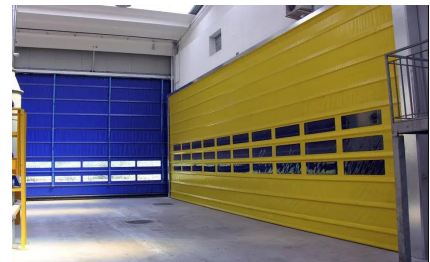
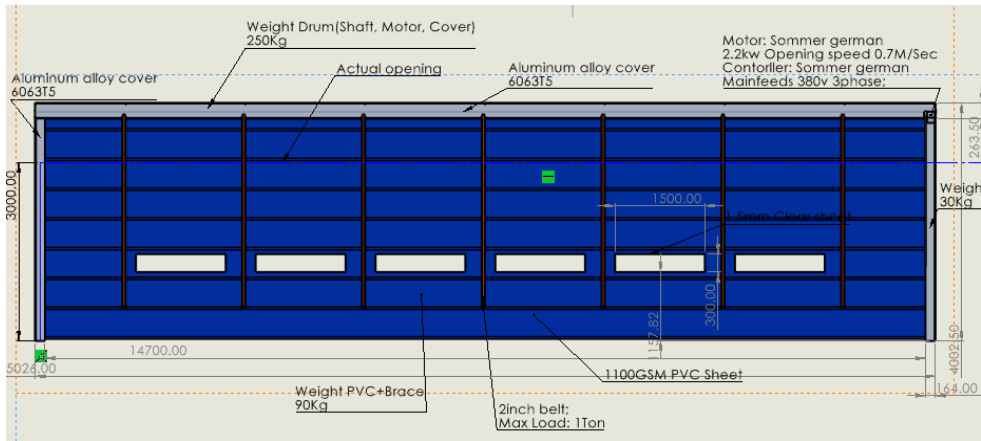


**OZ MEGA DOOR DATA SHEET**



**Door type**

OZ HSD MEGA

**Suitable application**

Interior/exterior

**Size**

Width(M)	Max 40M
Height(M)	Max 20M
Total door leaf weight	-

**Speed with control**

Max. opening(m/s)	300~1000mm/s (According to Motor Specification)
Closing approx(mm/s)	300~1000mm/s (According to Motor Specification)
Temperature range(°C)	-5~+60
Main power(V)	220 V single phase/ 380V 3Phase
Power frequency(Hz)	50/60hz
Rate output power(KW)	1.5KW ~2.2KW
IP degree	IP54
Resistance to wind load (EN 12424)	Class 2(Beaufort scale 5)
Thermal insulation(m²·K) (EN 13241-1, ISO 12567-1)	

1.2

**Emergency opening**

By Handle

**Perfect Warranty**

Hardware 2 Years/Motor 2 Years

**Servo control system**



**Motor**

Rated Output Power(KW)	1.5	2.2 or more
Dimension(L*W*H/mm)	522x130x200	622x150x222
Rated Speed(RPM)	2000	2000
Gear ratio	20~30(according to Clear Opening):1	20~30(according to Clear Opening):1
Limit Mode		Absolute Encoder
Self Locking Mode		Electro Mechanical Brake
Manual Release		Handle
Weight(net)(Kg)	17.3	25.3

**Control box**

Enclosure material	SPCC
Dimension(L*W*H)	340x195x95(125)(include E-STOP)
Rate output power(KW)	0.75~2.2
External power supply(VDC/A)	24/0.4
Weight(net)(Kg)	

3

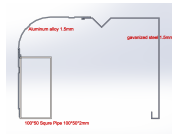
**Feature**

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

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

**FRAME**

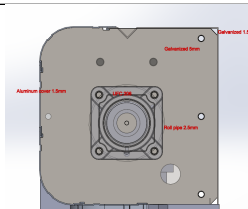
Frame  
Cover



Galvanized Structural 1.5mm square pipe 100\*50\*2mm  
Aluminum alloy 6063 T5 2m

**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, 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

**Belt**

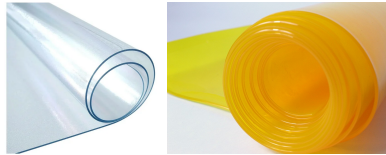
2Inch belt / MAX LOAD 2Ton/Orange

**PVC Clear**

Color

Material

Thickness(mm)



Clear/ Clear Yellow

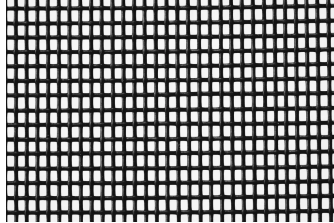
high-strength polyester canvas fabric,  
coated with polyvinyl chloride  
1.5mm

**PVC Mesh**

Color

Material

Hole Size



Black

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

**BRACER**

30mm round Galvanized pipe

**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**

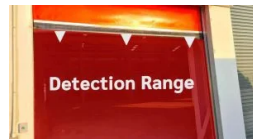
Response time  
Detection distance  
Material  
IP grade  
Scanning height  
Min detection object  
Optical axis



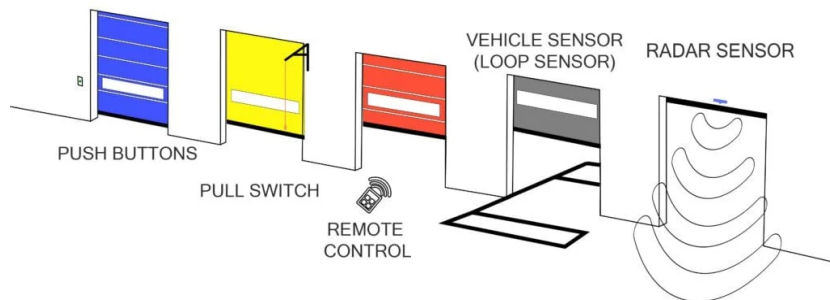
2.5ms  
6M  
PC  
IP67  
1040mm  
90mm  
14point

**Bottom airbag sensor**

Response time  
Material



20ms  
PC



**buttons(in-out)**

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

Push button(standard)  
Ip grade  
Mechanical Life(cycle)



3 Point  
IP 54

5000000

**Contactless button(in-out)**

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



1point  
IP 65  
100,000 tests in 3 months  
2-10 cm  
Blue LED: Standby / Green LED: Open

**Pull switch**

Signal  
Ip grade  
Mechanical Life(cycle)



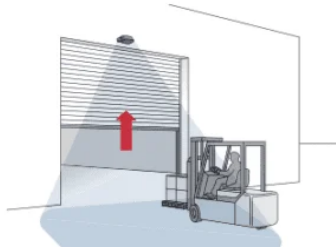
1point  
IP 67

1500000

**Sensors**

**EAGLE(BEA,Europe)**

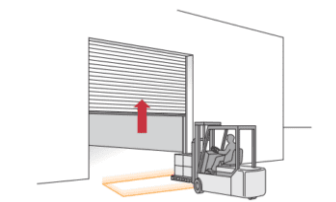
Techonology  
Detection mode  
Mounting Height  
Ip grade  
Material



Microwave and microprocessor  
Motion  
1.5M~3.7M  
IP 54  
ABS

**FALCON(BEA,Europe)**

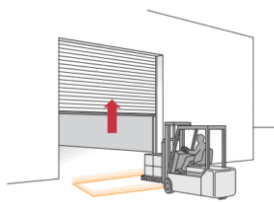
Techonology  
Detection mode  
Mounting Height  
Ip grade  
Material



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

**MATRIX(BEA,Europe)**

Techonology  
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/DIN Standard  
**Galvanized/Stainless**