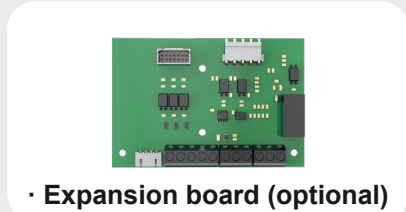


# Next-Generation Variable-Speed High Performance Door Operator

0.75kW/1.0kW/1.5kW/1.8kW/2.2kW



## High speed pvc shutters



### 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 C.



## Technical data

Model	EN-SV75 HSD	EN-SV100 HSD	EN-SV150 HSD	EN-SV180 HSD	EN-SV220 HSD
<b>Voltage</b>	1N~110-120VAC / 1N~220-240VAC 50/60Hz				
<b>Motor power</b> kW	0.75	1.0	1.5	1.8	2.2
<b>Rated output torque</b> Nm	50	70	120	150	180
<b>Max.output torque</b> Nm	75	100	150	180	220
<b>Speed in RPM</b>	10-250				
<b>Diameter hollow shaft</b> mm	25 / 30 / 35 / 25.44 / 31.75				
<b>Endurance</b> c/h	200				
<b>Ratio</b>	1:20				
<b>Waterproof and Dustproof Rating</b>	IP54 (IP65 optional)				
<b>Limit setting of door travel</b>	Absolute encoder				
<b>Emergency release</b>	Crank (Chain optional)				
<b>Max.door area</b> m <sup>2</sup> (PVC door)	18	26	40	50	64
<b>Max.door area</b> m <sup>2</sup> (Spiral door)	12	16	25	30	40

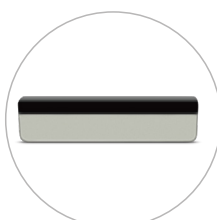
## Safety accessories



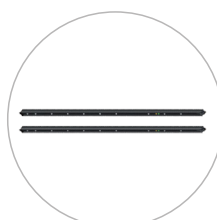
Traffic lights



Ground loop



Radar



Light curtain



Safety edge



Photocell

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