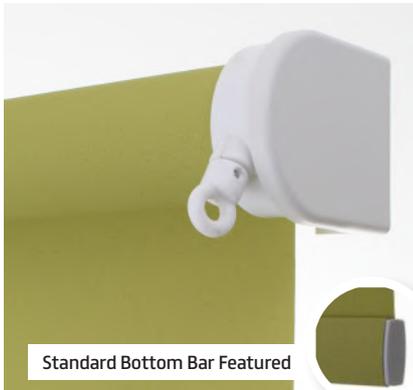


R20W Light Duty Crank

Roller Blinds



R20W Light Duty Crank

Features:

The R20W plastic crank controlled roller blind features a 40mm grooved aluminium barrel and white metal universal brackets for face or top fixing. The robust plastic wind mechanism ensures a very smooth blind control, operated by a detachable handle. Fabric is locked into groove in barrel, and features white plastic bottom bar as standard.

Benefits:

Durability and simplicity make the R20W a good choice for a vast range of applications. The detachable handle ensures the blind is vandal resistant and safe for areas where cords are a threat; the fabric locked into the barrel and bottom bar, supported by sturdy metal brackets with cover; and the mechanism is encased within a plastic housing.

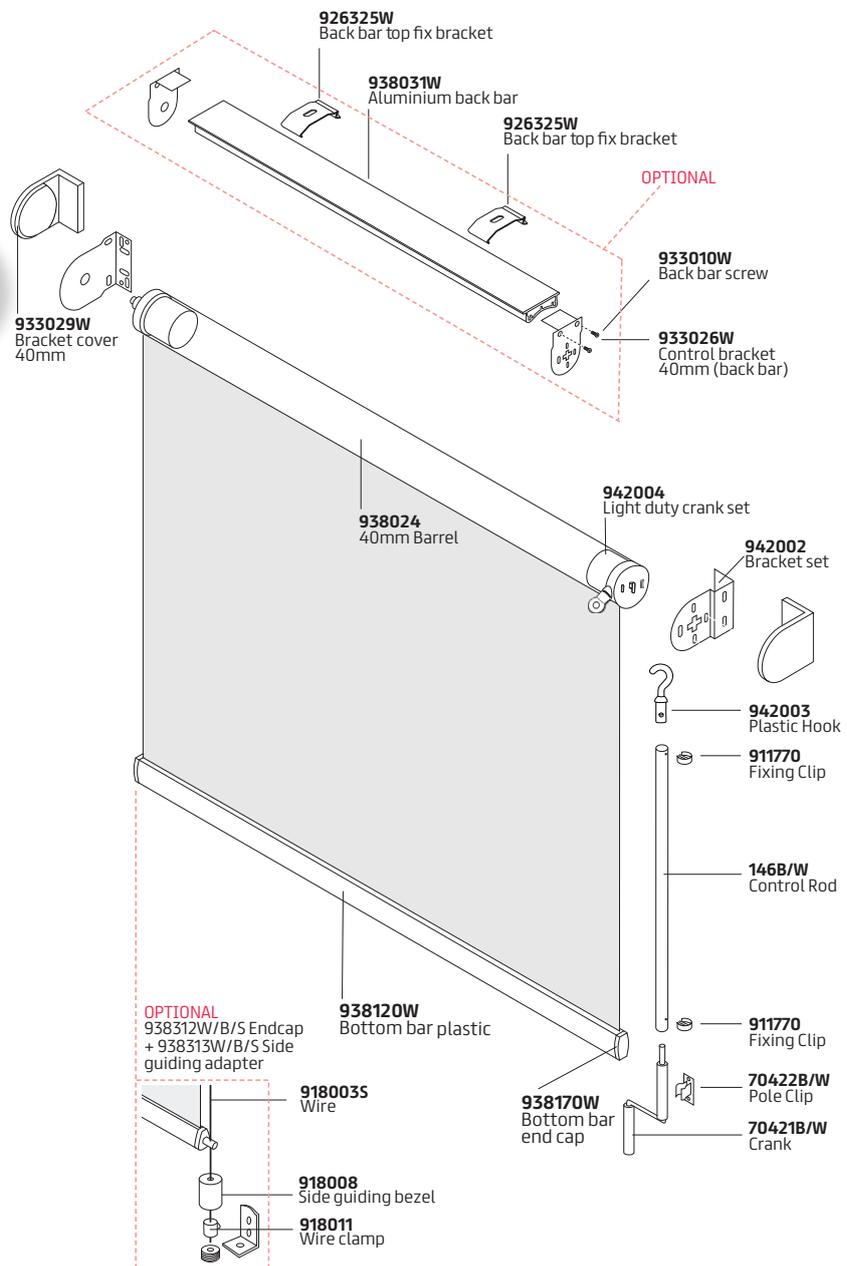
Options:

Alternative bottom bars including fully fabric covered in aluminium or plastic, and aluminium Tear Drop in black or silver; Wire side-guiding system; White aluminium back bar; Fascia.

Specification:

The R20W plastic crank controlled roller blind with detachable handle as manufactured by Smartshade. Robust plastic wind mechanism and pin end enclosed within a plastic housing and supported by white metal brackets with covers. Flame retardant fabric from the Smartshade range, locked into grooved 40mm aluminium barrel along with plastic bottom bar.

Please refer to NBS Plus N10 240.



R40 Premium Sidewinder

Roller Blinds



Standard Bottom Bar Featured

R40 Premium Sidewinder

Features:

The R40 heavy duty roller blind with premium sidewinder mechanism as standard. White plastic brackets for face or top fixing with 36mm grooved aluminium barrel or white metal brackets with 53 or 70mm grooved aluminium barrel, depending on blind size and fabric weight. Superior quality 1:4 geared sidewinder mechanisms for heavy duty operation, with metal control chain. Fabric is locked into groove in barrel, and features white Tear Drop aluminium bottom bar as standard.

Benefits:

The R40 opens up a whole range of premium quality sidewinder controlled blinds. The control mechanisms are meticulously designed for a long and trouble-free life, and the wide choice of barrel sizes, ranging from the attractively slim 36mm to the extremely rigid 70mm, means that there is a superbly engineered sidewinder blind for almost every application. Fabric is located in the groove in such a way that, although it cannot be pulled out, it may be slid out sideways for easy repair or replacement of blind cover.

Options:

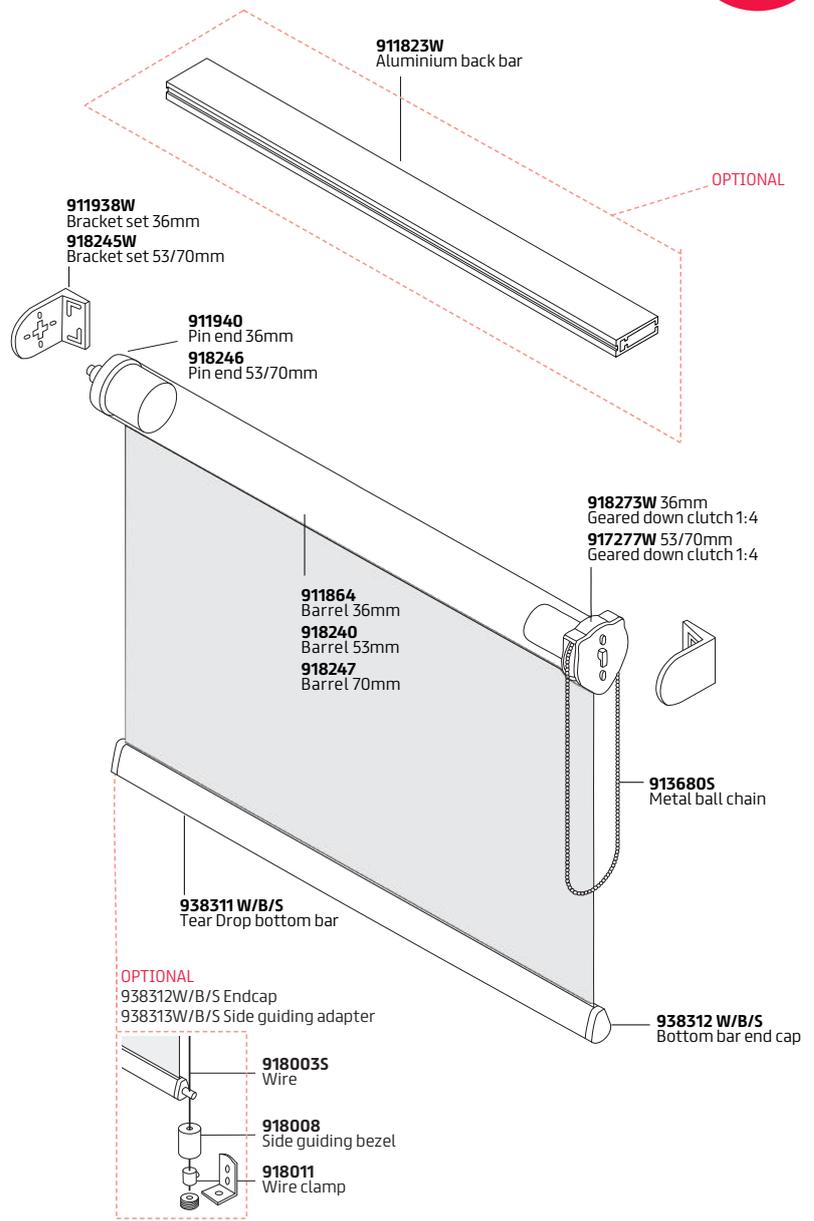
Alternative bottom bars, in plastic or aluminium, including fabric covered; Tear Drop aluminium bottom bar in black or silver; Wire side-guiding system; White aluminium back bar; Fascia.

Specification:

The R40 premium sidewinder roller blind with superior quality 1:4 geared sidewinder mechanism for heavy duty operation as manufactured by Smartshade. Flame retardant fabric from the Smartshade range, locked into grooved 36/53/70mm aluminium barrel along with white Tear Drop aluminium bottom bar as standard. Supported by sturdy, attractive brackets and incorporating metal control chain.

Please refer to NBS Plus N10 240.

BIM model available



C20 Sidewinder

Cassette Blinds



Standard Bottom Bar Featured

C20 Sidewinder

Features:

All of the C20 sidewinder cassetted blinds come with an enclosed aluminium head-box as standard. Cassette is designed for top or face fixing and accommodates 32, 45, 53 or 70mm grooved aluminium barrels, depending on blind size and fabric weight. Fabric is locked into groove in barrel, and features aluminium bottom bar with pile seal. A robust Slipstream® sidewinder mechanism provides the effective means of operation with the use of metal control chain, held in place by a chain tidy. Black or white hardware as standard.

Benefits:

The excellent performance of a YewdaleDefiant® cassetted blind is further enhanced as an aesthetically pleasing solution. The quality sidewinder mechanisms are simple to operate and allow accurate control of blind position.

Options:

Black or white hardware; With side channels, C40-60/90/120. Wire side-guiding system; Available in any RAL colour.

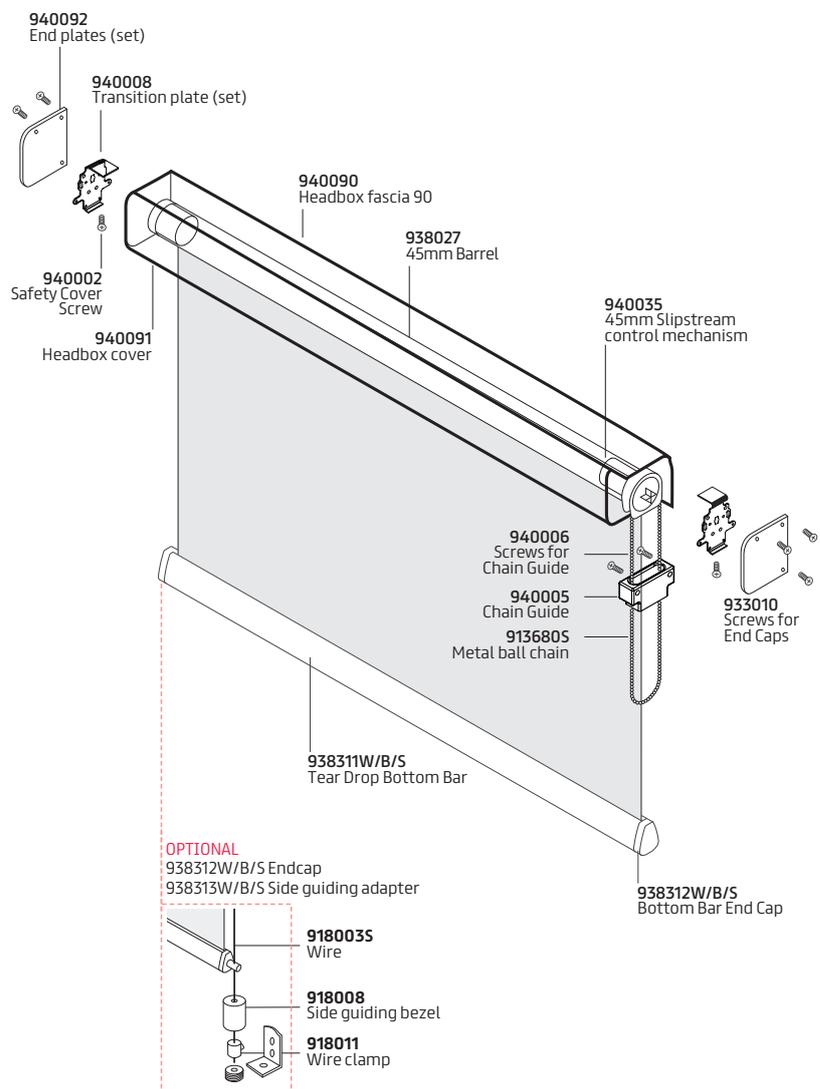
Specification:

C20-60/90/120 cassetted blind as manufactured by Smartshade, +44 (0)1268 570900. Flame retardant fabric from the smartshade range, locked into grooved 32/45/53/70mm aluminium barrel along with aluminium bottom bar as standard. Black/white aluminium cassette and bottom bar and incorporating metal control chain.

Please refer to NBS Plus N10 240.

Cassette Blind Profile Dimension Guide

Model	Cassette Size (HxD)	Barrel Size Ø	Side Channel Size (WxD)
C20-60	77 x 73mm	32mm	n/a
C20-90	105 x 95mm	45mm	n/a
C20-120	140 x 120mm	53 / 70mm	n/a



System C20-90 shown.

C22 Braked Spring

Cassette Blinds



Standard Bottom Bar Featured

C22 Braked Spring

Features:

The C22 cassetted braked spring roller blind with premium quality spring and decelerator ensures smooth and quiet operation. Direct fix for top and face applications. Fabric is locked into groove in 32mm aluminium barrel, and features aluminium bottom bar. Black or white hardware as standard.

Benefits:

An attractive metal-framed blind with the added appeal of slow-rise, or braked, technology. Generally used in dim-out applications with blackout fabric, or as an insect screen with mesh fabric, as it has no mid-point stopping positions. The braked spring and decelerator mechanism is enclosed within the barrel.

Options:

Black or white hardware available in any RAL colour; With side channels C42-60.

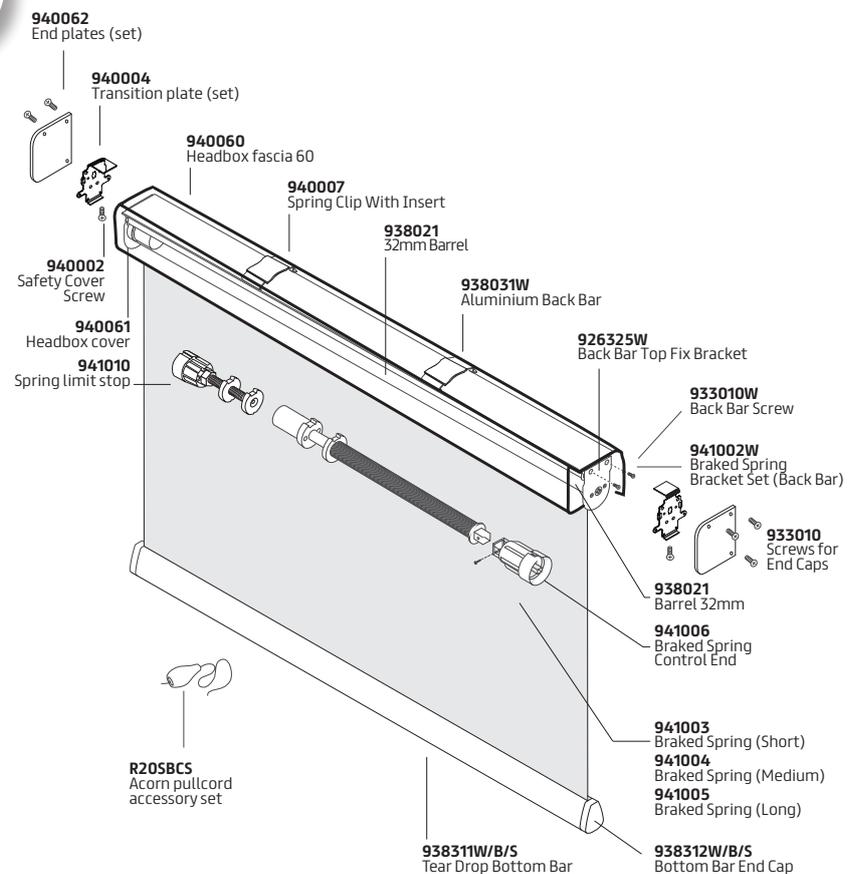
Specification:

C22-60 braked spring control cassetted blind as manufactured by Smartshade. Flame retardant fabric from the Smartshade range, locked into grooved 32mm aluminium barrel along with aluminium bottom bar as standard. Vandal resistant braked spring and spring end housed within black/white aluminium cassette.

Please refer to NBS Plus N10 240.

Cassette Blind Profile Dimension Guide

Model	Cassette Size (HxD)	Barrel Size Ø	Side Channel Size (WxD)
C22-60	77x73mm	32mm	n/a





Standard Bottom Bar Featured

Cassette Blind Profile Dimension Guide

Model	Cassette Size (HxD)	Barrel Size Ø	Side Channel Size (WxD)
C24-90	105 x 95mm	45mm	n/a
C24-120	140 x 120mm	53 / 70mm	n/a

System C24-90 shown.

C24 Crank

Features:

The C24 crank control cassette blind features a compact, robust 1:3½ gear mechanism operated by a detachable crank handle. Cassette is designed for top or face fixing and accommodates 45, 53 or 70mm grooved aluminium barrels, depending on blind size and fabric weight. Fabric is locked into groove in barrel and an aluminium bottom bar. Black or white hardware as standard.

Benefits:

Durability and simplicity make the C24 a good choice for a vast range of applications. With its powerful gear controls it will perform dependably in all kinds of contract applications. The geared crank handle and mechanism ensures smooth blind control and is safer for areas where cords are a threat. Fabric locked into the barrel and bottom bar and supported by sturdy supports.

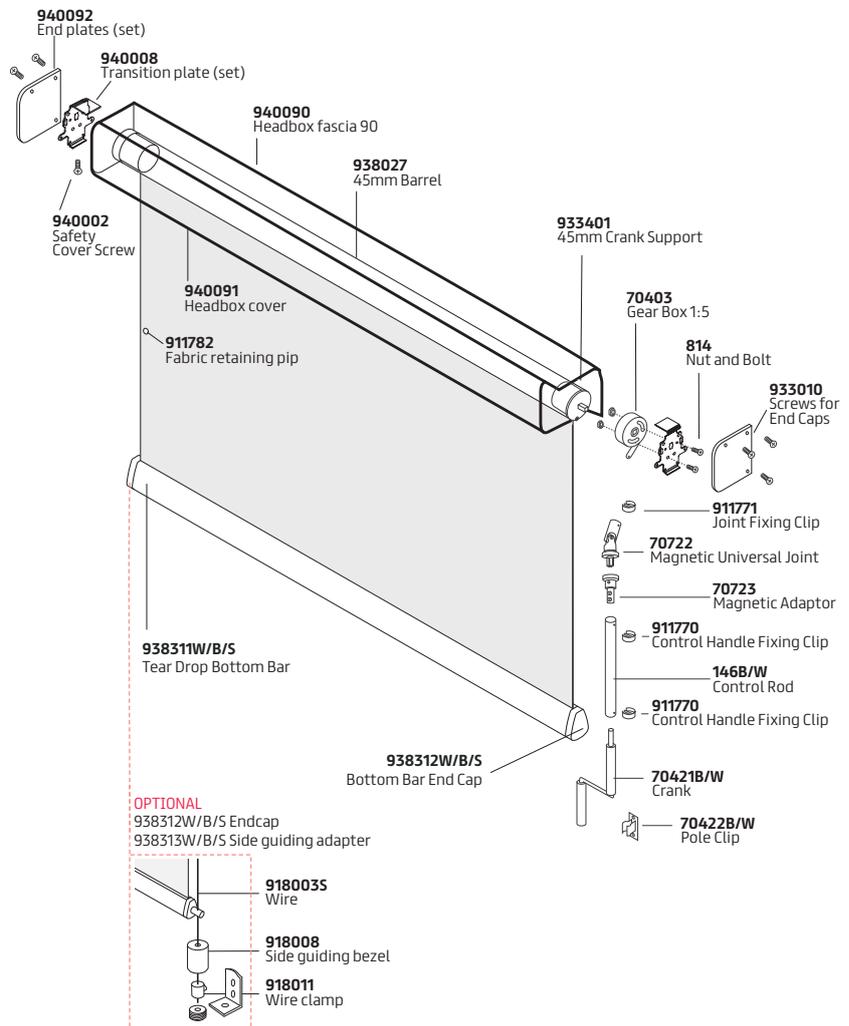
Options:

Black or white hardware; Fixed crank handle; With side channels C44-90/120. Wire side-guiding system; Available in any RAL colour.

Specification:

C24-90/120 crank control cassette blind as manufactured by Smartshade. Flame retardant fabric from the Smartshade range, locked into grooved 45/53/70mm aluminium barrel along with aluminium bottom bar as standard. Robust vandal resistant 1:3½ crank mechanism and pin end housed within black/white aluminium cassette, supported by sturdy brackets.

Please refer to NBS Plus N10 240.



C25 Electric 24v

Cassette Blinds



Standard Bottom Bar Featured

C25 Electric 24v

Features:

The C25 electric cassetted blind features a low voltage 24v DC motor as standard. Cassette is designed for top or face fixing and accommodates 40mm grooved aluminium barrel, housing the 24v DC motor. The motor is controlled by a switch which may be surface or flush mounted (not supplied as standard). Fabric is locked into groove in barrel and an aluminium bottom bar. Black or white hardware as standard.

Benefits:

Fingertip control and a slim yet sturdy aluminium frame help this blind to lend an air of luxury to any environment and makes the C25 a perfect choice for motorised requirements. It's quiet and reliable motor is housed within the barrel and supported by sturdy, metal brackets.

Options:

Black or white hardware; Remote and/or group control systems in place of single switch; With side channels C45-60/90. Wire side-guiding system; Available in any RAL colour.

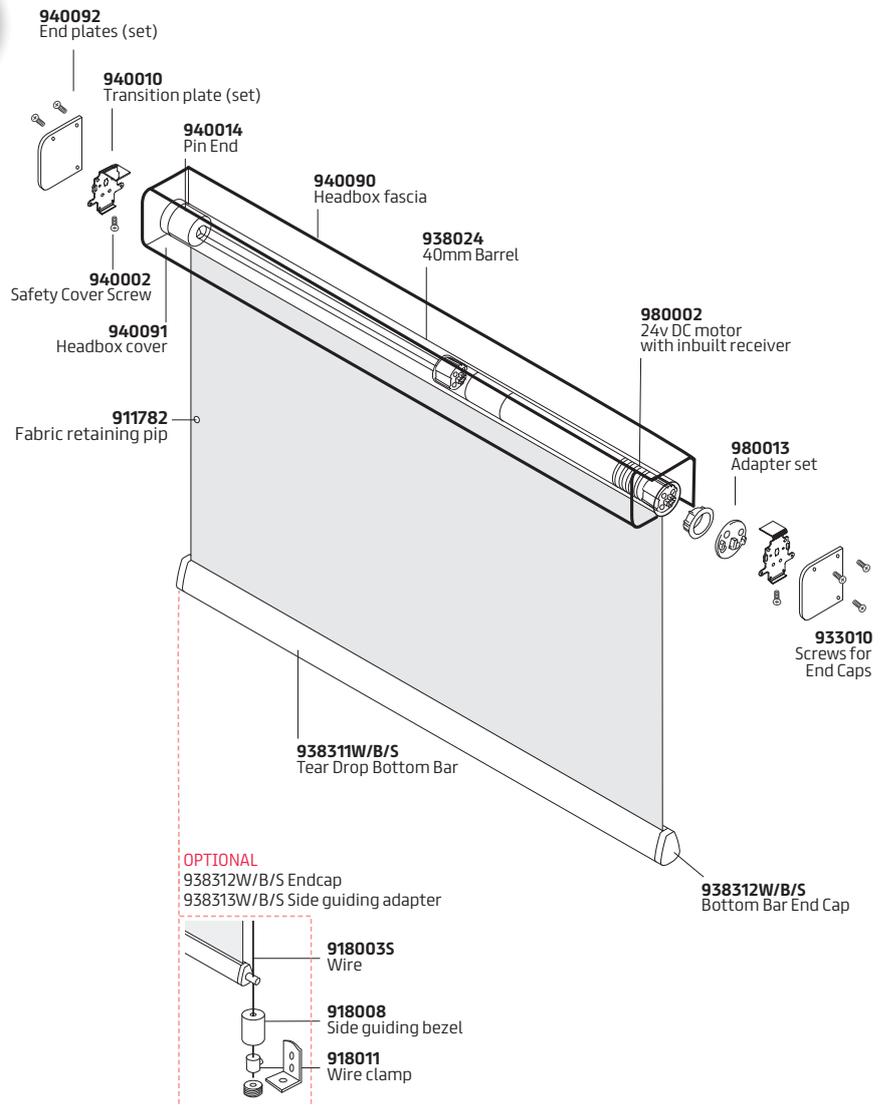
Specification:

C25-60/90 low voltage electric cassetted blind as manufactured by Smartshade. Flame retardant fabric from the Smartshade range, locked into grooved 40mm aluminium barrel along with aluminium bottom bar as standard. Low voltage 24v DC motor is housed within black/white aluminium cassette.

Please refer to NBS Plus N10 240.

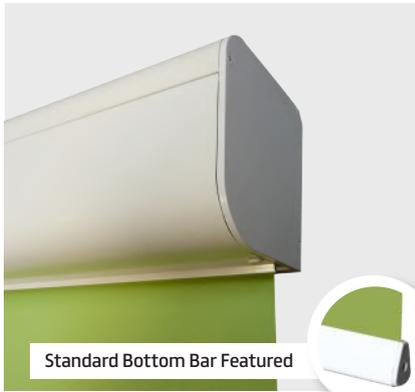
Cassette Blind Profile Dimension Guide

Model	Cassette Size (HxD)	Barrel Size Ø	Side Channel Size (WxD)
C25-60	77 x 73mm	40mm	n/a
C25-90	105 x 95mm	40mm	n/a



C27 Electric 230v

Cassette Blinds



Standard Bottom Bar Featured

C27 Electric 230v

Features:

The C27 electric cassetted blind features a 230v AC motor as standard. Cassette is designed for top or face fixing and accommodates 40mm grooved aluminium barrel, housing the motor. The motor is controlled by a switch which may be surface or flush mounted (not supplied as standard). Fabric is locked into groove in barrel and an aluminium bottom bar.

Benefits:

The C27 offers a premium electric operated cassetted blind for situations where durability and functionality are required. Its quiet and reliable motor is housed within the barrel and further protected by the robust aluminium head-box housing. The fabric is locked into the barrel and bottom bar and will give years of trouble-free use. It is located in the groove so that it may be slid out sideways for easy repair or replacement of blind cover.

Options:

Black or white hardware; Remote and/or group control systems in place of single switch; With side channels C47-90/120; Wire side-guiding system; Available in any RAL colour.

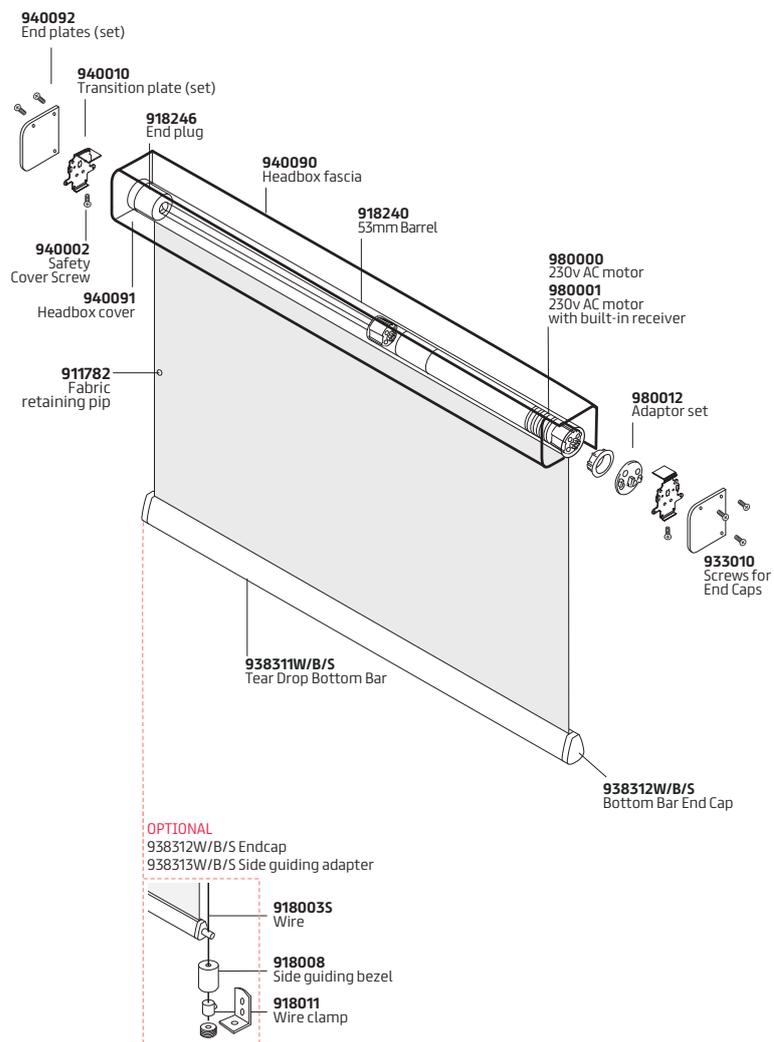
Specification:

C27-90/120 electric cassetted blind as manufactured by Smartshade. Flame retardant fabric from the Smartshade range, locked into grooved 53/70mm aluminium barrel along with aluminium bottom bar as standard. 230v AC motor is housed within black/white aluminium cassette.

Please refer to NBS Plus N10 240.

Cassette Blind Profile Dimension Guide

Model	Cassette Size (HxD)	Barrel Size Ø	Side Channel Size (WxD)
C27-90	105 x 95mm	53mm	n/a
C27-120	140 x 120mm	53 / 70mm	n/a





C40 Sidewinder

Features:

All of the C40 sidewinder cassetted blinds come with an enclosed aluminium head-box and side channels as standard. Cassette is designed for top or face fixing and accommodates 32, 45, 53 or 70mm grooved aluminium barrels, depending on blind size and fabric weight. Fabric is locked into groove in barrel, and features aluminium bottom bar with pile seal. A robust Slipstream® sidewinder mechanism provides the effective means of operation with the use of metal control chain, held in place by a chain tidy. Studs fitted at edge of fabric to retain it within side channels. Black or white hardware as standard.

Benefits:

The excellent performance of a YewdaleDefiant® cassetted blind is further enhanced by the addition of side channels, giving positive and consistent location of the fabric and bottom bar, and provides light exclusion if blackout fabric is used. The entire range is offered as an aesthetically pleasing solution, protecting the fabric in the process. The quality sidewinder mechanisms are simple to operate and allow accurate control of blind position.

Options:

Black or white hardware; Without side channels, C20-60/90/120; Tracker fabric retaining system; Available in any RAL colour.

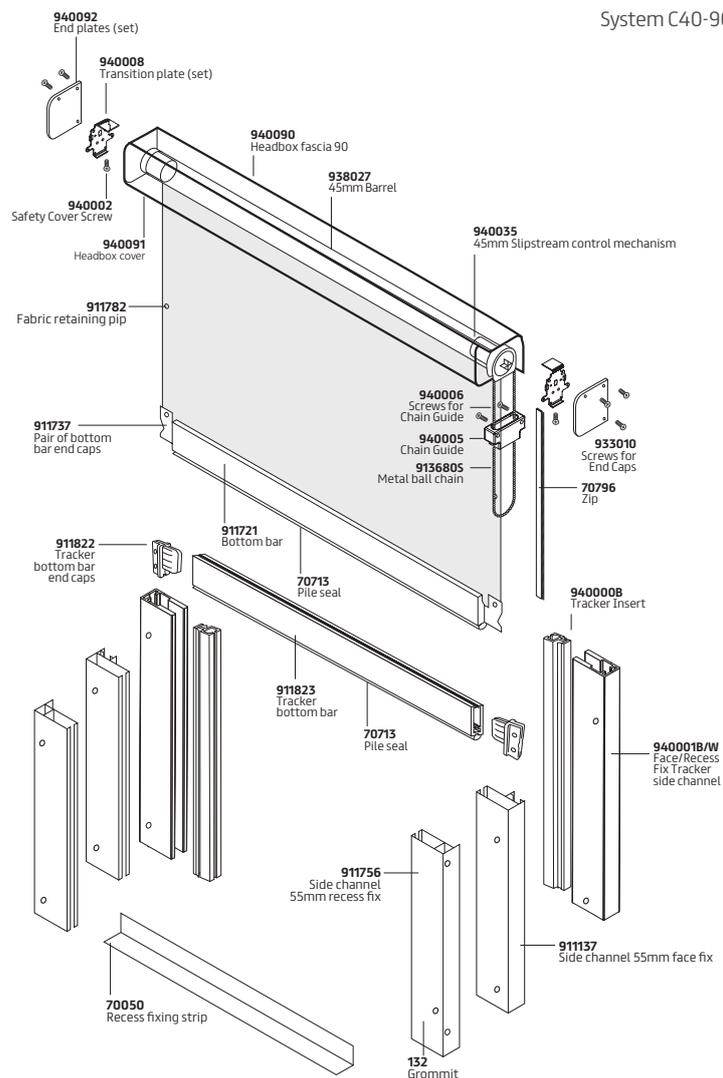
Specification:

C40-60/90/120 cassetted blind with side channels as manufactured by Smartshade. Flame retardant fabric from the Smartshade range, locked into grooved 32/45/53/70mm aluminium barrel along with aluminium bottom bar as standard. Black/white aluminium cassette, side channels and bottom bar and incorporating metal control chain.

Please refer to NBS Plus N10 240.

Cassette Blind Profile Dimension Guide

Model	Cassette Size (HxD)	Barrel Size Ø	Side Channel Size (WxD)
C40-60	77 x 73mm	32mm	55 x 13mm
C40-90	105 x 95mm	45mm	55 x 13mm
C40-120	140 x 120mm	53 / 70mm	55 x 13mm



System C40-90 shown.

C42 Braked Spring

Cassette Blinds



C42 Braked Spring

Features:

The C42 cassetted braked spring roller blind with premium quality spring and decelerator ensures smooth and quiet operation. Direct fix for top and face applications. Fabric is locked into groove in 32mm aluminium barrel, and features aluminium bottom bar with handle. Click stops to hold blind at closed position. Studs fitted at edge of fabric to retain it within side channels. Black or white hardware as standard.

Benefits:

An attractive metal-framed blind with the added appeal of slow-rise, or braked, technology. Generally used in dim-out applications with blackout fabric, or as an insect screen with mesh fabric, as it has no mid-point stopping positions. The braked spring and decelerator mechanism is enclosed within the barrel.

Options:

Black or white hardware available in any RAL colour.

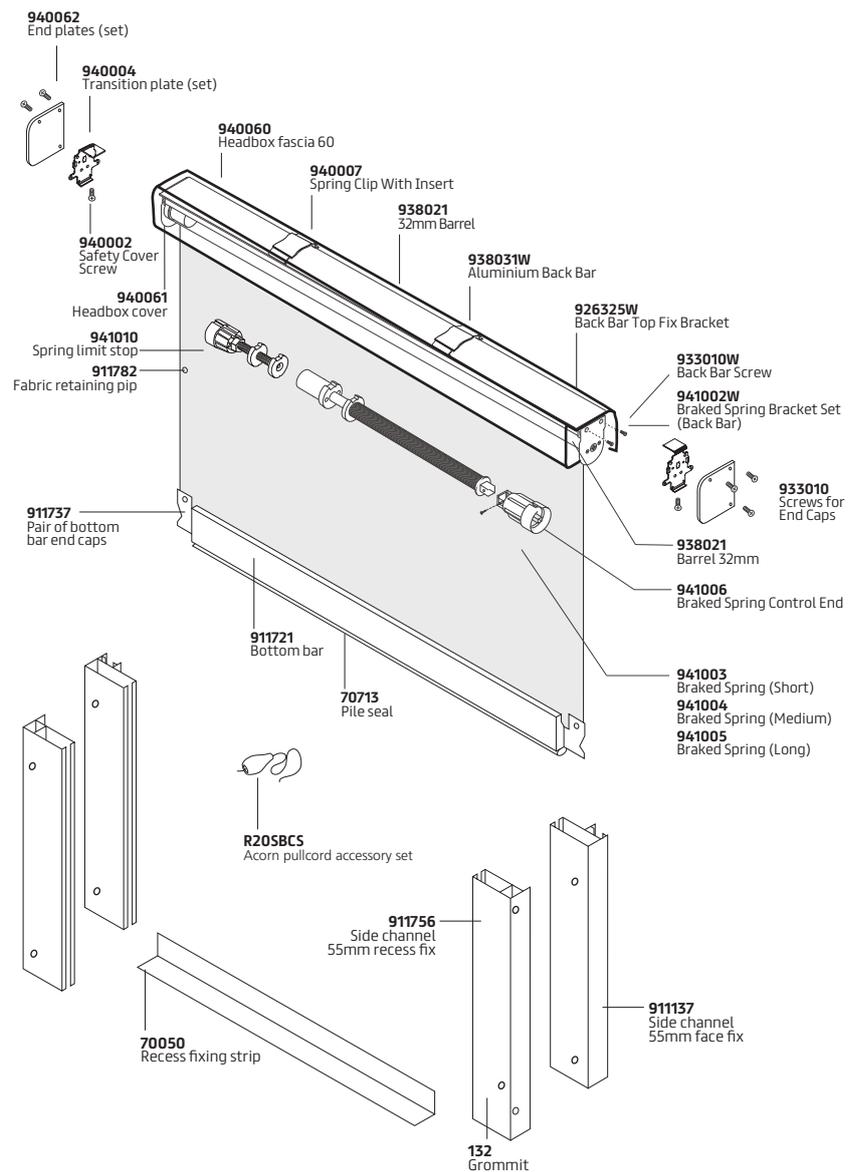
Specification:

C42-60 braked spring control cassetted blind with side channels as manufactured by Smartshade. Flame retardant fabric from the Smartshade range, locked into grooved 32mm aluminium barrel along with aluminium bottom bar as standard. Vandal resistant braked spring and spring end housed within black/white aluminium cassette with side channels and bottom bar.

Please refer to NBS Plus N10 240.

Cassette Blind Profile Dimension Guide

Model	Cassette Size (HxD)	Barrel Size Ø	Side Channel Size (WxD)
C42-60	77 x 73mm	32mm	55 x 13mm





Cassette Blind Profile Dimension Guide

Model	Cassette Size (HxD)	Barrel Size Ø	Side Channel Size (WxD)
C44-90	105 x 95mm	45mm	55 x 13mm
C44-120	140 x 120mm	53 / 70mm	55 x 13mm

C44 Crank

Features:

The C44 crank control cassette blind features a compact, robust 1:3½ gear mechanism operated by a detachable crank handle. Cassette is designed for top or face fixing and accommodates 45, 53 or 70mm grooved aluminium barrels, depending on blind size and fabric weight. Fabric is locked into groove in barrel with studs fitted at edge of fabric to retain it within side channels. Aluminium bottom bar. Black or white hardware as standard.

Benefits:

Durability and simplicity make the C44 a good choice for a vast range of applications. With its aluminium side channels and powerful gear controls it will perform dependably in all kinds of contract applications. The geared crank handle and mechanism ensures smooth blind control and is safer for areas where cords are a threat. Fabric locked into the barrel and bottom bar and supported by sturdy supports.

Options:

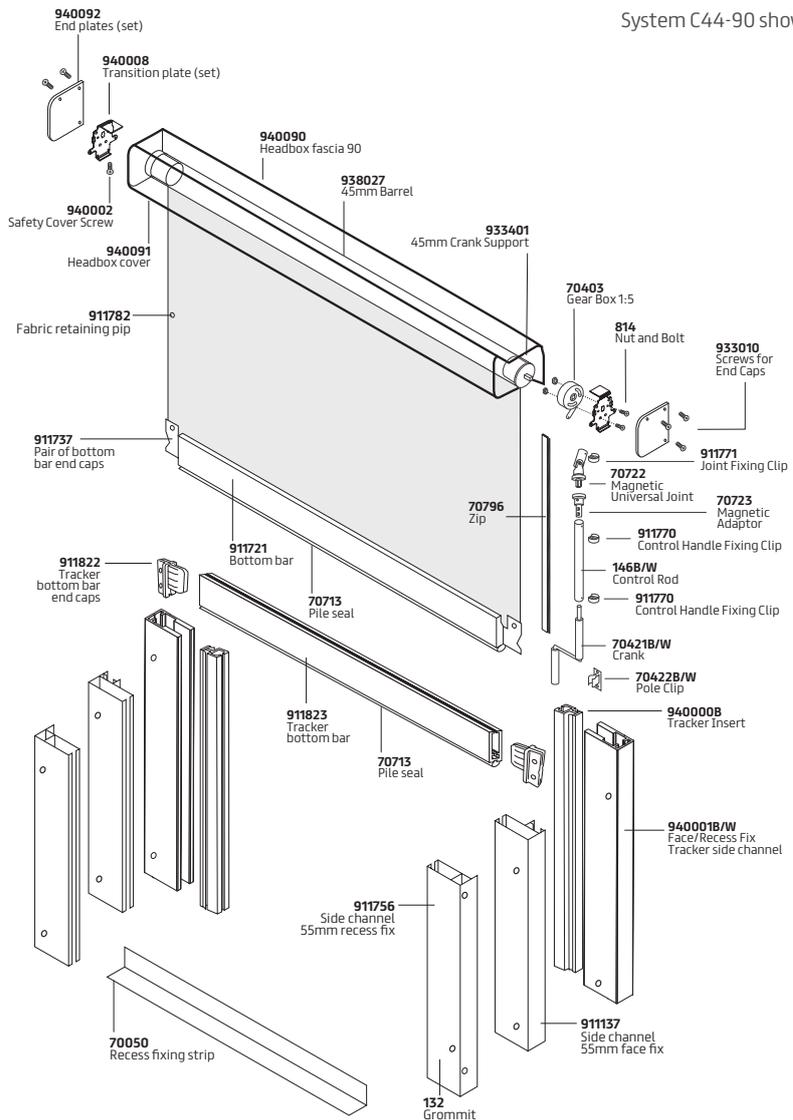
Black or white hardware; Fixed crank handle; Tracker fabric retaining system; Available in any RAL colour.

Specification:

The C44-90/120 crank control cassette blind with side channels as manufactured by Smartshade. Flame retardant fabric from the Smartshade range, locked into grooved 45/53/70mm aluminium barrel along with aluminium bottom bar as standard. Robust vandal resistant 1:3½ crank mechanism and pin end housed within black/white aluminium cassette with side channels and bottom bar.

Please refer to NBS Plus N10 240.

System C44-90 shown.





C45 Electric 24v

Features:

The C45 electric cassetted blind with side channels features a low voltage 24v DC motor as standard. Cassette is designed for top or face fixing and accommodates 40mm grooved aluminium barrel, housing the 24v DC motor. The motor is controlled by a switch which may be surface or flush mounted (not supplied as standard). Fabric is locked into groove in barrel with studs fitted at edge of fabric to retain it within side channels. Aluminium bottom bar. Black or white hardware as standard.

Benefits:

Fingertip control and a slim yet sturdy aluminium frame help this blind to lend an air of luxury to any environment and makes the C45 a perfect choice for motorised requirements. It's quiet and reliable motor is housed within the barrel and supported by sturdy, metal brackets.

Options:

Black or white hardware; Remote and/or group control systems in place of single switch; Tracker fabric retaining system; Available in any RAL colour.

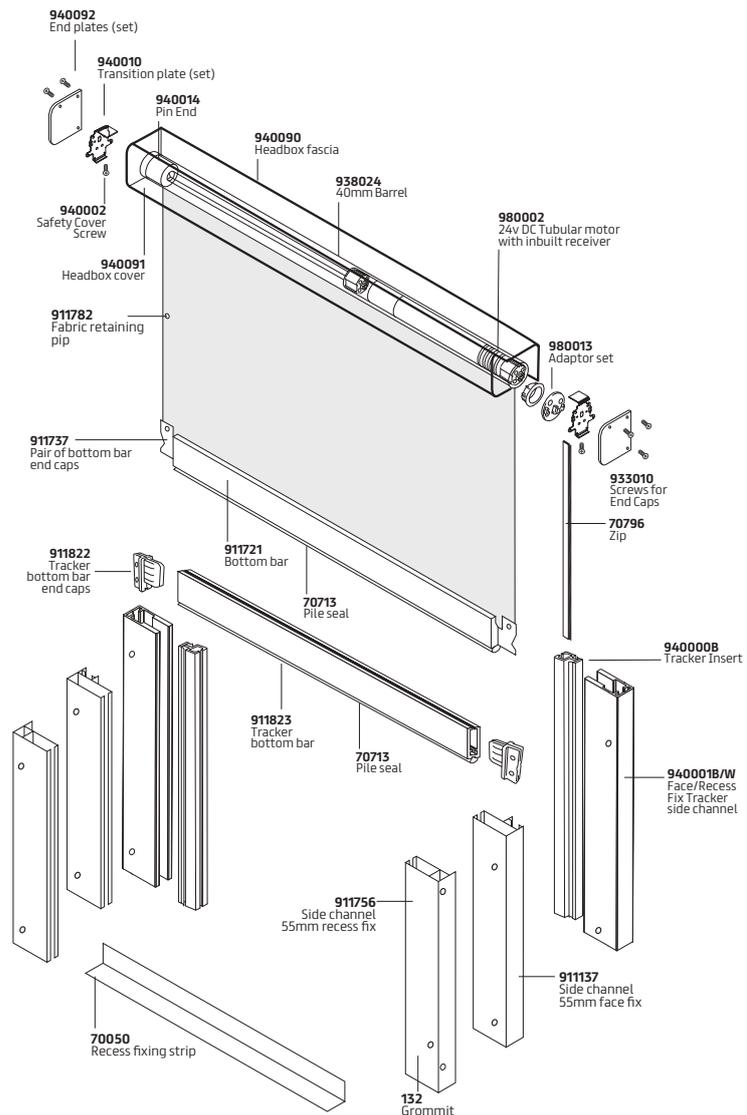
Specification:

The C45-60/90 low voltage electric cassetted blind with side channels as manufactured by Smartshade. Flame retardant fabric from the Smartshade range, locked into grooved 40mm aluminium barrel along with aluminium bottom bar as standard. Low voltage 24v DC motor is housed within black/white aluminium cassette with side channels and bottom bar.

Please refer to NBS Plus N10 240.

Cassette Blind Profile Dimension Guide

Model	Cassette Size (HxD)	Barrel Size Ø	Side Channel Size (WxD)
C45-60	77 x 73mm	40mm	55 x 13mm
C45-90	105 x 95mm	40mm	55 x 13mm





Cassette Blind Profile Dimension Guide

Model	Cassette Size (HxD)	Barrel Size Ø	Side Channel Size (WxD)
C47-90	105 x 95mm	53mm	55 x 13mm
C47-120	140 x 120mm	53 / 70mm	55 x 13mm

C47 Electric 230v

Features:

The C47 electric cassetted blind with side channels features a motor as standard. Cassette is designed for top or face fixing and accommodates 40mm grooved aluminium barrel, housing the 230v AC motor. The motor is controlled by a switch which may be surface or flush mounted (not supplied as standard). Fabric is locked into groove in barrel with studs fitted at edge of fabric to retain it within side channels. Aluminium bottom bar. Black or white hardware as standard.

Benefits:

The C47 offers a premium electric operated cassetted blind for situations where durability and functionality are required. Its quiet and reliable motor is housed within the barrel and further protected by the robust aluminium head-box housing. The fabric is locked into the barrel and bottom bar and will give years of trouble-free use. It is located in the groove so that it may be slid out sideways for easy repair or replacement of blind cover.

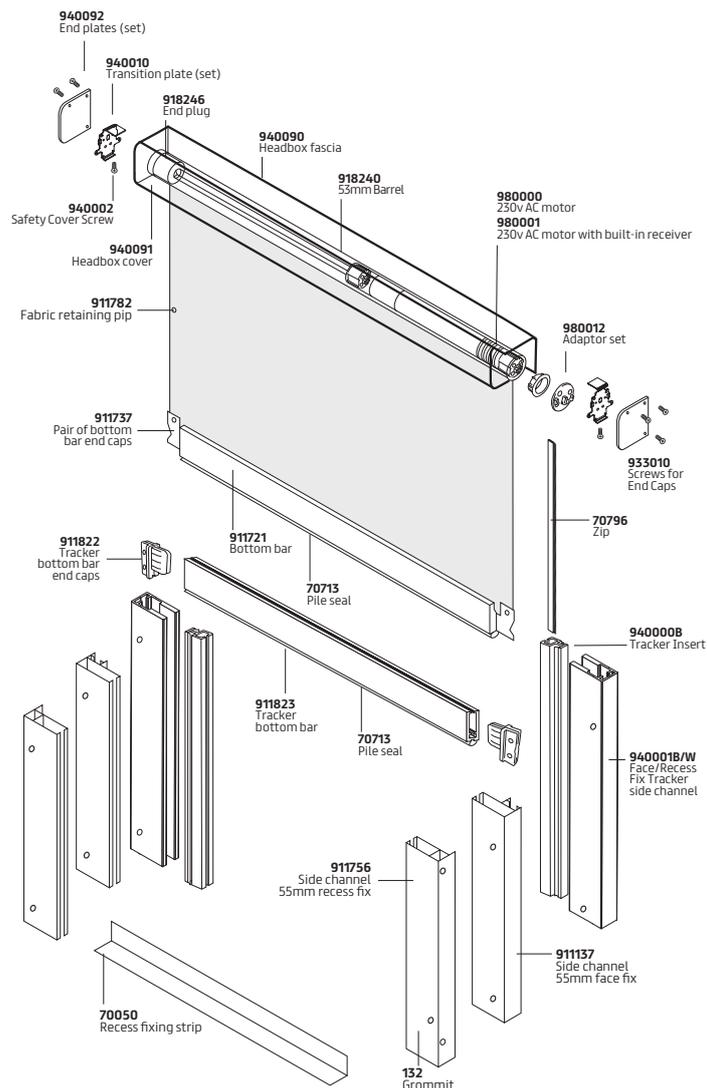
Options:

Black or white hardware; Remote and/or group control systems in place of single switch; Tracker fabric retaining system; Available in any RAL colour.

Specification:

The C47-90/120 electric cassetted blind with side channels as manufactured by Smartshade. Flame retardant fabric from the Smartshade range, locked into grooved 53/70mm aluminium barrel along with aluminium bottom bar as standard. 230v AC motor is housed within black/white aluminium cassette with side channels and bottom bar.

Please refer to NBS Plus N10 240.



C57T Overhead Electric

Cassette Blinds



Cassette Blind Profile Dimension Guide

Model	Cassette Size (HxD)	Barrel Size Ø	Side Channel Size (WxD)
C57-90T	105 x 95mm	53mm	50 x 24.8mm
C57-120T	140 x 120mm	53 / 70mm	50 x 24.8mm

C57T Overhead Electric

Features:

The C57T overhead cassetted blind has a remote control to operate it, making the possibilities for installation enormous. At the touch of a button your 230v AC Tubular Motor with radio receiver will operate the blind. This blind is quietly drawn across the window by tensioned spring units on the bottom bar, with the fabric held in place and prevented from dropping by the side channels. The powder-coated aluminium headbox provides a discreet and stylish solution of overhead shading. The C57T can be made to a maximum size of 3m X 3m.

Benefits:

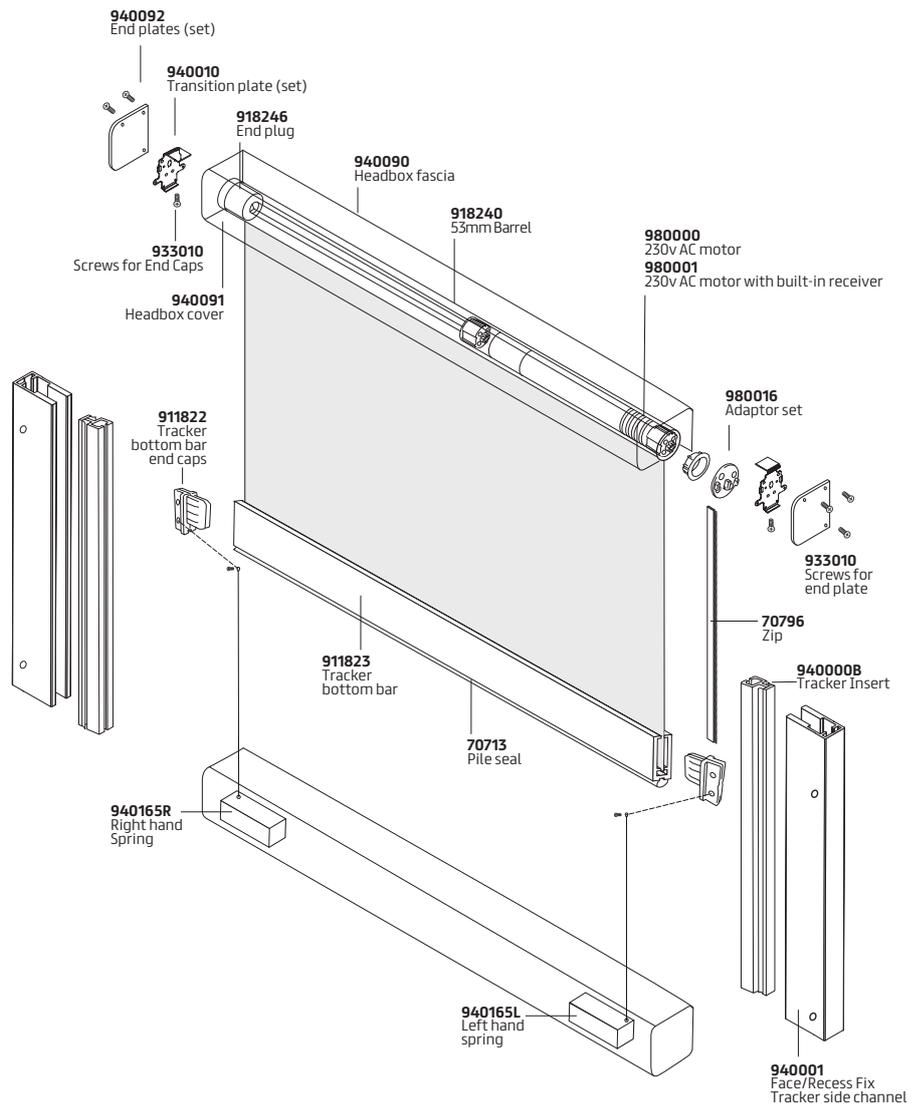
The C57T provides absolute control over the blind at the touch of a button due to the single channel hand held transmitter, making this blind easy to operate in otherwise difficult areas. The discreet and slim powder-coated aluminium headbox allows the blind to blend in with the interior design of the room whilst providing the shading solution required. This blind is bracket less which eliminates room for light-seepage and is simpler to install in comparison to other overhead blinds.

Options:

Black or white hardware, hard-wired or RTS motor. It is recommended that only the following fabrics are used in conjunction with this product: Roach, Roe.

Specification:

The C57-90/120T electric overhead cassetted blind with Tracker Fabric Retaining System as manufactured by Smartshade. Flame retardant fabric from the Smartshade range, on a grooved 53/70mm aluminium barrel along with aluminium bottom bar as standard. The barrel, driven by a 230v AC motor, operates the blind by means of tensioned spring units connected to the bottom bar. Twin black/white powder-coated aluminium headbox cassettes, side and bottom channels and bottom bar.





Insect Screen Specification Guide

Model	Min Width	Max Width	Min Drop	Max Drop	Max M ²
F30	800	1600	400	2500	3.5

F30 Sidewinder

Features:

The F30 retractable insect screen utilises a simple bead-chain sidewinder control as standard. White metal universal brackets for secure top fixing with powder-coated extruded aluminium cassette and side guide channels. Rot-proof PVC coated fiber glass mesh is locked into the barrel and bottom bar profile.

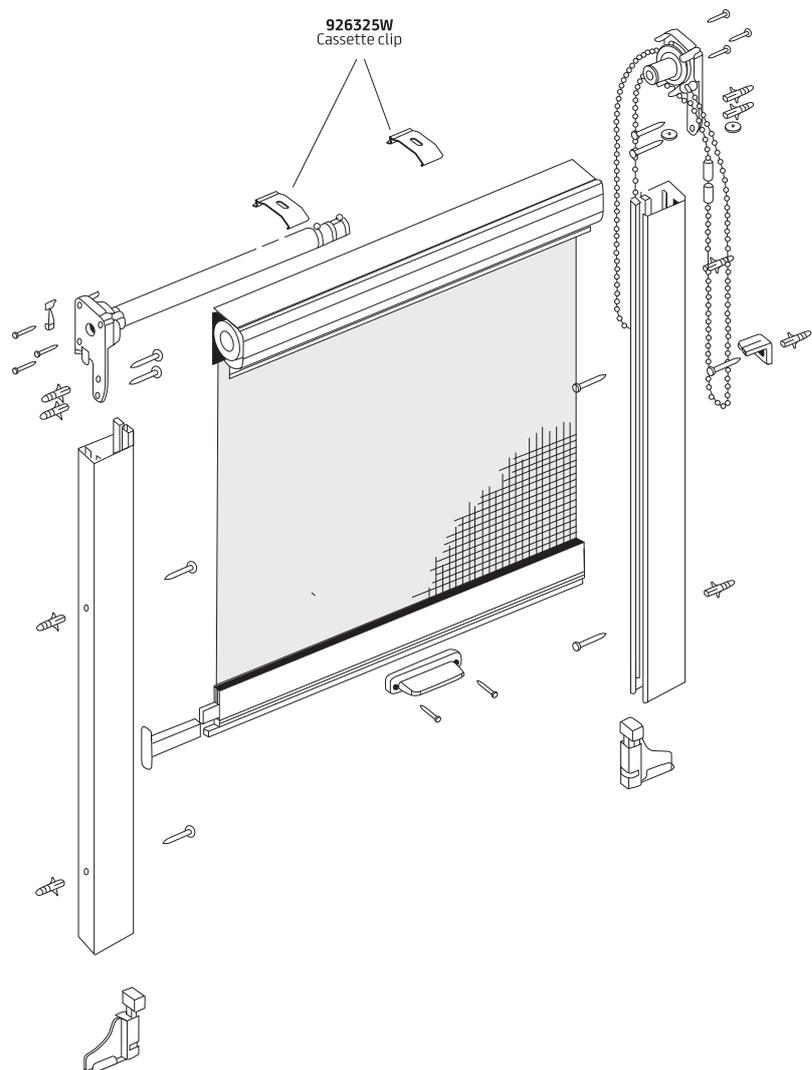
Benefits:

The discreet yet attractive profile of the F30 roll-up system provides a perfect solution for almost all types of window or door openings. A strong focus on a trouble-free quality mechanism with high-grade nylon fittings ensures consistency of operation.

Specification:

The F30 retractable insect screen with sidewinder operation as manufactured by Smartshade. Roll-up flame retardant, rot-proof PVC coated fiber glass mesh within white powder-coated aluminium cassette, guide channels and bottom bar. Supported by sturdy metal brackets and incorporating plastic control chain.

Please refer to NBS Plus N10 240.



F32 Spring

Insect Screens



Insect Screen Specification Guide

Model	Min Width	Max Width	Min Drop	Max Drop	Max M ²
F32	600	1800	400	2500	3.5

F32 Spring

Features:

The F32 retractable insect screen with advanced slow-rise spring control ensures smooth and quiet operation. White metal universal brackets for secure top fixing with powder-coated extruded aluminium cassette and side guide channels. Rot-proof PVC coated fiber glass mesh is locked into the barrel and bottom bar profile.

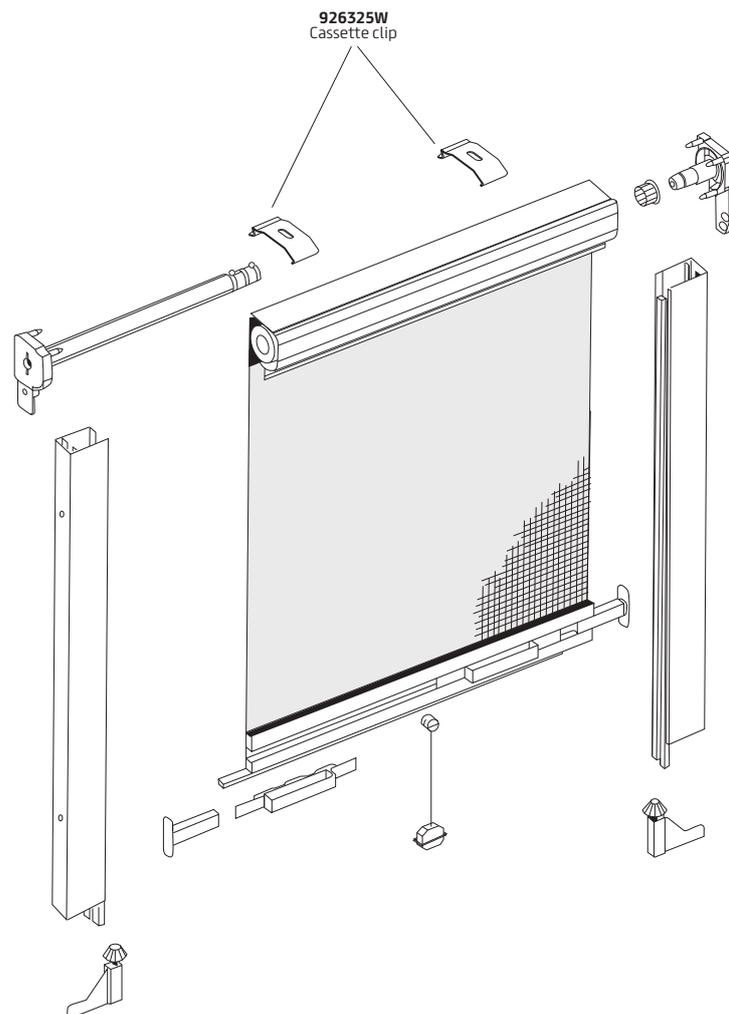
Benefits:

The discreet yet attractive profile of the F32 roll-up system will complement the décor of many interiors. Coupled with the ease of the advanced spring operation, this system is perfectly suited to a wide range of both commercial and domestic applications. A strong focus on a trouble-free quality mechanism with high-grade nylon fittings ensures consistency of performance.

Specification:

The F32 retractable insect screen with advanced slow-rise spring operation as manufactured by Smartshade. Vandal resistant spring and decelerator mechanism is housed within white powder-coated aluminium cassette. Roll-up flame retardant, rot-proof PVC coated fiber glass mesh held securely inside guide channels and bottom bar. Supported by sturdy metal brackets.

Please refer to NBS Plus N10 240.



F40/F40D Single/Double Door

Insect Screens



Insect Screen Specification Guide

Model	Min Width	Max Width	Min Drop	Max Drop	Max M ²
F40	400	1200	1000	2500	3.0
F40D	800	2500	1000	2500	6.0

F40 Single Door F40D Double Door

Features:

The F40 horizontally retractable insect screen with advanced slow-rise spring control ensures smooth and quiet operation. Available as single door unit (F40) or double door unit (F40D) as applicable. White metal universal brackets for secure top fixing with powder-coated extruded aluminium cassette and side guide channels. Rot-proof PVC coated fiber glass mesh is locked into the barrel and bottom bar profile.

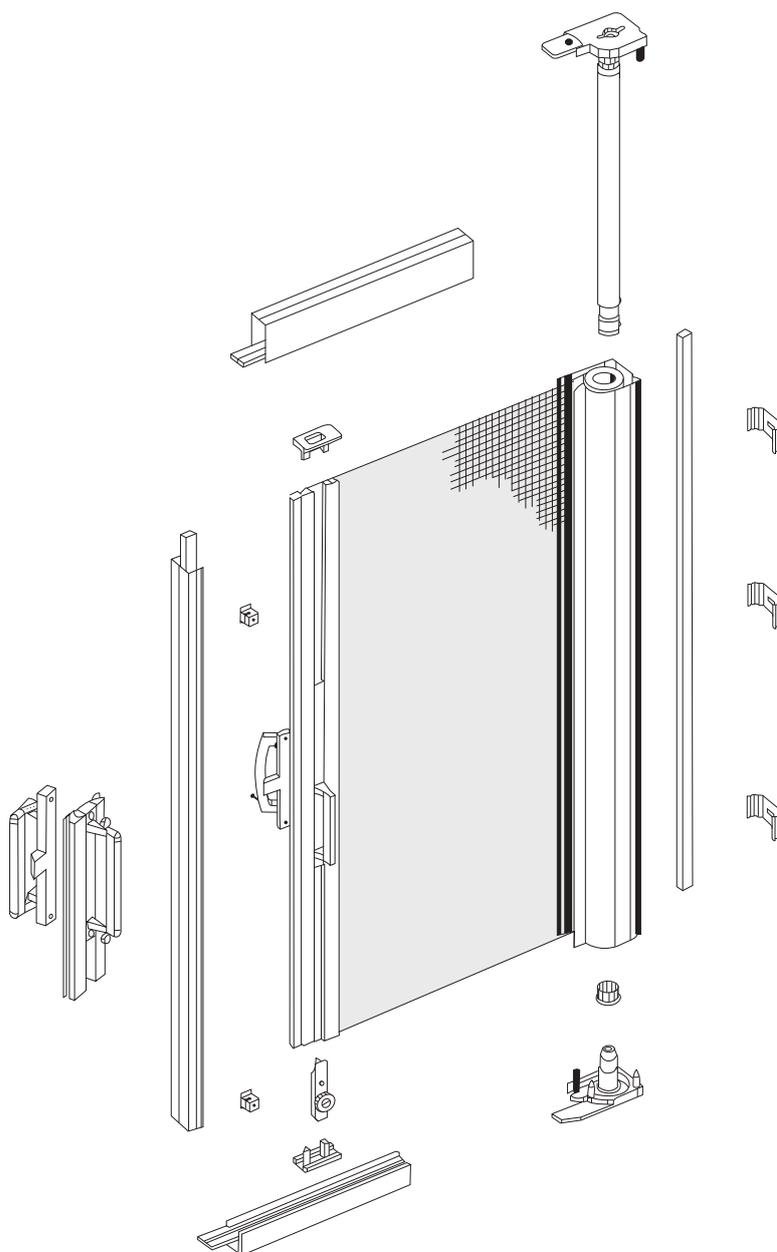
Benefits:

The slim, unobtrusive profile of the F40 roll-up system provides a suitable solution for doorways and large window openings in areas where food preparation is carried out. The 43mm cassette units will complement the décor of many interiors and the advanced spring operation ensures a reliable, consistency of use.

Specification:

The F40/F40D horizontally retractable single/double insect screen unit with advanced slow-rise spring operation as manufactured by Smartshade. Vandal resistant spring and decelerator mechanism is housed within white powder-coated aluminium cassette. Roll-up flame retardant, rot-proof PVC coated fiber glass mesh held securely inside guide channels and bottom bar. Supported by study metal brackets.

Please refer to NBS Plus N10 240.



230v AC Tubular motor

Motors



230v AC Tubular motor

Features:

A highly engineered 230v AC tubular motor that is suitable for almost any kind of application due to its speed and quiet running functionality. Suitable to be used as a blind in its own right, or used within a home automation system.

Benefits:

The 230v AC Tubular motor operates at very low noise levels – below 45dB – making it well suited to domestic environments. If operated for longer than four minutes, this motor will cease to operate until it cools down, adding a degree of preservation to the product that will see its life time extended – there is a significantly reduced chance of overheating.

Specification:

The 230v AC Tubular motor as manufactured by Smartshade.

Please refer to NBS Plus N10 240.

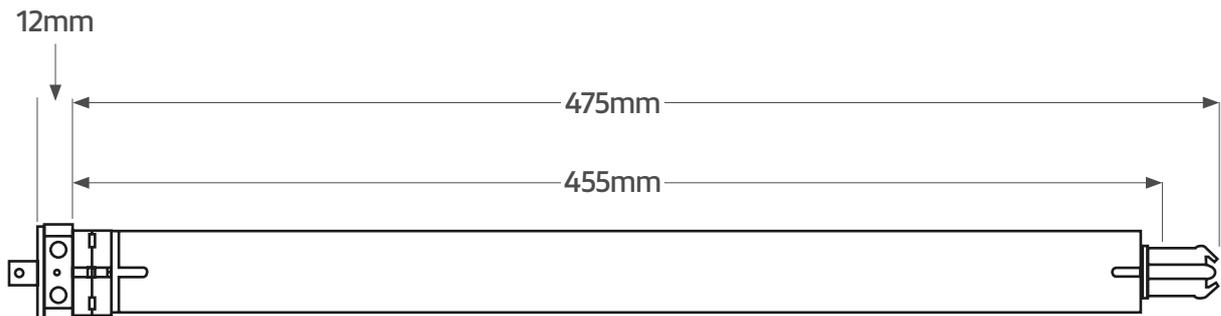
Motor Technical Specification Guide (980000)

Nominal voltage	Power tolerances	Thermal time	No wires in cable	Wire section	Insulation class
230V - 50 Hz	207-253V	4 mins	4	0.75	Class II

Type of limit Switch	LSU capacity	Repeatability	System of protection	Wheel Unclipping force	Temp working range
Electronic	40 turns	+ - 5	IP44	Approx 10Kg	-20°C to +65°C

Noise level	Nominal torque	Nominal speed	Rated power	Rated current	Weight
35dB	6N.m	28rpm	115W	0.485A	1.4Kg

Noise Power Level (dB(A) ref 1pW): Power level (measurement between 20°C to 35°C): according to standards ISO 3741 NF31022 in dB (A) ref 1pW, worst value at nominal torque in up direction)



230v AC Tubular motor w/ radio receiver

Motors



230v AC Tubular motor with radio receiver

Features:

A highly engineered tubular 230v AC radio controlled motor. Suitable for most types of application due to its ability to be controlled remotely. Whether it be a blind in its own right or as part of a home automation system, this motor is one of the most advanced models available.

Benefits:

Quietly leaping into action at the touch of a button, the 230v AC tubular motor's built in radio receiver makes operation easy. If operated for longer than four minutes, this motor will cease to operate until it cools down, adding a degree of preservation to the product that will see its life time extended – there is a significantly reduced chance of overheating. With six limit stops for this motor, the potential applications for a blind increase. Not only will this motor be prevented from continuing to unspool the blind at the end of its cycle, it also allows the user to set up to four intermediate presets for the blind throughout the day. This makes it ideal for a variety of situations, especially with it capable of being integrated into modern home automation systems.

Specification:

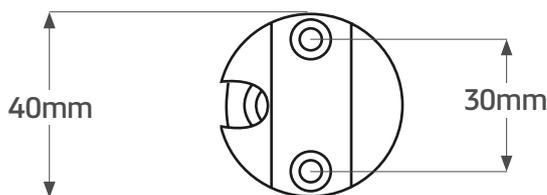
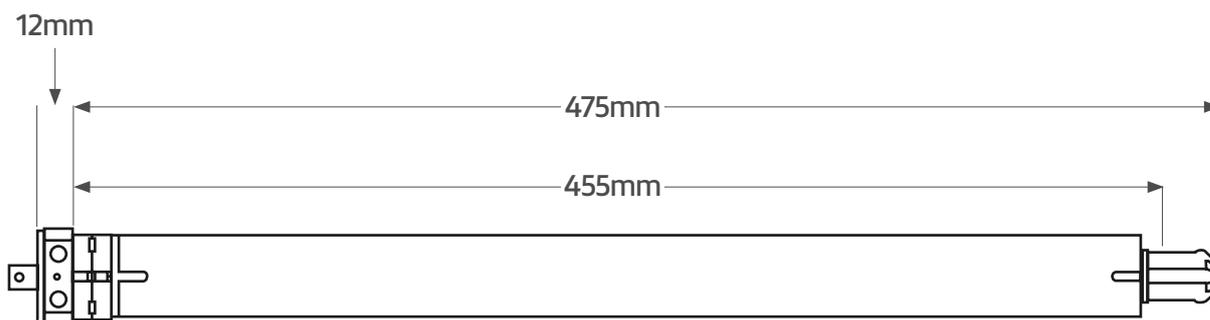
The 230v AC Tubular motor with radio receiver as manufactured by Smartshade.

Please refer to NBS Plus N10 240.

Motor Technical Specification Guide (980001)

Nominal voltage	Power tolerances	Thermal time	No wires in cable	Wire section	Insulation class
230V - 50 Hz	100-253V	4 mins	3	0.75	Class II
Type of limit Switch	LSU capacity	Repeatability	System of protection	Wheel Unclipping force	Temp working range
Progressive	32 turns	+ - 2	IP44	Approx 10Kg	-20°C to +65°C
Noise level	Nominal torque	Nominal speed	Rated power	Rated current	Weight
35dB	6N.m	28rpm	115W	0.485A	1.2Kg

Noise Power Level (dB(A) ref 1pW): Power level (measurement between 20°C to 35°C): according to standards ISO 3741 NF31022 in dB (A) ref 1pW, worst value at nominal torque in up direction)



24v DC Tubular motor

YewdaleDefiant® Motors



24v DC Tubular motor with inbuilt radio receiver, transformer and electronic limit stops

Features:

This is truly one of the most versatile tubular motors available. With highly advanced technology, this tubular motor enables a 230vAC feed to power this motor. By incorporating an inbuilt transformer within, no unsightly items are required. The inbuilt radio receiver enables the motor to be used in almost all applications, complete with a plug for instant installation.

Benefits:

At the touch of a button the 24v DC tubular motor's soft start/stop motor can begin to quietly operate the blind. With six limit stops for this motor, the potential applications for a blind increase. Not only will this motor be prevented from continuing to unspool the blind at the end of its cycle, it also allows the user to set up to four intermediate presets for the blind throughout the day. This makes it ideal for a variety of situations, especially with it capable of being integrated into modern home automation systems. If operated for longer than four minutes, this motor will cease to operate until it cools down, adding a degree of preservation to the product that will see its life time extended – there is a significantly reduced chance of overheating.

Specification:

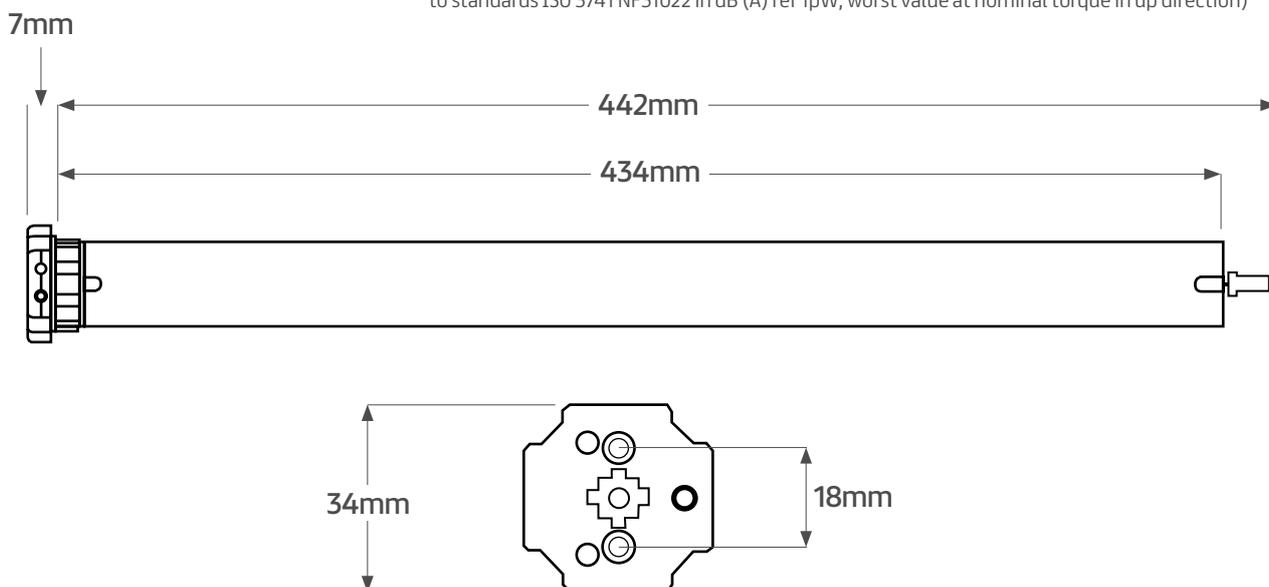
The 24v DC Tubular motor with inbuilt radio receiver, transformer and electronic limit stops as manufactured by Smartshade.

Please refer to NBS Plus N10 240.

Motor Technical Specification Guide (980002)

Nominal voltage	Power tolerances	Thermal time	No wires in cable	Wire section	Insulation class
100 - 240V	100-253V	4 mins	2	N	Class II
Type of limit Switch	LSU capacity	Repeatability	System of protection	Wheel Unclipping force	Temp working range
Electronic	200 turns	+ - 15	IP44	Approx 3Kg	-20°C to +65°C
Noise level	Nominal torque	Nominal speed	Rated power	Rated current	Weight
40dB	1.2N.m	30rpm	36W	0.560A	0.5Kg

Noise Power Level (dB(A) ref 1pW): Power level (measurement between 20°C to 35°C): according to standards ISO 3741 NF31022 in dB (A) ref 1pW, worst value at nominal torque in up direction)



7.4v DC Battery powered tubular motor

YewdaleDefiant® Motors



7.4v DC Battery powered tubular motor with inbuilt radio receiver, battery and electronic limit stop

Features:

This is truly one of the most versatile tubular motors available. With highly advanced technology, this tubular motor enables a 230v AC feed to power this motor. By incorporating an inbuilt transformer within, no unsightly items are required. The inbuilt radio receiver enables the motor to be used in almost all applications, complete with a plug for instant installation.

Benefits:

The 7.4v DC Battery powered tubular motor makes operation easy thanks to its remote control. At the touch of a button this motor quietly activates with a soft start/stop motion, making it ideal for home automation. Not only will this motor be prevented from continuing to unspool the blind at the end of its cycle, it also allows the user to set up to four intermediate presets for the blind throughout the day. If operated for longer than four minutes, this motor will cease to operate until it cools down, adding a degree of preservation to the product that will see its life time extended – there is a significantly reduced chance of overheating.

Specification:

The 7.4v DC Battery powered tubular motor with inbuilt radio receiver, battery and electronic limit stop as manufactured by Smartshade.

Please refer to NBS Plus N10 240.

Motor Technical Specification Guide (980003)

Nominal voltage	Power tolerances	Thermal time	No wires in cable	Wire section	Insulation class
7.4V	7.4 - 12V	4 mins	Cordless	N	Class II

Type of limit Switch	LSU capacity	Repeatability	System of protection	Wheel Unclipping force	Temp working range
Electronic	200 turns	+ - 2	IP44	Approx 3Kg	-20°C to +65°C

Noise level	Nominal torque	Nominal speed	Rated power	Rated current	Weight
40dB	1.0N.m	30rpm	6.7W	0.560A	0.6Kg

Noise Power Level (dB(A) ref 1pW): Power level (measurement between 20°C to 35°C): according to standards ISO 3741 NF31022 in dB (A) ref 1pW, worst value at nominal torque in up direction)

