

Product:

NIHVA Sectional Overhead Doors

Model 1042P

Description:

Overhead sectional door/sectional door with square grid design sandwich panels filled with CFC free polyurethane core, 42mmthick, 545mm high with standard colors.

Double acrylic vision panels

Integrated finger pinch protection

Top, bottom and side seals and seals between door sections

High Lift/Vertical track system in galvanized steel

Spring balancing, 20,000 cycles

Spring break device

Lock bolt, step-handle

Compliance with all operational and safety instructions in EU Directives and the standards of the European Standardization Committee (CEN)

Operating system: Electric Wind load (EN 12424) - Class 3 (700 N/m²)

Thermal transmittance (EN 12428) - 1.1 W / (m² K) Water penetration (EN 12425) - Class 3, 70 PA

Air permeability (EN 12426) - Class 3

Bottom Sections:

Sandwich panel across entire width, surface square grid, Section height 545mm plus bottom seal

Glazing:

Optional Double acrylic double sealed oval/rectangular shaped.

Surface color:

1. Exterior RAL 9010 and interior natural aluminum finish
2. Interior and / or exterior painted in RAL-standard color buyer's choice at extra cost

Hardware: Vertical/High lift

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Electronic operator:

Operating voltage: 230 V AC, 50/60 HZ (internal supply 3-phase 230 V AC)

Operating factor: ED = 30%, S3 10 min, non-continuous operation

(Engine operation 3 min, pause 7 min, direct-inverting)

Torque: 15-40 Nm, depending on reel type (value of given door shaft)

Fusing: 10 A

Brake: non-reversible worm gear

Speed monitor: electronic monitoring

Freewheel / clutch: mechanical engagement/disengagement

Limit switch: electronic via torque (setting "Door open" during programming) Setting "Door closed" in processor board

Gears: worm gear 1750 RPM yields approx. 24 rotations door shaft

Shaft: $\varnothing 35$ mm or hexagonal

Direct drive system

No special wall reinforcement necessary

Temperature range: -20°C to 60°C

Soft stop, soft start

Connection using "CEE plug" or lockable mains isolator

Maximum door weight capacity 400 kg

Control units:

a) Loading Area Integrated control unit 950 DLA SD to operate Sectional Door & Dock leveler with automatic return to cross traffic position after operational cycles. Push button control from inside

b) Internal Doors Standard 950 controls equipped with UP DOWN STOP buttons and error displays. Additionally pull switch controller is provided

Output 0.37 kW, input 1 x 230 V. Including control unit with standard actuator UP-STOP-DOWN. The door closes using pulse control incl. self-monitoring safety edge Operating speed 0.25 m/s, safety rating IP 55. If there is a power failure, the disengage device enables manual operation at any time