

oslo

curtain automation

SERIES 81



OSLO Series 81

TURBO MOTORISED TRACK SYSTEM

Delivering innovative technology and an adaptable track system, Series 81 is the pinnacle in motorised curtain design.

Features

- Smallest motorised track system available on the market
- Driven by the powerful 75W Oslo motor as used on Series 84
- Smooth and quiet operation featuring the kevlar impregnated belt
- Track size only 17mm x 25mm
- Uses attractive Easy-Clip bracket system not visible from the front of the track
- Range of projections (40mm, 70mm, 115mm, 160mm) for face fix brackets with covers to conceal the screws
- Pulley/drive units have metal bearings for long-life, smooth operation
- Unique track design can be easily curved to a radius as tight as 150mm
- Suits S-Wave and conventional curtains
- Fully automatic setting of electrical limits
- Unique touch start feature - gently pulling the curtain will activate the motor
- Manual operation possible during power outages
- Inbuilt receiver compatible with a range of transmitters
- 5 year warranty on motor
- Operating speed 20cm per second



**MOTOR - 5 YEAR
WARRANTY**

**BENDS TO A
150mm RADIUS**

**EASY
INSTALLATION**

Straight or curved track

Both straight track and curved track are available to suit various applications and requirements.

Straight Track



Curved Track

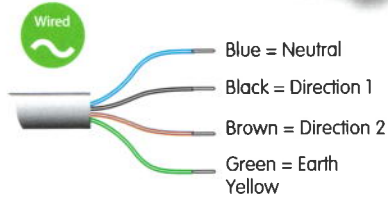


Track Curve | min. 150mm radius



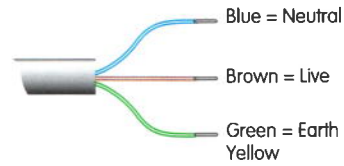
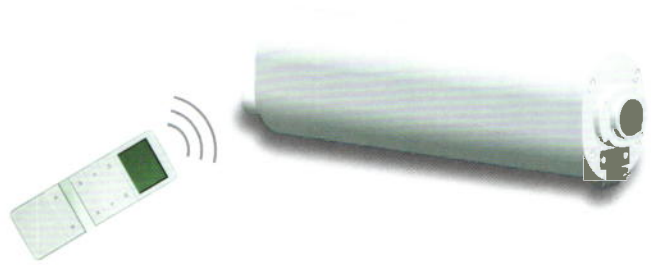
4-Core Curtain Motor

8402 - 100kg Curtain Motor 4-Core



3-Core

8401 - 100kg Curtain Motor with built in receiver



4-Core Motor

These motors can be used with building automation systems such as C-BUS and Dyalite etc.

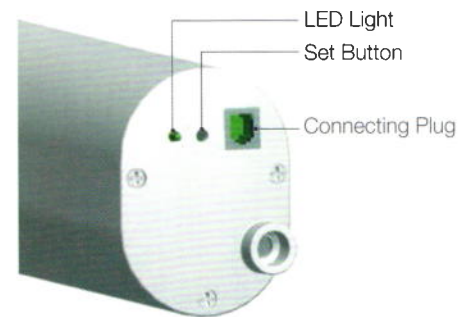
3-Core Motor

The built in receiver means these motors can be used with a range of controllers

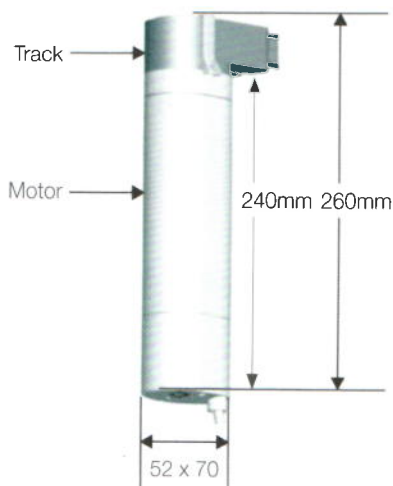
Technical Information

Specifications	8402 4-Core & 8401 3-Core
Rated Curtain Weight	100 Kilograms
Rated Input Power	75 Watts
Open/close Speed	20 (cm/sec)
Input Rated Voltage	230 Volts
Frequency	50 Hertz
Rated Current	0.34 Amps
Running Time	4 Minutes
Protection Class	IP20
Maximum Range of Revolutions	∞
Motor Weight	1.1 Kilograms

Motor Buttons

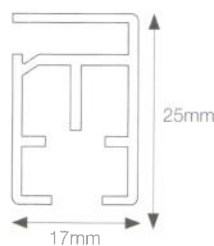


Track & Motor Dimensions

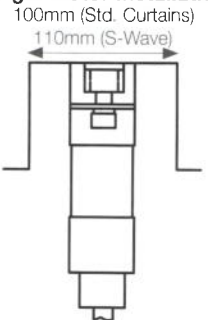


Track Profile

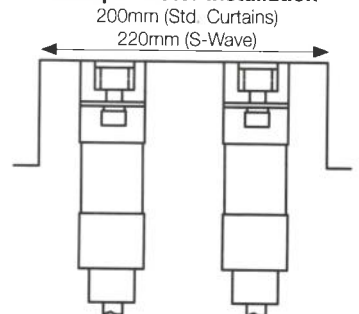
17mm W x 25mm H



Single Motor Installation



Multiple Motor Installation

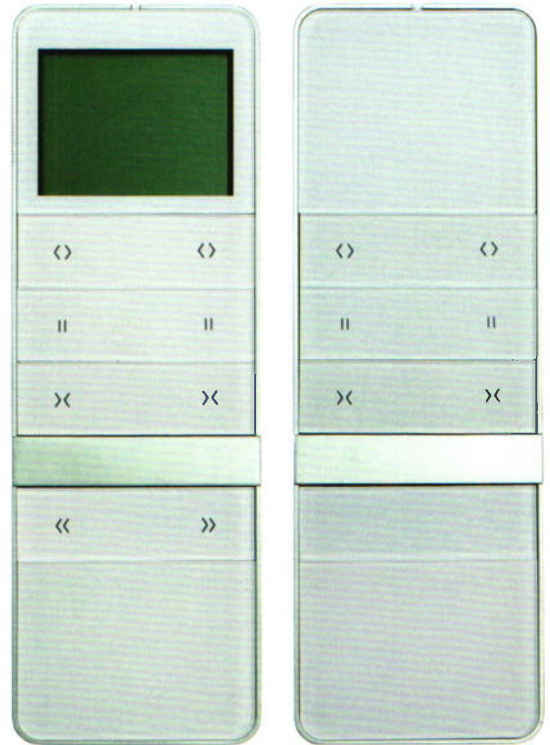
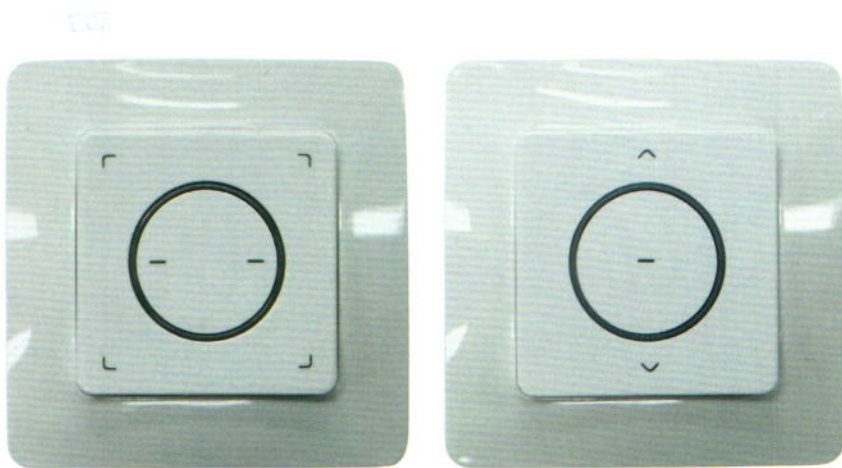


OSLO Series 81/84 Control System Solutions

Connect the Oslo Series 81/84 motors to a home/office automation system or use one of the many elegant remote controls to manage the comfort of your rooms. The range of remote controls are designed to be easy to use and functional, whilst remaining discrete and attractive to suit any décor.

Hand Held & Wall Mounted Radio Remote Solutions

- Specialty Curtain Motor Controller
- Double controller will operate both the sheer and block out curtains
- Each channel can control up to 20 receivers
- Battery usage life > 3 years
- Transmitter range: Outdoor 200 meters, indoor 35 meters
- Controller frequency: 433.92 MHz \pm 100KHz
- Controller power: 10mW -



Europe CE certificate



Europe wireless emission frequency certificate



ISO9001 quality management system certificate



ISO14000 environment management system certificate

Please note: Not all states carry the same product range.

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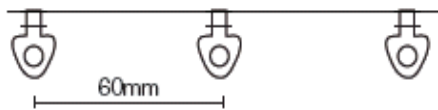
oslo 
curtain hardware

Series 81 Turbo

S-Wave System

SERIES 81 TURBO MOTORISED S-WAVE SYSTEM

USING TP ~~802~~ CLEAR WAVE (POCKET) TAPE
803

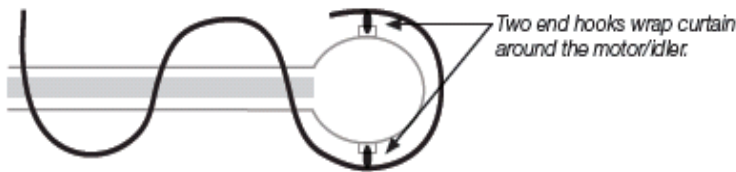


120mm
Curtain hook in every 8th pocket = 100%

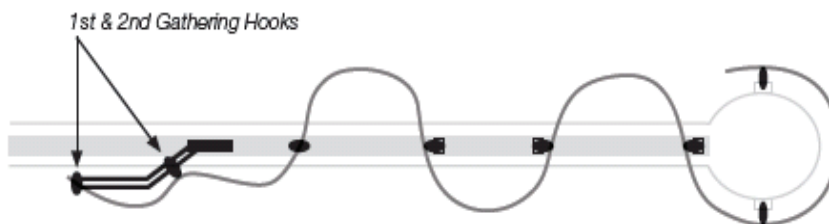


105mm
Curtain hook in every 7th pocket = 80%

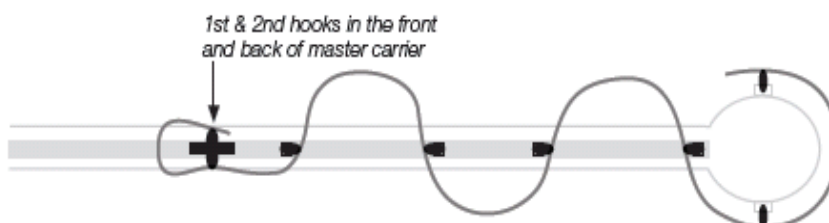
- 100% Fullness - The tape is supplied so every 8th pocket is to have a gathering hook.
- 80% Fullness - The tape is supplied so every 7th pocket is to have a gathering hook.
- The length of tape supplied is sufficient to wrap the curtain around the motor/idler using two hooks.



- Two of the hooks on the other end are used for either the overlap arm or master carrier



- For the Master Carrier on a centre open curtain, the 1st and 2nd hooks go either side of the master carrier creating a folded edge.



Series 81 Turbo S-Wave System

SERIES 81 MOTORISED S-WAVE SYSTEM

USING TP ~~802~~ CLEAR WAVE (POCKET) TAPE

803

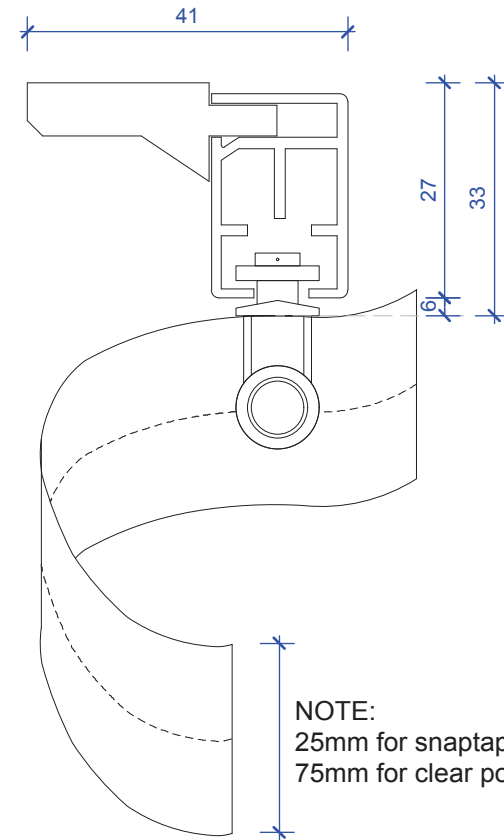
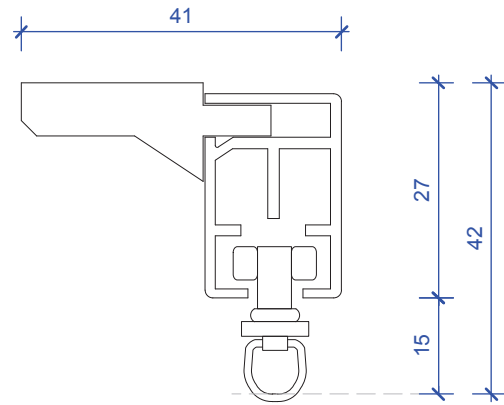
CENTRE OPENING CURTAIN OPTIONS

For the most consistent wave appearance, two Master Carriers can be used.

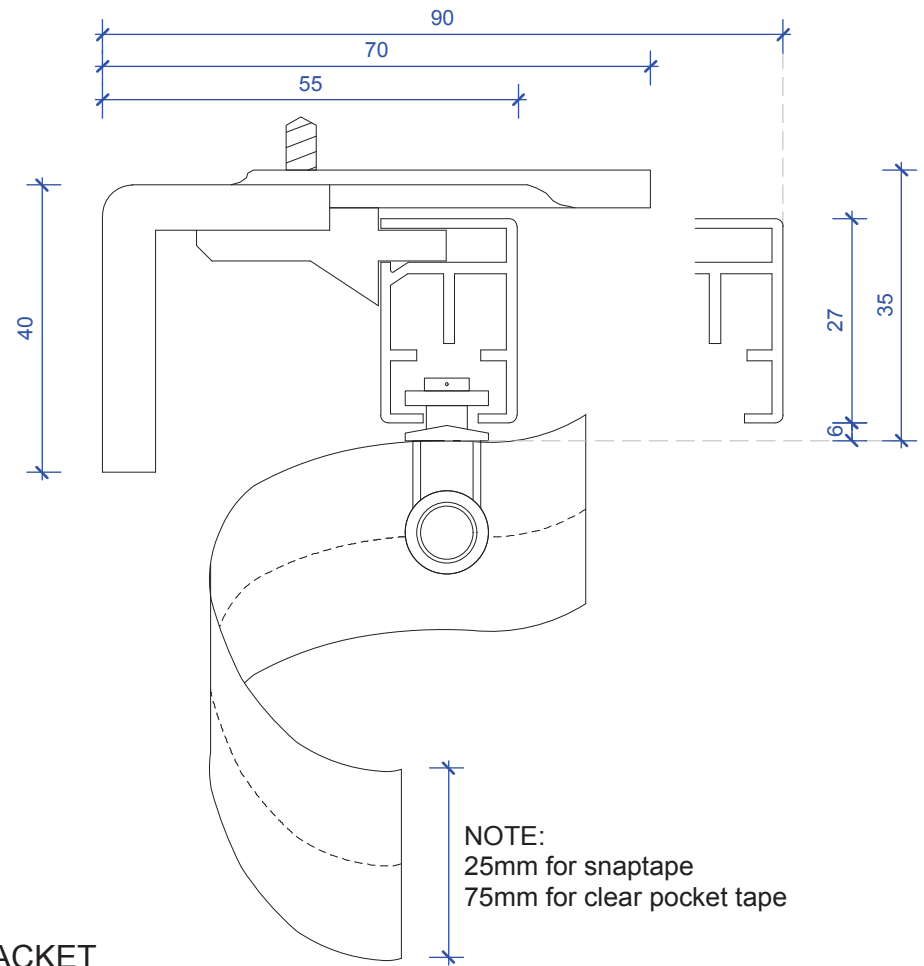
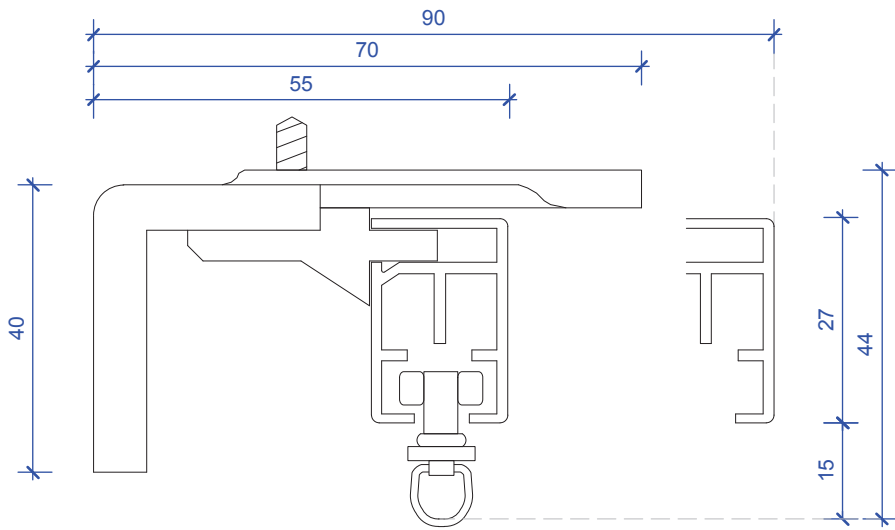


Alternatively if an overlap is required for better light block out an overlap arm can be used on one of the master carrier blocks.

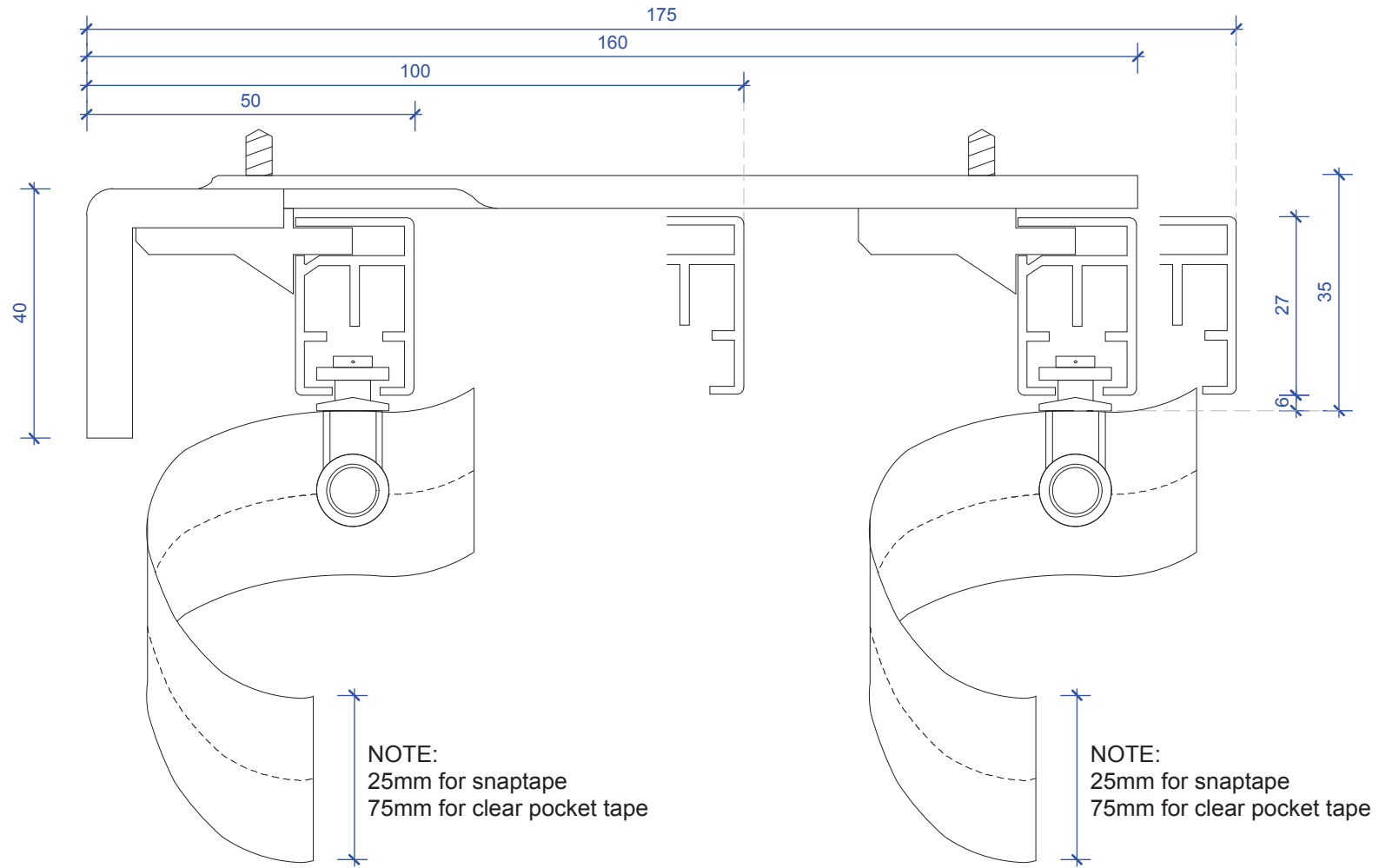




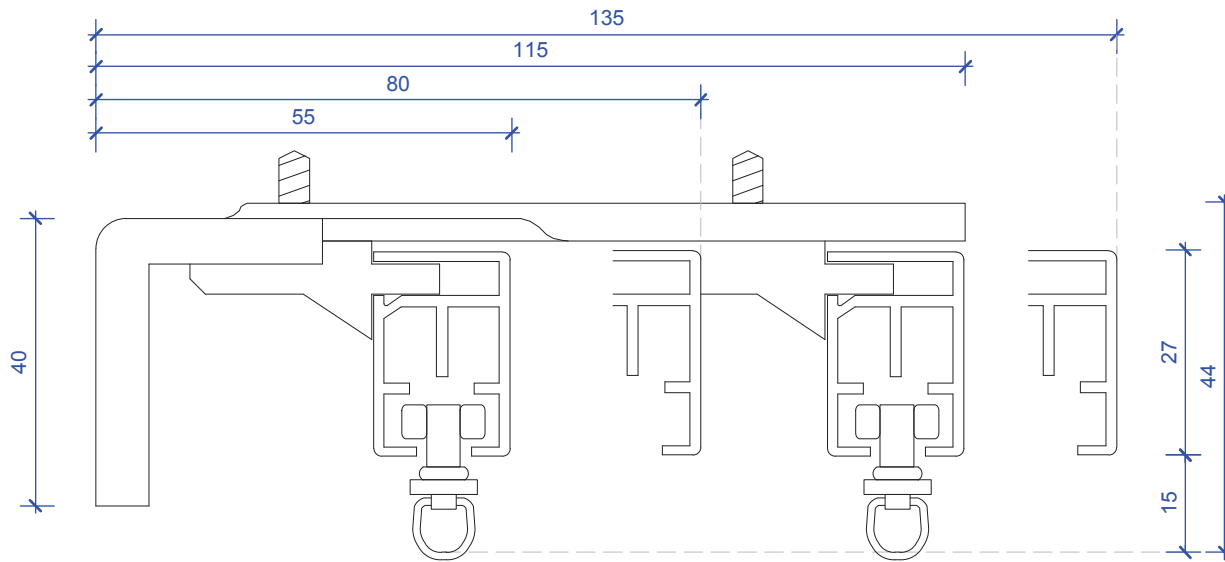
Series 81 Turbo motorised
EASY CLIP CEILING FIX
No 5053



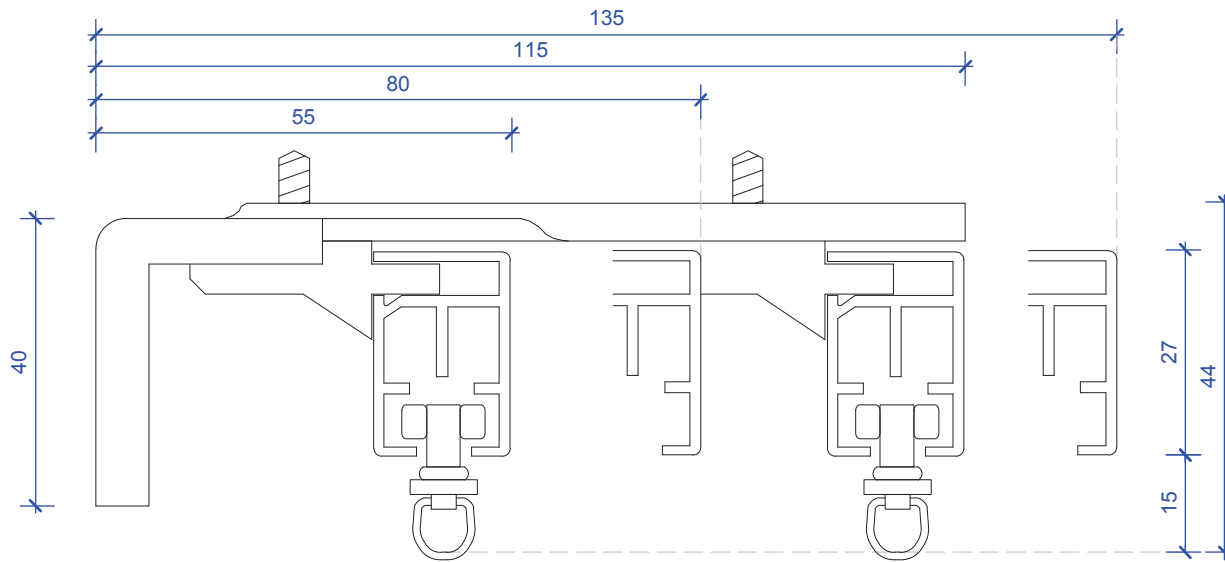
Series 81 Turbo motorised
FACE FIX 70mm PROJECTION BRACKET
No 5055



Series 81 Turbo motorised
DOUBLE FACE FIX 160mm PROJECTION BRACKET
No 5055L



Series 81 Turbo motorised
DOUBLE FACE FIX 115mm PROJECTION BRACKET
No 5055s



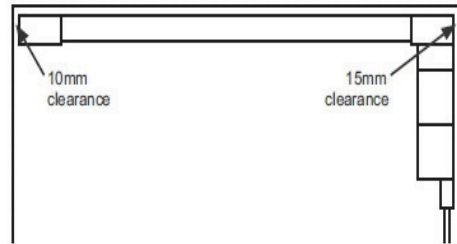
Series 81 Turbo motorised
DOUBLE FACE FIX 115mm PROJECTION BRACKET
No 5055s

Series 81 Turbo Pelmet Fitting

SERIES 81 PELMET FITTING DIMENSIONS

Overall Track Length

To allow for the installation of motors onto the track, the overall length of the track must be shorter than the wall to wall measurements, and inside pelmets, by 25mm.

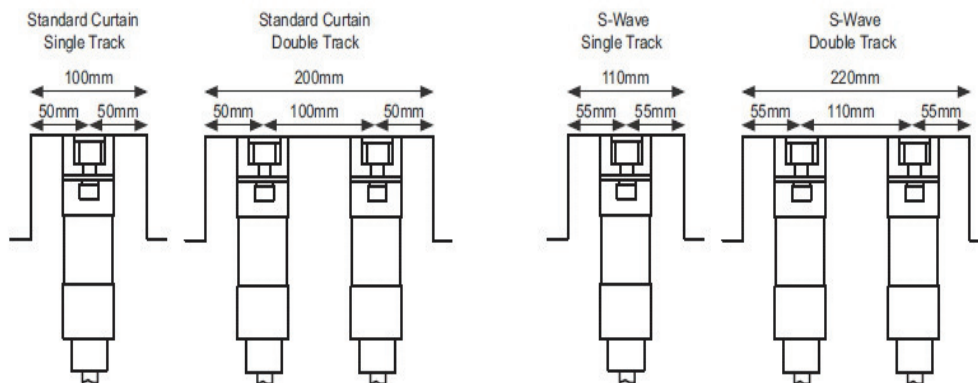


Pelmet Measurements

The pelmet measurements below are a suggested minimum size for a standard weight curtain. Heavier curtains will require a larger pelmet.

Note: All measurements are given for a 150mm radius bend. Large bends will require wider pelmets.

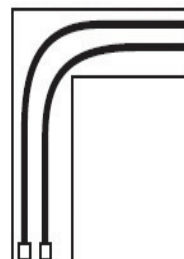
Straight Tracks



90° Bends



120mm Standard Curtains
155mm S-Wave



180mm 2x Standard Curtains
215mm 1x Standard & 1x S-Wave
280mm 2x S-Wave