Somfy LT 50
Roller tube 70-78 mm	130 mm	116 mm	110 mm	100 mm
Roller tube 85 mm	135 mm	121 mm	115 mm	105 mm
Front tube	130 mm	116 mm	110 mm	100 mm
Fabric	160 mm	146 mm	140 mm	130 mm

Cutting specifications from total awning width for series connection for Installation bracket 71.4901/5202

	Gear	Gear	Gear	Motor	
	72.3601/04	72.3605		72.3608	Somfy LT 50
Roller tube 70-78 mm	115 mm	101 mm	95 mm	85 mm	
Roller tube 85 mm	130 mm	116 mm	110 mm	100 mm	
Front tube	115 mm	101 mm	95 mm	85 mm	
Fabric 70 & 78 mm	145 mm	131 mm	125 mm	115 mm	
Fabric 85 mm	160 mm	146 mm	140 mm	130 mm	

No motor or gear

	Centre awning	End awning
Roller tube 70-78 mm	30 mm	55 mm
Roller tube 85 mm	60 mm	75 mm
Front tube	30 mm	55 mm
Fabric 70 & 78 mm	60 mm	85 mm
Fabric 85 mm	90 mm	105 mm

Special instruction for series connection of awnings with End bracket 71.2902.

Bushing 72.3106.0000 should be used on both sides of the concerned end brackets.

Minimum gap between fabrics: 70 mm (2 3/4").

Weight (in kilograms) per width and projection

Width [m]	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
Projection [m]												
0.6	9.5	12.0	14.0	16.0	19.0	21.0	23.0	25.0	27.0	29.5	32.0	34.5
0.7	10.0	12.0	14.0	16.0	19.0	21.5	23.5	25.5	27.5	30.0	33.0	35.0
0.8	10.0	12.0	14.5	16.5	20.0	21.5	24.0	26.0	28.0	30.0	33.5	36.0
0.9	10.0	12.5	14.5	16.5	20.0	22.0	24.0	26.5	28.5	30.5	34.0	36.0
1.0	10.5	12.5	14.5	17.0	20.0	22.5	24.5	26.5	29.0	31.0	34.5	36.5
1.1	10.5	12.5	15.0	17.0	20.5	22.5	25.0	27.0	29.5	31.5	35.0	37.0
1.2	10.5	13.0	15.0	17.5	20.5	23.0	25.5	27.5	30.0	32.0	35.5	37.5
1.3	11.0	13.0	15.5	17.5	21.0	23.5	25.5	28.0	30.0	32.5	36.0	38.0
1.4	11.0	13.5	15.5	18.0	21.5	23.5	26.0	28.5	30.5	33.0	36.5	39.0

Table valid for Ø 70 and Ø 78 roller tube.

Add 0.8 kg/metre for roller tube 74.85xx (Ø 85 mm).

Add 2.2 kg/metre for hood 74.63xx including hood bracket.

Add 0.5 kg for centre support 71.4604.

Add 1.0 kg/metre for slide rail 74.5401.

Fabrication guidelines BC56

Drop arm, installation bracket and centre support per roller tube and awning width

Awning width	Drop arm	Installation bracket	Centre support Roller tube [mm]		
			Ø 70/71 [PCS]	Ø 78 [PCS]	Ø 85 [PCS]
≤ 4000 mm (13'1")	[PCS] 2	[PCS] 2	0	0	0

The awning width is defined as the total horizontal length of the awning excluding hood.

Drop arm

Projection (length of arms including depth of front profile): 600 mm (2') – 2200 mm (7'3").

Standard spring tension are recommended for drop arms up to 1000 mm (3'3") projection, extra heavy spring tension recommended from 1100 mm (3'8") up to 2200 mm (7'3").

For assembly of drop arms, the arm profile should be 130 mm (5 1/8") shorter than the projection.

Fabric

Fabric requirement at projection: arm length + 650 mm (1') including valance.

Fabric requirement at projection: arm length + 450 mm (4") excluding valance.

Hood

Hood profile 50 mm (2") longer than total width.

Slide rail

Minimum projection angel 15°.

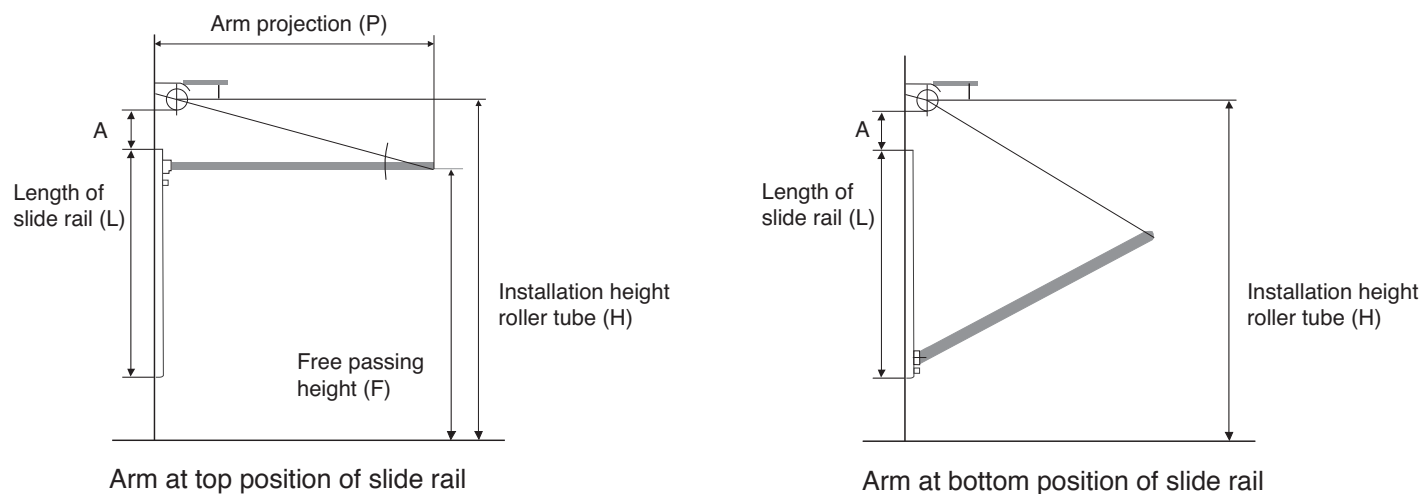
Drill two holes with ø 10 mm drill through the two end stops (included in slide rail kit 72.0051) to fasten the slide rail against the wall.

To lock the sliding arms, drill holes with ø 10.3 mm drill, 40 mm (1 1/2") from the top and 155 mm (6") from the bottom of the slide rail (measured without end stops).

Cutting specifications from total awning width

Equal to DA52, see page 39-40.

Installation view BC56



Cutting specification of slide rail

Decide first the projection of the arms [P], 600 – 2200 mm, and the free passing height [F], normally 2200 mm.

Decide then the distance from the roller tube with fabric to the top of the slide rail [A], normally 200 mm.

The length of the slide rail [L] is then calculated as follows, $L = P - A + 185$ (mm).

Calculation of installation height roller tube

The installation height [H] is calculated as follows, $H = F + A + \text{Tube diameter}/2$ (mm), where the tube diameter is the outside diameter of the roller tube with fabric.

Required torque for DA52 & BC56

(Nm)		Roller tube ø70 mm															
Projection	Width [m]	3,5		5		7		10		14		18		21		25	
	No. of awnings	1 x3,5 m		1 x5 m		1 x7 m		2		2 x7 m		3		3 x7 m		4	
	No. of arms	2	3	3	4	3	4	5	6	6	8	8	9	9	12	10	15
	0,6 -1,0 m	7	11	12	16	14	18	24	28	32	39	43	46	49	60	57	74
	1,1-1,4 m	10	15	17	22	19	24	32	37	41	51	55	60	63	78	72	97

(Nm)		Roller tube ø78 mm															
Projection	Width [m]	3,5		5		7		10		14		18		21		25	
	No. of awnings	1 x3,5 m		1 x5 m		1 x7 m		2		2 x7 m		3		3 x7 m		4	
	No. of arms	2	3	3	4	3	4	5	6	6	8	8	9	9	12	10	15
	0,6 -1,0 m	8	12	14	18	16	20	27	31	35	43	47	51	54	66	62	82
	1,1-1,4 m	11	17	18	24	20	26	34	40	44	55	59	64	67	84	77	104

(Nm)		Roller tube ø85 mm															
Projection	Width [m]	3,5		5		7		10		14		18		21		25	
	No. of awnings	1 x3,5 m		1 x5 m		1 x7 m		2		2 x7 m		3		3 x7 m		4	
	No. of arms	2	3	3	4	3	4	5	6	6	8	8	9	9	12	10	15
	0,6 -1,0 m	9	14	15	20	17	22	29	34	38	47	51	55	58	72	67	89
	1,1-1,4 m	12	18	20	26	22	28	37	43	47	59	63	69	72	90	82	112

Standard spring tension is recommended for drop arms up to 1,0 m projection.

Extra heavy spring tension is recommended from 1,1-1,4 m projection.

Bill of material: DA52 with installation bracket 71.5202 and gear operation

	Article No	Qty				Unit	Pack [Unit]	
		2 m	3 m	6 m	7 m			
Drop arms								
Drop arm 0.6 m	73.1006.xxxx	1	1	1.5	2	Pair	5	Non stock item
Drop arm 0.7 m	73.1007.xxxx	1	1	1.5	2	Pair	5	
Drop arm 0.8 m	73.1008.xxxx	1	1	1,5	2	Pair	5	
Drop arm 0.9 m	73.1009.xxxx	1	1	1,5	2	Pair	5	
Drop arm 1.0 m	73.1010.xxxx	1	1	1,5	2	Pair	5	
Drop arm 1.1 m	73.1011.xxxx	1	1	1,5	2	Pair	5	
Drop arm 1.2 m	73.1012.xxxx	1	1	1,5	2	Pair	5	
Drop arm 1.3 m	73.1013.xxxx	1	1	1.5	2	Pair	5	Non stock item
Drop arm 1.4 m	73.1014.xxxx	1	1	1,5	2	Pair	5	
T-slotted bolt	66.1035.0000	2	2	3	4	PCS	100	
Flange nut	66.1151.0000	2	2	3	4	PCS	100	
Screw	66.1205.0000	4	4	6	8	PCS	50	
Plastic cover	71.2410.xxxx	4	4	6	8	PCS	100	
Profiles								
Roller tube 78 mm	74.70x0.0000	2,0	3,0	6,0	7,0	m	1/28 profiles	
Front tube 43x46 mm	74.5770.xxxx	2,0	3,0	6,0	7,0	m	6 profiles	
Locking profile	71.5601.0000	6,0	9,0	18,0	21,0	m	144/1440	
Components								
Installation bracket wall	71.5202.xxxx	2	2	2	2	PCS	20	
Screw	66.1205.0000	4	4	4	4	PCS	50	
Plastic cover	71.2410.xxxx	4	4	4	4	PCS	100	
End bracket	71.2902.xxxx	2	2	2	2	PCS	20	
T-slotted bolt	66.1030.0000	2	2	2	2	PCS	100	
Flange nut	66.1155.0000	2	2	2	2	PCS	100	
Bushing	72.3106.0000	1	1	1	1	PCS	20	
Drive bushing 40 mm	72.3302.0000	1	1	1	1	PCS	10	
Drive bushing 22 mm	72.3304.0000	1	1	1	1	PCS	10	
Bracket	71.4607.0000	-	-	2	2	PCS	5	
Screw	66.1205.0000	-	-	4	4	PCS	50	
T-slotted bolt	66.1030.0000	-	-	2	2	PCS	100	
Flange nut	66.1155.0000	-	-	2	2	PCS	100	
Centre support	71.4604.0000	-	-	2	2	PCS	5	
Gear 7:1 20 Nm	72.3608.0001	1	1	1	1	PCS	25	
Crank handle	72.3216.7035	1	1	1	1	PCS	10	
Bolt	66.1022.0000	2	2	2	2	PCS	100	
Washer	66.1100.0000	2	2	2	2	PCS	100	
Nut	66.1158.0000	2	2	2	2	PCS	100	
Plastic cover	71.2410.xxxx	2	2	2	2	PCS	100	
End cap	71.2257.xxxx	2	2	2	2	Pair	20	
Screw	66.1093.0000	2	2	2	2	PCS	100	
Fabric lock	71.5613.0000	4	4	4	4	PCS	100	
Hood								
Hood profile 215 mm	74.63x0.xxxx	2,05	3,05	6,05	7,05	m	4 profiles	
Hood bracket	71.5001.xxxx	2	3	5	5	PCS	10	
Screw	66.1205.0000	4	6	10	10	PCS	50	
Plastic cover	71.2410.xxxx	4	6	10	10	PCS	100	
T-slotted bolt	66.1035.0000	4	6	10	10	PCS	100	
Flange nut	66.1151.0000	4	6	10	10	PCS	100	
Hood side cover	71.3802.xxxx	2	2	2	2	PCS	1	
Screw	66.1042.0000	6	6	6	6	PCS	100	

Bill of material: DA52 with installation bracket 71.5202 and motor operation

	Article No	Qty				Unit	Pack [Unit]	
Drop arms		2 m	3 m	6 m	7 m			
Drop arm 0.6 m	73.1006.xxxx	1	1	1.5	2	Pair	5	Non stock item
Drop arm 0.7 m	73.1007.xxxx	1	1	1,5	2	Pair	5	
Drop arm 0.8 m	73.1008.xxxx	1	1	1,5	2	Pair	5	
Drop arm 0.9 m	73.1009.xxxx	1	1	1,5	2	Pair	5	
Drop arm 1.0 m	73.1010.xxxx	1	1	1,5	2	Pair	5	
Drop arm 1.1 m	73.1011.xxxx	1	1	1,5	2	Pair	5	
Drop arm 1.2 m	73.1012.xxxx	1	1	1,5	2	Pair	5	
Drop arm 1.3 m	73.1013.xxxx	1	1	1.5	2	Pair	5	Non stock item
Drop arm 1.4 m	73.1014.xxxx	1	1	1,5	2	Pair	5	
T-slotted bolt	66.1035.0000	2	2	3	4	PCS	100	
Flange nut	66.1151.0000	2	2	3	4	PCS	100	
Screw	66.1205.0000	4	4	6	8	PCS	50	
Plastic cover	71.2410.xxxx	4	4	6	8	PCS	100	
Profiles								
Roller tube 78 mm	74.70x0.0000	2,0	3,0	6,0	7,0	m	1/28 profiles	
Front tube 43x46 mm	74.5770.xxxx	2,0	3,0	6,0	7,0	m	6 profiles	
Locking profile	71.5601.0000	6,0	9,0	18,0	21,0	m	144/1440	
Components								
Installation bracket wall	71.5202.xxxx	2	2	2	2	PCS	20	
Screw	66.1205.0000	4	4	4	4	PCS	50	
Plastic cover	71.2410.xxxx	4	4	4	4	PCS	100	
End bracket	71.2902.xxxx	2	2	2	2	PCS	20	
T-slotted bolt	66.1030.0000	2	2	2	2	PCS	100	
Flange nut	66.1155.0000	2	2	2	2	PCS	100	
Bushing	72.3106.0000	1	1	1	1	PCS	20	
Drive bushing 22 mm	72.3304.0000	1	1	1	1	PCS	10	
Bracket	71.4607.0000	-	-	2		PCS	5	
Screw	66.1205.0000	-	-	4	4	PCS	50	
T-slotted bolt	66.1030.0000	-	-	2	2	PCS	100	
Flange nut	66.1155.0000	-	-	2	2	PCS	100	
Centre support	71.4604.0000	-	-	2	2	PCS	5	
End cap	71.2257.xxxx	2	2	2	2	Pair	20	
Screw	66.1093.0000	2	2	2	2	PCS	100	
Fabric lock	71.5613.0000	4	4	4	4	PCS	100	
Motor								
Tubular motor	from motor supplier							
Motor bracket	from motor supplier							
Adapter set	from motor supplier							
Screws	from motor supplier							
Hood								
Hood profile 215 mm	74.63x0.xxxx	2,05	3,05	6,05	7,05	m	4 profiles	
Hood bracket	71.5001.xxxx	2	3	5	5	PCS	10	
Screw	66.1205.0000	4	6	10	10	PCS	50	
Plastic cover	71.2410.xxxx	4	6	10	10	PCS	100	
T-slotted bolt	66.1035.0000	4	6	10	10	PCS	100	
Flange nut	66.1151.0000	4	6	10	10	PCS	100	
Hood side cover	71.3802.xxxx	2	2	2	2	PCS	1	
Screw	66.1042.0000	6	6	6	6	PCS	100	

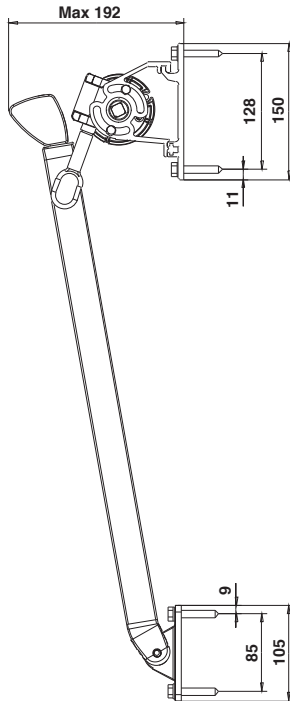
Bill of material: BC56 with installation bracket 71.5202 and gear operation

(1.515 meter high slide rails & 1.5 meter projection)

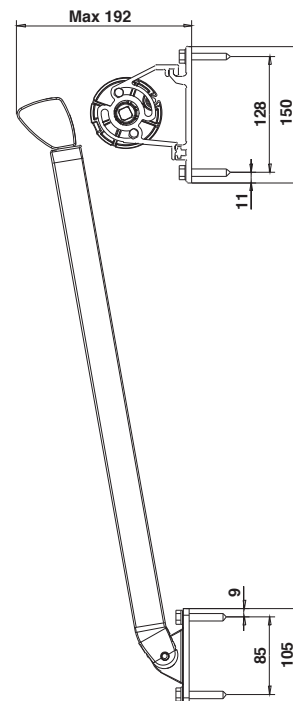
	Article No	Qty			Unit	Pack [Unit]
Drop arms with slide rail		2,0 m	3,0 m	4,0 m		
Slide rail arm set	73.1033.xxxx	2	2	2	PCS	10
Arm profile	74.5010.xxxx	2,74	2,74	2,74	m	10 profiles
Slide rail	74.5401.0000	3,03	3,03	3,03	m	6 profiles
T-slotted bolt	66.1035.0000	2	2	2	PCS	100
Flange nut	66.1151.0000	2	2	2	PCS	100
Screw	66.1205.0000	4	4	4	PCS	50
Plastic cover	71.2410.xxxx	4	4	4	PCS	100
Profiles						
Roller tube 78 mm	74.70x0.0000	2,0	3,0	3,0	m	1/28 profiles
Front tube 43x46 mm	74.5770.xxxx	2,0	3,0	3,0	m	6 profiles
Locking profile	71.5601.0000	6,0	9,0	9,0	m	144/1440
Components						
Installation bracket wall	71.5202.xxxx	2	2	2	PCS	20
Screw	66.1205.0000	4	4	4	PCS	50
Plastic cover	71.2410.xxxx	4	4	4	PCS	100
End bracket	71.2902.xxxx	2	2	2	PCS	20
T-slotted bolt	66.1030.0000	2	2	2	PCS	100
Flange nut	66.1155.0000	2	2	2	PCS	100
Bushing	72.3106.0000	1	1	1	PCS	20
Drive bushing 40 mm	72.3302.0000	1	1	1	PCS	10
Drive bushing 22 mm	72.3304.0000	1	1	1	PCS	10
Bracket	71.4607.0000	-	-	-	PCS	5
Screw	66.1205.0000	-	-	-	PCS	50
T-slotted bolt	66.1030.0000	-	-	-	PCS	100
Flange nut	66.1155.0000	-	-	-	PCS	100
Centre support	71.4604.0000	-	-	-	PCS	5
Gear 7:1 20 Nm	72.3608.0001	1	1	1	PCS	25
Crank handle	72.3216.7035	1	1	1	PCS	10
Bolt	66.1022.0000	2	2	2	PCS	100
Washer	66.1100.0000	2	2	2	PCS	100
Nut	66.1158.0000	2	2	2	PCS	100
Plastic cover	71.2410.xxxx	2	2	2	PCS	100
End cap	71.2257.xxxx	2	2	2	Pair	20
Screw	66.1093.0000	2	2	2	PCS	100
Fabric lock	71.5613.0000	4	4	4	PCS	100
Hood						
Hood profile 215 mm	74.63x0.xxxx	2,05	3,05	4,05	m	4 profiles
Hood bracket	71.5001.xxxx	2	3	3	PCS	10
Screw	66.1205.0000	4	6	6	PCS	50
Plastic cover	71.2410.xxxx	4	6	6	PCS	100
T-slotted bolt	66.1035.0000	4	6	6	PCS	100
Flange nut	66.1151.0000	4	6	6	PCS	100
Hood side cover	71.3802.xxxx	2	2	2	PCS	1
Screw	66.1042.0000	6	6	6	PCS	100

Installation view DA52 (installation brackets 71.5202)

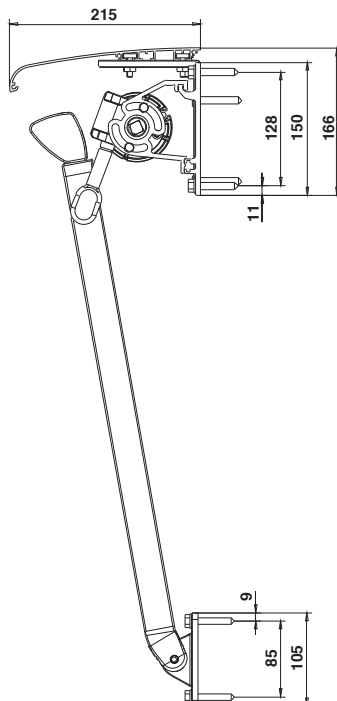
DA52 Gear Drive



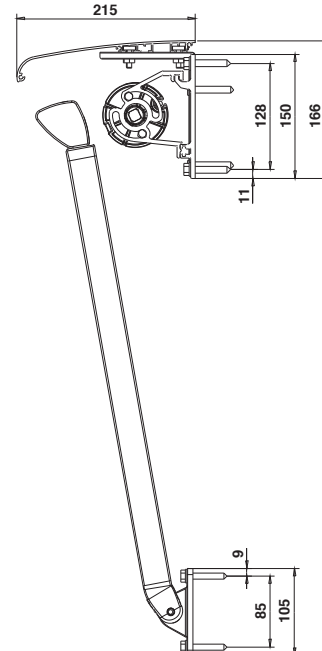
DA52 Motor



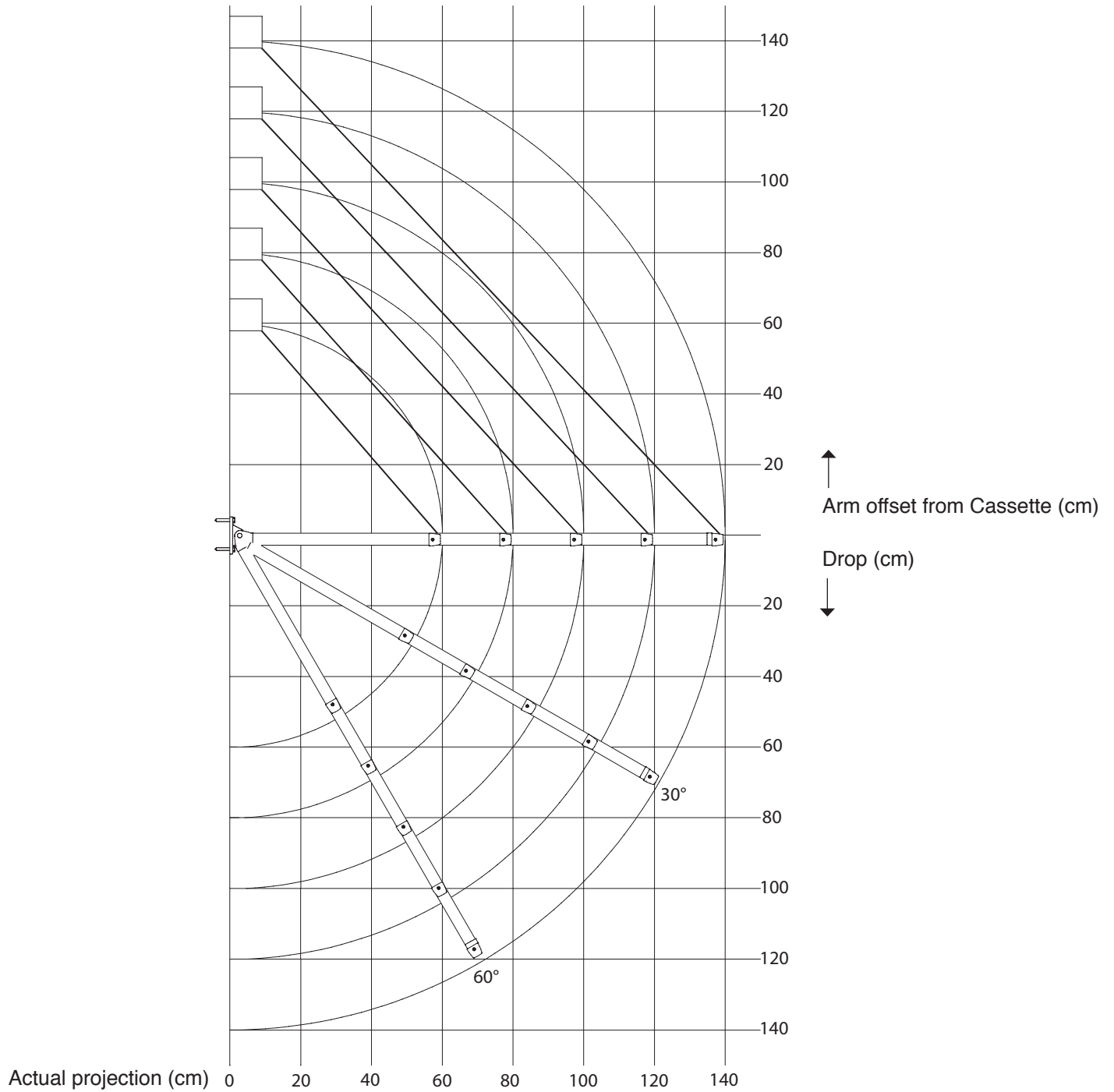
DA52 Gear Hood Drive



DA52 Motor with Hood



Projection Diagram arm 73.1506-14



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