

Electric chain drive VS-KA, 250-1500 N

Product page: <https://ventsystems.de/en/product/vs-ka/>

Electric chain drive for opening and closing windows, skylights and rooflights for natural ventilation and smoke extraction (indoor installation).

Technical data

Nominal voltage	24 V DC (-15 %/+25 %) or 230 V AC (1500 N 24 V DC only)
Push/pull force	250 N / 400 N / 600 N / 1500 N (optional)
Current consumption 24 V	0.8 A / 1.0 A / 1.0 A / 4.5 A
Current consumption 230 V	0.4 A / 0.3 A / 0.5 A
Stroke (chain length)	100-1000 mm (as selected)
Travel speed	10 mm/s (1500 N: 16 mm/s)
Locking force	2000 N / 2000 N / 3500 N / 4500 N
Duty cycle	30 % (ED)
Degree of protection	IP32
Ambient temperature	-20 °C to +75 °C
Temperature resistance	B300
Service life	10,000 double strokes
Housing	Aluminum, powder-coated

Features

- electronic overload protection
- automatic stop when there is an obstacle
- Synchronization of drive groups
- Stroke, force and speed are adjustable
- Double link chain or stainless steel chain available (400/600/1500 N)
- Includes standard bracket set; special brackets (e.g., for inward-opening sashes) available as accessories.

For smoke and heat exhaust ventilation (SHEV) applications, the drive must be operated with an approved SHEV control panel; the suitability of the combination of window, drive and control panel must be verified for each project.

Supply and install professionally in accordance with the manufacturer's instructions. Electrical connection and cable routing under a separate item.

Manufacturer: Vent Systems, Type VS-KA ____ / ____ (Force in N / Stroke in mm), Voltage ____

Quantity: _____ pcs Unit price: _____ € Total price: _____ €