

# High speed roll door type C, intensive use

GSP-1114-E/B

Productivity door with fast vertical rolling, entirely designed for clean environment and intensive use.

The door is designed for an intensive use in a clean room environment, where contact risk increase.

This door adapts to usual or controlled atmospheric pressure until 20/25 Pa 0.003 PSI / 0.0036 PSI. According to the project, it is offered with screen until 4 m x 4,5 m 13.1' x 14.8'.

Structure and device in smooth and wear resistant components, stainless steel and without welding.

## Technical characteristics

### Opening :

« just in time », manual, or automatic for all detections, with a speed from 0,9 to 1 m/s 3 ft/s to 3.3 ft/s depending on the dimension.

### Closing :

« fast », manual, or automatic after delay, with a speed from 1 to 0,9 m/s 3.3 ft/s to 3 ft/s.

Options opening without power : pawl key, crank or counterweight.

### Motor :

on the right or the left - Power from 0,55 to 0,95 kW depending on the dimension - IP 55.

Supply : 230/400 V tri, 50 Hz, front protection with dif. 300 mA

### Isolation

- Closed door : the flexible screen guarantees the tightness by a leakage surface lower than 200 cm<sup>2</sup> 31 inch<sup>2</sup> until 50 Pa 0.007 PSI for a door 2,5 m x 2,5 m 8.2' x 8.2'.

- At each passage : it reduces the exchanges of air mass thanks to its free edge<sup>®</sup> and multi flexible<sup>®</sup> witch allows to open “just in time”, and to close twice faster as usual screens, with out damage risks.

### Adaptation to clean room

- Without welding, the Star 5 Labo Business<sup>®</sup> door connects a screen with tight horizontal weldings, to a structure and a device smooth, hydrophobic and accessible for the cleaning.

- These latest generation materials “Labo” provide upper performances than stainless steel 316L.

- The free screen edge<sup>®</sup>, multi flexible<sup>®</sup> and reactive<sup>®</sup> avoids the damages when the screen is opened while vertical or horizontal distortion. Automatic reintegration.

### Dimensions

Clear opening Heights : 2000 mm 6.6', 2500 mm 8.2', 3000 mm 9.8', 3500 mm 11.5', 4000 mm 13.1', 4500 mm 14.8'

Clear opening Widths : 1500 mm 4.9', 2000 mm 6.6', 2500 mm 8.2', 3000 mm 9.8', 3500 mm 11.5', 4000 mm 13.1'



### Couleurs écran Nergeco<sup>®</sup>:

<b>Blanc</b> A RAL 9010	<b>Beige</b> A RAL 1014	<b>Jaune</b> RAL 1021	<b>Orange</b> RAL 2008
<b>Rouge</b> RAL 3002	<b>Bleu ciel</b> A RAL 5015	<b>Bleu</b> RAL 5010	<b>Marron</b> RAL 8017
<b>Vert clair</b> A RAL 6018	<b>Vert</b> RAL 6026	<b>Gris</b> RAL 7037	<b>A : contact alimentaire</b>

