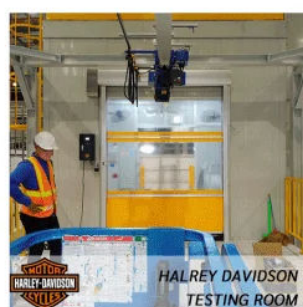
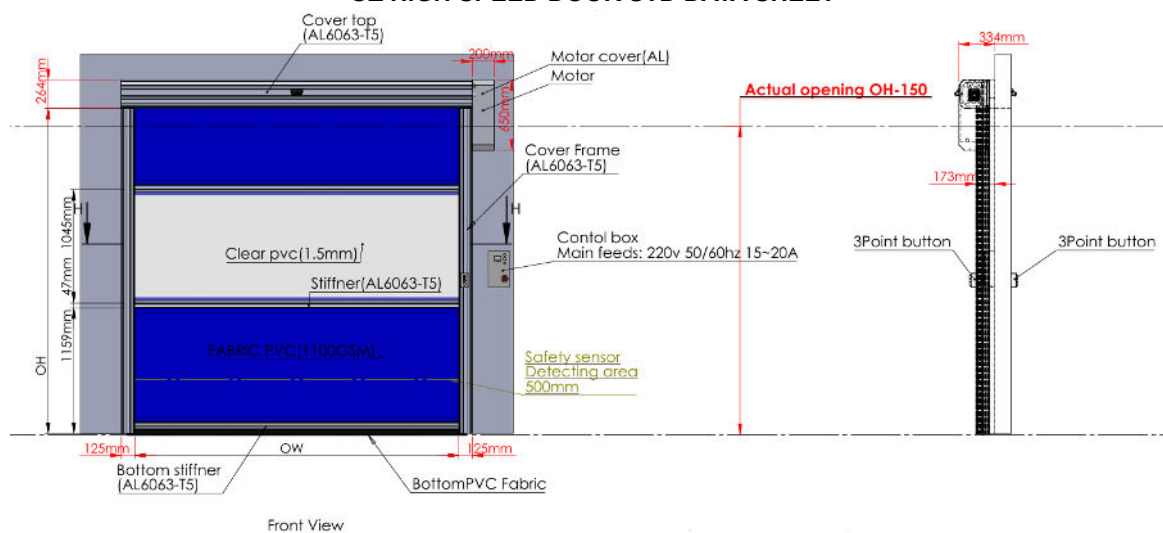


## OZ HIGH SPEED DOOR STD DATA SHEET

**Door type**

OZ HSD Standard

**Suitable application**

Interior/exterior

**Size**

Width

Max 6M

Height

Max 6M

Total door leaf weight

-

**Speed with control**

Max. opening

700mm~1500mm/s (According to setting)

Closing approx

700~1500mm/s (According to setting)

Temperature range

-5~+60°C

Main power

220 V single phase

Power frequency

50/60hz

Rate output power

0.75KW ~1.5KW (According to door size)

IP degree

IP54

Resistance to wind load  
(EN 12424)

Class 2 (Beaufort scale 5)

Thermal insulation  
(EN 13241-1, ISO 12567-1)

1.2

Emergency opening

By Handle

Perfact Warranty

Hardware 2 Years/Motor 2 Years

Servo controll system

Motor

Rated Output Power  
Dimension(L\*W\*H/mm)  
Rated Speed  
Gear ratio  
Limit Mode  
Self Locking Mode  
Manual Release  
Weight(net)(Kg)

Door size <3x3M  
0.75KW  
440x110x180  
2000RPM  
15:1  
  
10.3

3x3M < Door size  
1.5KW  
522x130x200  
2000RPM  
15:1  
  
17.3

Absolute Encoder  
Electro Mechanical Brake  
Handle

Control box

Enclosure material  
Dimension(L\*W\*H)  
Rate output power  
External power supply  
Weight(net)(Kg)

SPCC  
340x195x95(125)(include E-STOP)  
0.75~2.2KW  
24/0.4VDC/A  
3

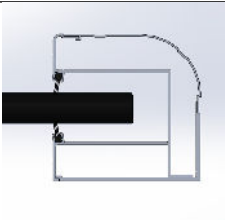
PLC Converter,  
Soft run/Soft stop,  
LCD(EN),  
3 Mode(Auto/Manual/log),  
Torque Auto-adjusting,  
Speed setting,

Anti-frozen running,  
Interlock(Air-curtain,2 doors, Machine..),  
Self-diagnosis,  
Statistics Management,  
Faults history,  
Maintenance Reminder

Feature

FRAME

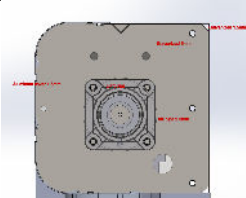
Frame  
Cover



Aluminum alloy 6063 T5 3m  
Aluminum alloy 6063 T5 1.5m

TOP

Back cover  
Side-bracket  
Bearing  
Motor bushing  
Motor bracket  
Cover-Drum  
Roll-pipe



Galvanized Steel 1.5mm  
Galvanized Steel 5mm  
Asahi Series  
Rubber  
Galvanized Steel 5mm  
Aluminum alloy 6063 T5 1.5m  
SS400 with Coated insulation

Door Leaf

PVC Sheet

Color



RAL 2002: Vermilion Orange  
RAL 1007: Daffodil yellow  
RAL 5005: Signal blue  
RAL 7047: Tele grey  
RAL 9003: Signal white  
RAL 9004: Signal black

|                                                                                 |                      |                                                                          |
|---------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------|
| Material                                                                        | Standard test method | high-strength polyester canvas fabric,<br>coated with polyvinyl chloride |
| Weight(GMS)                                                                     |                      | 1100(2000)                                                               |
| Surface treatment                                                               | EN ISO 2286-2        | Double side PVC treatment                                                |
| Thickness(mm)                                                                   |                      | 0.8(1.5)                                                                 |
| Tensile Strength(N/5cm)                                                         | DIN 53354            | 4200(5300)                                                               |
| Tearing Strength(N/5cm)                                                         | DIN 53363            | 450(820)                                                                 |
| Peeling strength(N/5cm)                                                         | DIN 53357            | 120(150)                                                                 |
| Color Fastness                                                                  | EN ISO 105 B02       | 7~8                                                                      |
| Fire retardant                                                                  | DIN4102/GB8624       | B2 (B1)                                                                  |
| Temperature range(°C)                                                           | DIN EN 1876-1        | -30~+70                                                                  |
| Features: UV Treatment(No discolor), Waterproof, Anti-bacteria, Cold Resistance |                      |                                                                          |

PVC Clear

Color

Material

Thickness(mm)



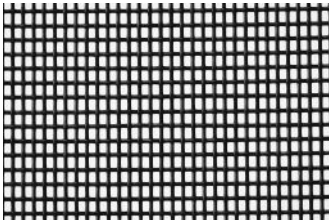
Clear/ Clear Yellow  
high-strength polyester canvas fabric,  
coated with polyvinyl chloride  
1.5mm

PVC Mesh

Color

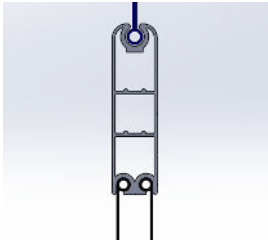
Material

Hole Size



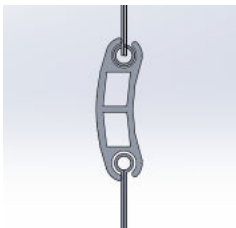
Black  
high-strength polyester canvas fabric,  
coated with polyvinyl chloride  
1\*2mm/3\*6mm Two size

BOTTOM BAR



Aluminum alloy 6063 T5 1.5m~ 6mm

WIND BAR



Aluminum alloy 6063 T5 1.5m~6mm

Safety sensor

Photo cell(Standard)

Response time  
Detection distance  
Material  
IP grade  
Detection object  
**Installation Height**



1~15ms  
20m  
Housing: Cu plated Cr Lens: PMMA  
IP67  
Min ∅ 18mm  
500mm/1000mm

**Light curtain sensor**

Response time  
Detection distance  
Material  
IP grade  
Scanning height  
Min detection object  
Optical axis



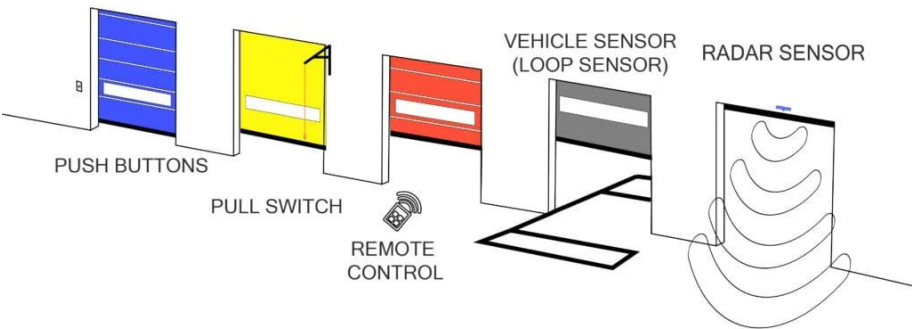
2.5ms  
6M  
PC  
IP67  
1040mm  
90mm  
14point

**Bottom airbag sensor**

Response time  
Material



20ms  
PC



**buttons(in-out)**

**Push buttons(in-out)(Standard)**

Push button(standard)  
Ip grade  
Mechanical Life()



3 Point  
IP 54  
5,000,000cycle

**Contactless button(in-out)**

Signal  
Ip grade  
Mechanical Life(cycle)  
Detection range  
LED Indicator



1point  
IP 65  
1,500,000 cycle  
2-10 cm  
Blue LED: Standby / Green LED: Open

**Pull switch**

Signal  
Ip grade  
Mechanical Life(cycle)



1point  
IP 67  
1,500,000cycle

**Sensors(Optional)**

**EAGLE(BEA,Europe)**

Techonology  
Detection mode  
Mounting Height

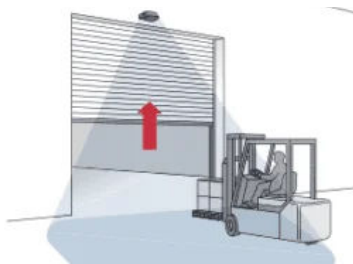


Microwave and microprocessor  
Motion  
1.5M~3.7M

Ip grade  
Material

### **FALCON(BEA,Europe)**

Technology  
Detection mode  
Mounting Height  
Ip grade  
Material

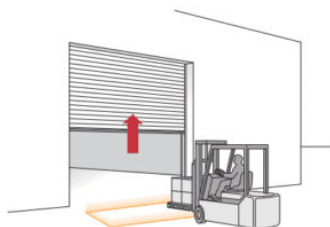


IP 54  
ABS

Microwave and microprocessor  
Motion  
3.5M~7M  
IP 65  
ABS

### **MATRIX(BEA,Europe)**

Technology  
Detection mode  
Mounting  
Ip grade  
Material



Inductive loop  
presence or pulse  
Under ground  
IP 65  
ABS

### **REMOTE(Sommer,German)**

Radio control system  
Radio commands  
Range  
Dimensions



SOMloq2  
FM 922.5 MHz  
Approx. 60 - 150 m (depending on the surroundings)  
79 × 26 × 13 mm

### **Bolt&Nut**

DIN 976-2 -M12x1.5 x 70  
DIN 6923 - M12  
ISO 4017 - M10 x 20  
M3x25 screw  
ISO 4017 - M10 x 20  
M3x25 screw

ISO/DIN Standard  
**Galvanized/Stainless**