Next-Generation Variable-Speed High-Performance Door Operator

0.75kW/1.0kW/1.5kW/1.8kW/2.2kW
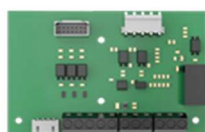
- · Operator
- · Control unit
- · Cables
- · Expansion board (optional)
- · Main switch (optional)
- · CEE plag (optional)

TÜVRheinland® CERTIFIED   TÜVRheinland® c us   CE   P65 IP Rating

Automatic calibration
Quick, hassle-free setup, allowing you to complete the setup within one minute.

High-frequency operation
Capable of handling up to 200 cycles per hour, this system is ideal for demanding environments.

LCD plain-text display
With 4-line LCD plain-text display, you could program easily and receive diagnostics when something is wrong.

Smooth and precise speed control
Enhance your systems with precise speed control for smooth, reliable, and efficient movement.

Soft start, soft stop
Smooth start/stop offers maximum material protection and a long product life cycle.

Accurate limit setting
Ensures the precise determination of operating endpoints, enhancing system performance and safety.

Over-torque protection
Advanced torque monitoring system could measure the actual force and stop the door's movement when the door is caught in something or the spring breaks.

Multiple safety inputs/outputs
You could connect several devices like safety edges, light curtains, photocells, radars, loop detectors and traffic lights, etc.

Protection class IP54 (IP65 optional)
IP54 as standard, IP65 available for freezer doors.

Gear heating system optional
It can be used in cold and harsh environment, down to -40℃.

Technical data

Model	SV75 HSD	SV100 HSD	SV150 HSD	SV180 HSD	SV220 HSD
Voltage	1N~110–120VAC / 1N~220–240VAC 50/60Hz				
Motor power kW	0.75	1.0	1.5	1.8	2.2
Rated output torque Nm	50	70	120	150	180
Max.output torque Nm	75	100	150	180	220
Speed in RPM	10–250				
Diameter hollow shaft mm	25 / 30 / 35 / 25.44 / 31.75				
Endurance c/h	200				
Ratio	1:20				
Waterproof and Dustproof Rating	IP54 (IP65 optional)				
Limit setting of door travel	Absolute encoder				
Emergency release	Crank (Chain optional)				
Max.door area m² (PVC door)	18	26	40	50	64
Max.door area m² (Spiral door)	12	16	25	30	40

Safety accessories
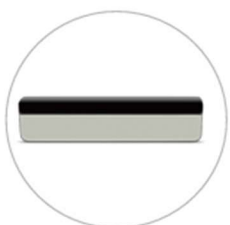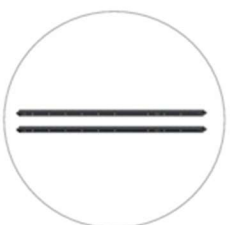
Traffic lights　　**Ground loop**　　**Radar**　　**Light curtain**　　**Safety edge**　　**Photocell**