

**Electric Curtain Track System  
EcoTrack-S and Elektra-S**

**Product Features and Planning Recommendations.**



## **Electric Curtain Track System EcoTrack-S and Elektra-S**



### **Product Features and Planning Recommendations.**

#### **Product Features Motors**

- Developed, manufactured and assembled in Germany.
- Silent and low vibration motors
- Using High Performance Plastic Materials
- Suitable for residential use as well as for the hospitality industry
- EcoTrack-S35/45: Easy electronic setting of limits
- EcoTrack-S35: Handstart function when pulling the curtain following the direction of the pull
- Easy fixation of the rail using
- Low cost of ownership
- Synchronous drive, brushless motor
- Elektra-S35: Suitable for use for skylights, too.
- Motors can be installed facing downward or upwards into a fake ceiling
- Easiest installation for room control systems or home automation using corresponding 230 volts blind actors
- EcoTrack-S35/45: integrated group control
- EcoTrack-S3/455: integrated dry contacts
- EcoTrack-S35/45: advanced setting and diagnosis through RS-232 by PC.
- No increase in noise level under load
- Silent Rotor Technology – a specially developed rotor eliminates almost all vibrations and makes the curtain run smooth and silent.

#### **Product Features Track System**

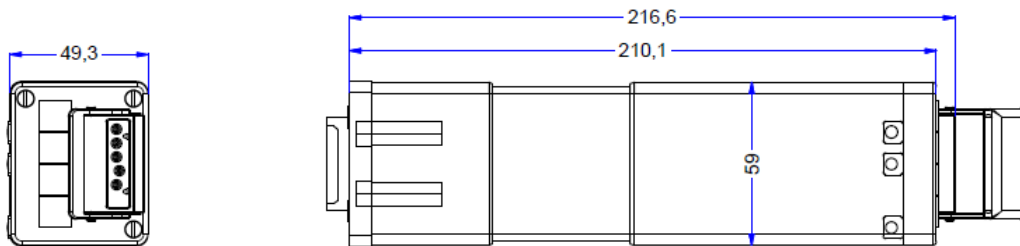
- Using special toothed drive belt with stainless steel inlays and damping textile coating for smooth operation.
- Rigid Aluminum profile available in Aluminum anodized, white similar to RAL 9016 or black similar to RAL 9005.
- Rail gears with precise roller ball gearings
- The master carriers: wheeled or gliding master carriers, with extended or standard overlap are made of stainless steel.
- Double track available with almost infinite overlap
- Wheeled turnable runners, rigid wheeled runners or turnable gliders – whatever the application may be the components will fit perfectly.
- Suitable for standard, pleated and wave flow shapes

**Product Features and Planning Recommendations.**

**Advantages of synchronous Motors**

- Mechanical transmission maintenance and operating costs are considerably reduced when implementing direct drive motors. These are brushless motors that are far less subject to the normal wear and tear compared to other motors
- Synchronous motors always run on the same constant speed for all motors connected to the same power source
- Even in the case of blockage of a motor the motor is neither damaged by overheating nor has a significant increase in the power consumption.
- Synchronous motors have a lower inrush current than other motor technologies. This is why the power consumption (in Watts) cannot be compared with a synchronous motor.

**Motor Dimensions EcoTrack-S35**



**Technical Data**

	<b>Ecotrack-S35F</b>	<b>EcoTrack-S35</b>	<b>EcoTrack-S45</b>	<b>Elektra-S35</b>	<b>Elektra-S45</b>
Torque	0,66 Nm	1,1 Nm	1,4 Nm	1,1 Nm	1,4 Nm
Rotations per Minute	136 RPM	90 RPM	90 RPM	90 RPM	90 RPM
Speed cm / Second	19 cm / sec	13 cm / sec	13 cm / sec	13 cm / sec	13 cm / sec
Power Input	230 Volts	230 Volts	230 Volts	230 Volts	230 Volts
Power Consumption	35 W	35 W	45 W	35 W	45 W
Noise Level at 30 cm	46 db(A)	47 db(A)	47 db(A)	47 db(A)	47 db(A)
Max. Curtain weight	30 kgs	35 kgs	45 kgs	35 kgs	45 kgs
Max. track length	20m	20m	20m	20m	20m
Thermal Protection	Yes	Yes	Yes	Yes	Yes
Operating Temperature	0 - +65 Degree Celsius	0 - +60 Degree Celsius	0 - +60 Degree Celsius	0 - +70 Degree Celsius	0 - +70 Degree Celsius