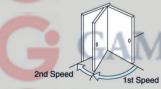


Door Closing Speed Adjustment

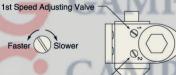
Closing Speed Adjusting Valves

Trouble-free adjusting of speeds by simply turning the speed adjusting valves to the right or left.



Adjustment of 1st and 2nd Speeds





2nd Speed Adjusting Valve

Backcheck Function (Optional)

This function uses hydraulic pressure to prevent the door from opening rapidly when a strong wind or external force is imposed in the opening direction of the door. You can open the door slowly in the backcheck section though the opening force is felt a little heavier.



There is the right and left hand for 185,186

Parallel Installation



Colors

- Silver (N-01)
- Burnt Umber (N-52)

A horizontal door closer refined by continued research into a product of the finest

• Different models to fit different door sizes. Each of these models is available for either standard installation or parallel installation.

Further, a choice can be made between a closer with or without a hold-open device.

- Simple inversion of the main body (turning upside-down) allows installation on both right and left hand doors.
- An adjustable hold-open range of 70° to 180° is available to parallel installation and that of 70° to 120° is available to standard installation.
- Models 81 and 181 allow a maximum door opening angle of 150°.

1	Model Number					Applicable Door	Maximum Door
	Standard Installation			Parallel Installation		Dimensions DW×DH mm	Weight
	Without Hold-open	With Ho	old-open	Without Hold-open	With Hold-open		kg
8	81	181 h	ie maximum ld-open angle is 120°	P-81	P-181	800×1800	30
3	82	182	1,1/	P-82	P-182	900×2100	45
	83	183	"	P-83	P-183	950×2100	65
	84	184	"	P-84	P-184	1050×2400	85
Α	85	* 185	,,,,,	P-85	P-185	1200×2400	120
	86	* 186	,	P-86	P-186	1800×2700	180

(Note) • In the case of standard installation, the maximum hold-open angle is 120°. (180° for parallel installation.)
For installation on fire doors, select a closer with a temperature fuse.