

Door Operator

V-SL Sliding Door



NATRUS **NET**

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*1	V-60SL	V-85SL	V-150SL		V-250SL	
Header Type	VS-60	VS-85	VS-150		VS-250	
Header Type	S / HM / F		S / HM / F	F / M *4	M	F
Applicable Door Mass (kg) x Door Quantity*2	75×1	100×1	120×1	150×1	250×1	500×1
Applicable Door Width : DW (mm)	650 - 2500				1200~3100	1200~2700
Ratio of Door Height / Width : DH / DW*3	Max. 4				Max.3	
Required Power Capacity	230VAC ± 10% 2.5A *5					
Door Operation Speed (m/sec)	0.1-0.7 *6					
Wind Load (m/sec)	15m/s or less					

Door Type	Bi-Parting					
Product Name*1	V-60SL	V-85SL	V-150SL		V-250SL	
Geared Motor Type	VS-60	VS-85	VS-150		VS-250	
Header Type	S / HM / F		S / HM / F	F / M *4	M	F
Applicable Door Mass (kg) x Door Quantity *2	60×2	85×2	120×2	150×2	250×2	250×2
Applicable Door Width : DW (mm)	650-2500				1200-3100	900-2700
Ratio of Door Height / Width : DH / DW*3	Max. 4				Max.3	
Required Power Capacity	230VAC ± 10% 2.5A *5					
Door Operation Speed (m/sec)	0.1-0.7 *6					
Wind Load (m/sec)	15m/s or less					

^{*1} Product name is combined with header type.

^{*2} 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.

^{*3} 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.

^{*4} Not applicable to V-150 SL-F (N rail base design).

^{*5} With a transformer specified by NABCO

^{*6} The speed varies according to the door weight or site environment.

Header Configurations

Product Name	V-60SL / V-85SL / V-150SL			V-250SL
Header Type	S	HM	F ^{*1}	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 ^{*2}	107.5 mm ^{*2}

^{*1} 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.

^{*2} Operating unit depth

Dimension(mm)

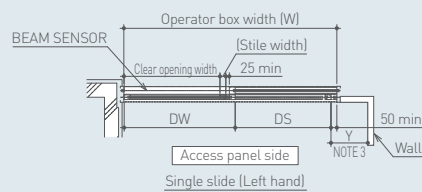
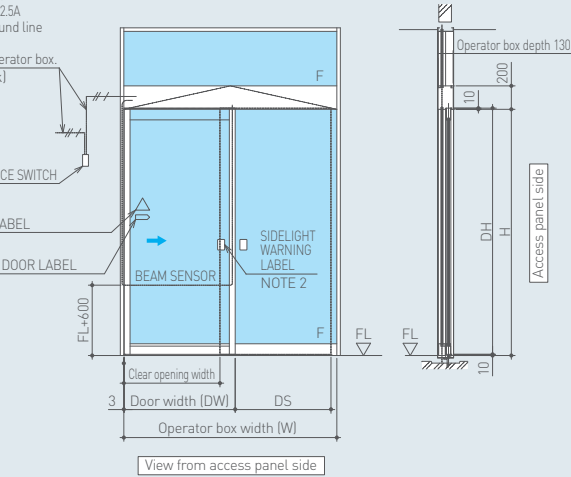
POWER SOURCE
230VAC±10% 2.5A
Includes ground line
(Class D).
Goes into operator box.
(Other work)

POWER SOURCE SWITCH
(Other work)

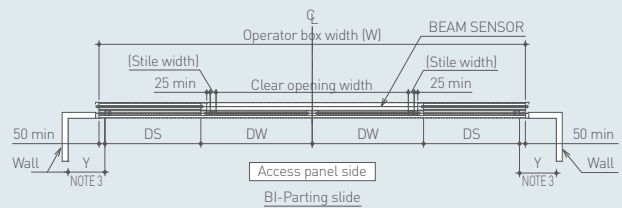
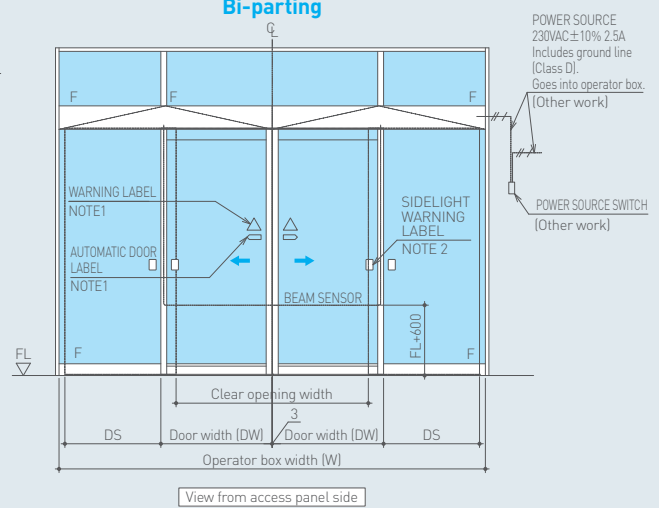
WARNING LABEL
NOTE1

AUTOMATIC DOOR LABEL
NOTE1

Single



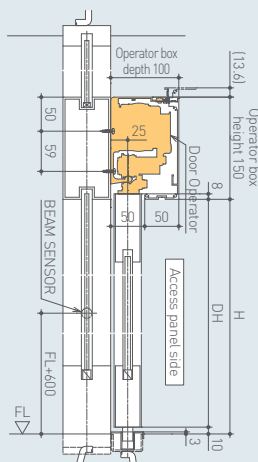
Bi-parting



Surface mounted type

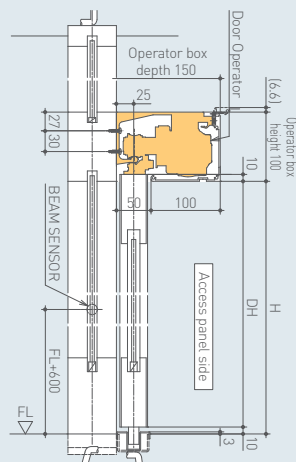
S type

V-60/85/150SL-S



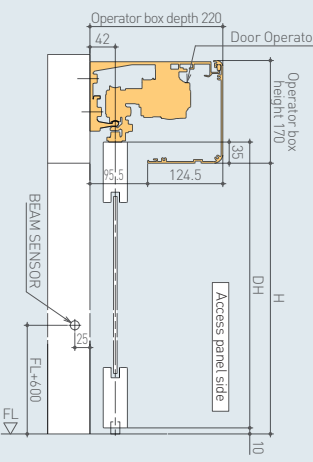
HM type

V-60/85/150SL-HM



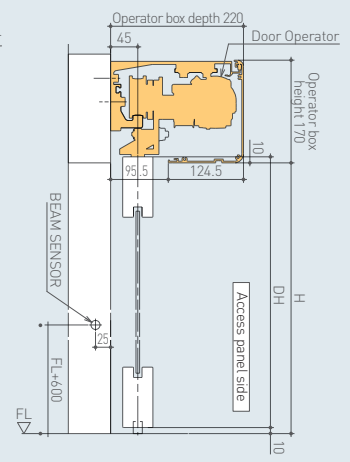
M type

V-150SL-M



M type

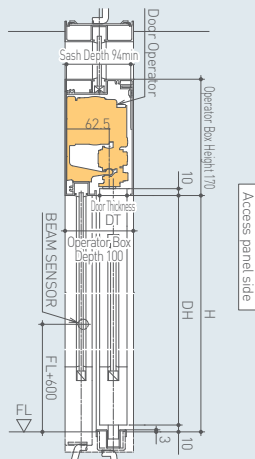
V-250SL-M



Flat bar mounted type

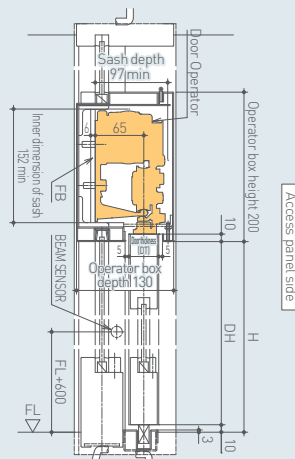
F type (N rail base)

V-60/85/150SL-F



F type (F rail base)

V-150SL-F



F type

V-250SL-F

