



SpiraDoor



SPIRADOOR, IS A NEW TYPE METAL INDUSTRIAL DOOR, WHICH HAS INSULATION, ENERGY-SAVINGS, IS SEALED, HIGHLY EFFICIENT WIND RESISTANCE AND ENVIRONMENTAL FEATURES ALL COMBINED INTO IT.

DUE TO ITS MAXIMUM OPENING SPEED OF 2.5 METRE PER SECOND IT CAN BE APPLIED TO LOGISTICS CHANNELS REQUIRING HIGH SPEED AND FREQUENCY.

THE DOOR PANEL ADOPTS DOUBLE-LAYER TENSILE ALUMINIUM PLATES OF 0.7MM THICK AND IS ONE-STEP MODELLED ON AN ASSEMBLY LINE.

THE MIDDLE SECTION IS FOAM FILLED BY POLYURETHANE, WITH A CAPACITY EQUAL TO OR GREATER THAN 50 KG PER CUBIC SPACE (EXCLUDING CFC), AND THE TOTAL THICKNESS OF THE DOOR PLATE IS 43MM.

THE CROSS-SECTION DESIGN ADOPTS HEAT INSULATING STRUCTURE AND HAS THE ADVANTAGES OF HEAT INSULATION, LIGHT IN WEIGHT, HIGH STRENGTH, AND IMPACT RESISTANCE.

THE CLASSIFICATION OF WIND RESISTANCE IS EQUAL TO OR GREATER THAN UP TO BEAUFORT FORCE 12, CLASS 3, 120KMPH.



THE APPLICATION OF THIS DOOR WILL SAVE THE COMPANY A GREAT QUANTITY OF PRODUCTION ENERGY CONSUMPTION CAUSED BY AIR CIRCULATION. OUR PRODUCT IS VERY RELIABLE, PRACTICAL, EASY-OPERATING AND QUICK-FIXING.

THE DRIVE SYSTEM HAS ADOPTED STABLE ENERGY-SAVING AND ACCURATE SERVO-SYSTEM TO ENSURE RELIABLE OPERATIONS.

Standard Configuration

Emergency starting device while power off

Infrared safety protection system – Photo cells from 0-1480mmAFL

Operating button box

Contact belt triggering-type safety bottom edge

3 phase Motor & Control system





SAFETY SYSTEM

PHOTOEYES FROM 0-1480MM AFL.

TRANSPARENT WINDOWS - OPTIONAL

HIGH-QUALITY POLYCARBONATE SHEET, THE DESIGN WITH DOUBLE-LAYER STRUCTURE NOT ONLY ENSURES THE HEAT PRESERVATION EFFECT FOR INTERNAL AND EXTERNAL DOOR BUT ALSO GOOD TRANSPARENCY AND LIGHTING EFFECT.

MOTOR SYSTEM

3 PHASE MOTOR & CONTROL SYSTEM.

DOOR STRUCTURE

THE DOOR CURTAIN IS ALUMINIUM ALLOY DOOR PANEL, MULTILAYER SEALING RUBBER STRIP, HINGE FOR MUFLING AND LOAD BEARING AND POLYURETHANE GUIDE WHEEL.

THE STANDARD THICKNESS OF ALUMINIUM ALLOY THERMAL INSULATION DOOR PANEL IS OF 43MM.

THE INTERIOR IS FILLED WITH POLYURETHANE INDUSTRIAL THERMAL INSULATING MATERIALS.



HOISTING WAYS

THE ALUMINIUM-ALLOY TURBINE GUIDING BEARING RAIL STANDARD IS TURBINE INHALATION TYPE.

TOP COVERS - OPTIONAL

OPTIONAL TOP COVERS AVAILABLE.

TECHNICAL OVERVIEW

EXTERNAL DOOR/INTERNAL DOOR

SIZE RANGE *FOR DOORS WIDER OR HIGHER PLEASE ENQUIRE

MAX. WIDTH*: 6500 MM

MAX. HEIGHT*: 6000 MM

SPEED

MAX OPENING SPEED 2.5 M/SEC

MAX CLOSING SPEED 0.6 M/SEC

RESISTANCE TO WIND LOAD

UP TO FORCE 12 CLASS 3 120 KMPH

THERMAL INSULATION

$K \leq 5W / (M^2 \cdot K)$

POWER SUPPLY REQUIREMENTS

400V



call free: 0800 267 888 e: info@flexibledoors.co.nz www.flexibledoors.co.nz Postal: PO Box 7487 Christchurch, 8240

- CHRISTCHURCH:** 9 Lock Crescent, Hillsborough, Christchurch 8022, New Zealand.
 AUCKLAND: 43A Hobill Avenue, Wiri, Auckland 2104, New Zealand.

p: +64 3 384 8036
f: +64 3 384 8046