

# Standard Sliding Door

## Door Operator

# V-SL Sliding Door



NABCO high performance sliding door operator is applicable to wide range of door requirements



- A self-test function provides sensor inspection to detect the protection area correctly.
- NABCO CAN communication network system is highly trustable in transmitting information.
- Various setups achieve comfortable environment at any location.
- Long-life designed door roller provides high durability and low running cost through anti-derailing mechanism.

## Specifications

Door Type	Single			
Product Name	V-60SL	V-85SL	V-150SL	V-250SL
Gear Motor Type	VS-60	VS-85	VS-150	VS-250
Applicable Door Mass (kg) x Door Quantity <sup>*1</sup>	75×1	100×1	120×1	150×1 <sup>*5</sup>
Applicable Door Width : DW (mm)	650 - 2500			1200~2700
Ratio of Door Height / Width : DH / DW <sup>*2</sup>	Max. 4			3
Required Power Capacity	230VAC ± 10% 2.5A <sup>*3</sup>			
Door Operation Speed (m/sec)	0.1-0.7 <sup>*4</sup>			
Wind Load (m/sec)	15m/s or less			

Door Type	Bi-Parting			
Product Name	V-60SL	V-85SL	V-150SL	V-250SL
Gear Motor Type	VS-60	VS-85	VS-150	VS-250
Applicable Door Mass (kg) x Door Quantity <sup>*1</sup>	60×2	85×2	120×2	150×2 <sup>*5</sup>
Applicable Door Width : DW (mm)	650-2500			900~2700
Ratio of Door Height / Width : DH / DW <sup>*2</sup>	Max. 4			3
Required Power Capacity	230VAC ± 10% 2.5A <sup>*3</sup>			
Door Operation Speed (m/sec)	0.1-0.7 <sup>*4</sup>			
Wind Load (m/sec)	15m/s or less			

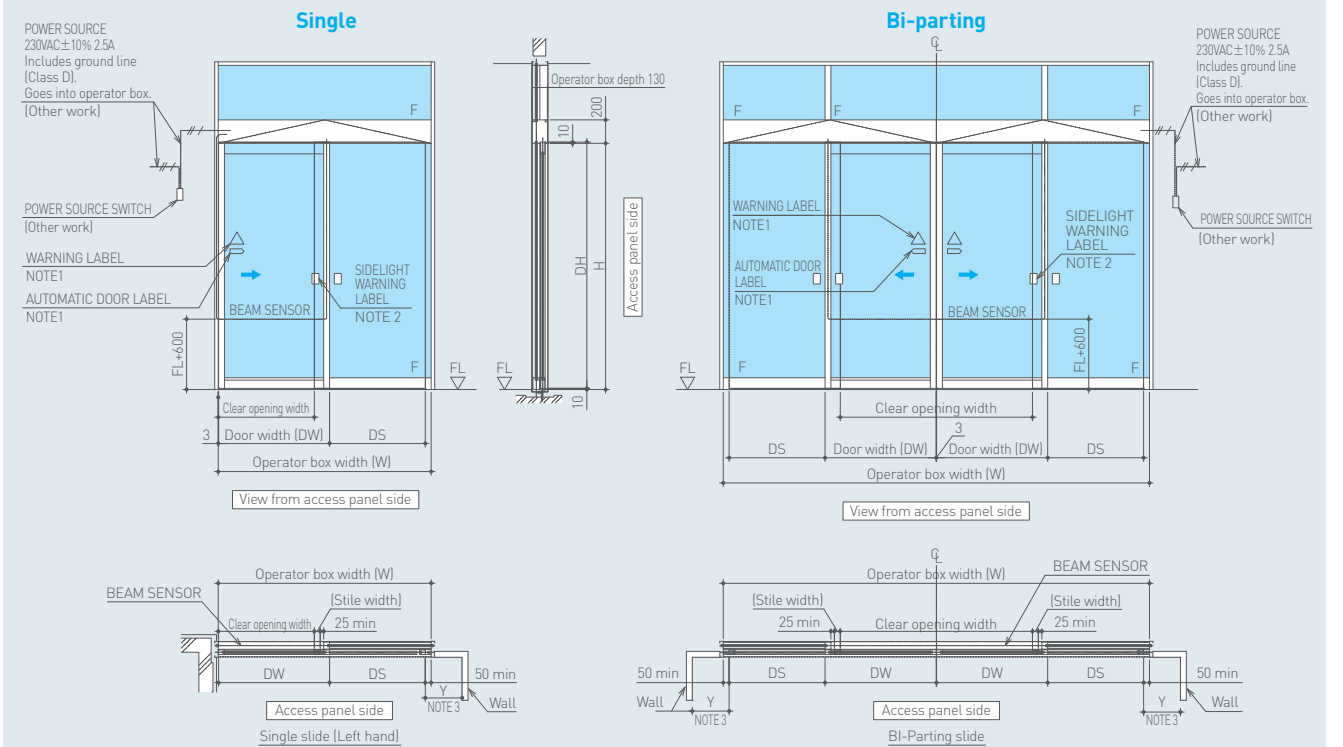
<sup>\*1</sup> The door should be used under conditions where the door unit weight will not exceed the value defined in the specification. If the weight exceeds the specification, malfunction or accident will occur.  
<sup>\*2</sup> The unit door aspect ratio should not exceed the value defined in the specification. If the aspect ratio exceeds the specification, the specified performance will be impaired.  
<sup>\*3</sup> With a transformer specified by NABCO  
<sup>\*4</sup> The speed varies according to the door weight or site environment.  
<sup>\*5</sup> Only V-150SL-F (F rail base design) is applicable to a door unit weight of up to 150 kg. V-150SL-F (N rail base design) is applicable to a door unit weight of up to 120 kg.

## Header Configurations

Product Name	V-60SL / V-85SL / V-150SL			V-250SL
Header Type	S	HM	F <sup>*1</sup>	F
Installation	Surface mount	Surface mount	Concealed flat bar mount	Concealed flat bar mount
Header Height	150 mm	100 mm	200mm	330 mm
Header Depth	100 mm	150 mm	97mm <sup>*2</sup>	107.5 mm <sup>*2</sup>

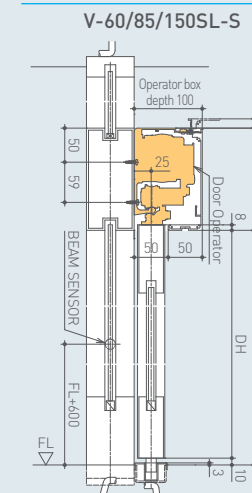
<sup>\*1</sup> There are two types of rail base applied to V-150SL; N rail base up to 120kg per door and F rail base up to 150kg per door.  
<sup>\*2</sup> Operating unit depth

## Dimension(mm)

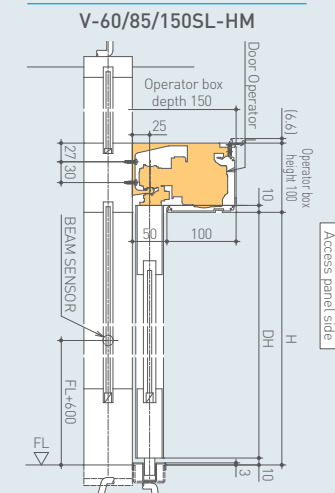


## Surface mounted type

### S type

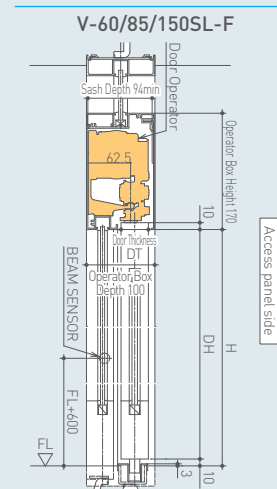


### HM type

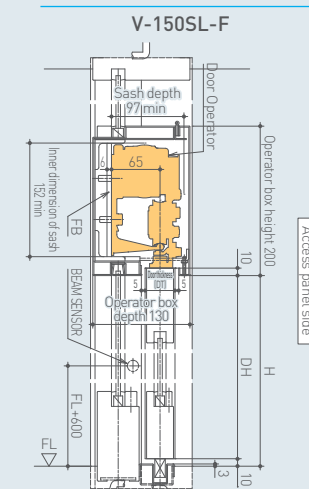


## Flat bar mounted type

### F type (N rail base)



### F type (F rail base)



### F type

