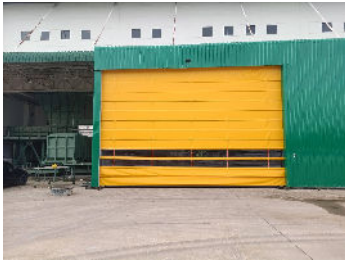
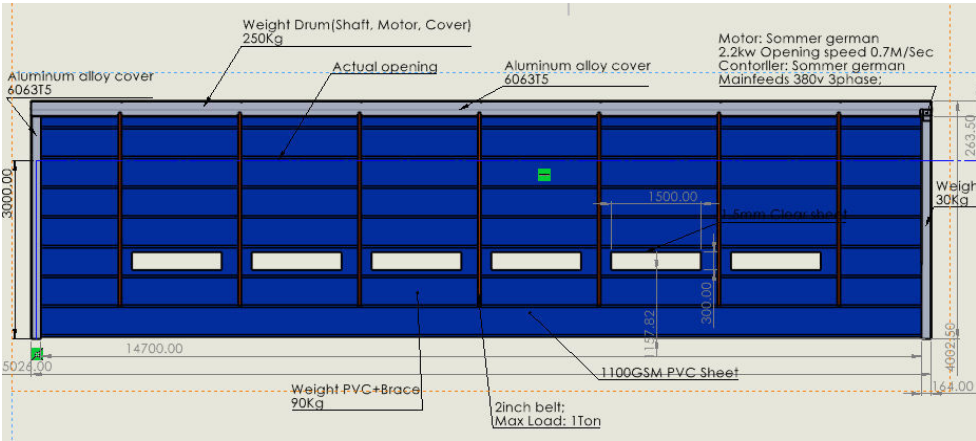


OZ HSD FOLD-UP DATA SHEET



Door type	OZ HSD MEGA
Suitable application	Interior/exterior
Size	
Width	Max 40M
Height	Max 20M
Total door leaf weight	-
Speed with control	
Max. opening	300~1000mm/s (According to Motor Specification)
Closing approx	300~1000mm/s (According to Motor Specification)
Temperature range	-5~+60°C
Main power	220 V single phase/ 380V 3Phase
Power frequency	50/60hz
Rate output power	1.5KW ~2.2KW
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	1.5KW	2.2 or more KW
Dimension(L*W*H/mm)	522x130x200	622x150x222
Rated Speed	2000RPM	2000RPM
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

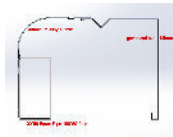
Feature

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

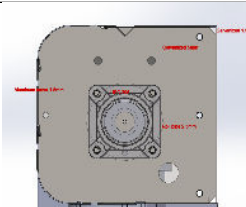
Frame
Cover



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

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
Weight(GMS)	
Surface treatment	EN ISO 2286-2
Thickness(mm)	
Tensile Strength(N/5cm)	DIN 53354
Tearing Strength(N/5cm)	DIN 53363
Peeling strength(N/5cm)	DIN 53357
Color Fastness	EN ISO 105 B02

high-strength polyester canvas fabric,
coated with polyvinyl chloride
1100(2000)
Double side PVC treatment
0.8(1.5)
4200(5300)
450(820)
120(150)
7~8

Fire retardant
Temperature range(°C)
Features: UV Treatment(No discolor), Waterproof, Anti-bacteria, Cold Resistance

DIN4102/GB8624
DIN EN 1876-1

B2 (B1)
-30~+70

Belt



2Inch belt / MAX LOAD 2Ton/Orange

PVC Clear

Color

Material

Thickness(mm)



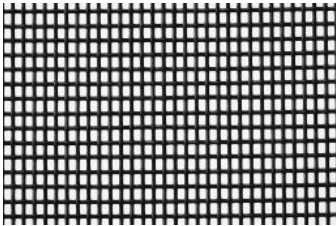
Clear/ Clear Yellow
high-strength polyester canvas fabric,
coated with polyvinyl chloride
1.5mm

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



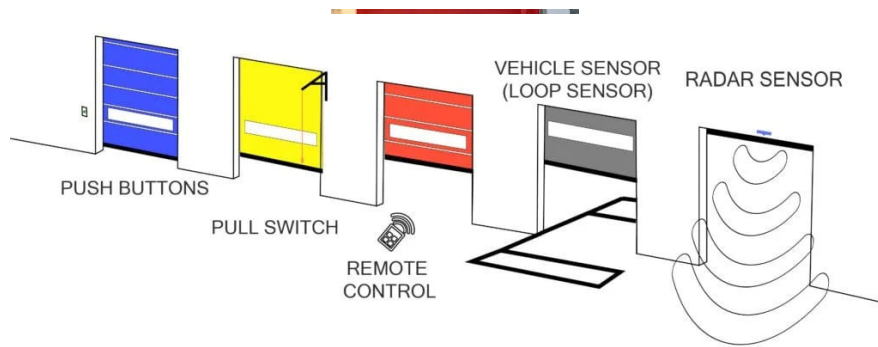
2.5ms
6M
PC
IP67
1040mm
90mm
14point

Bottom airbag sensor

Response time
Material



20ms
PC



buttons(in-out)

Push buttons(in-out)(Standard)

Push button(standard)
Ip grade
Mechanical Life()



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)

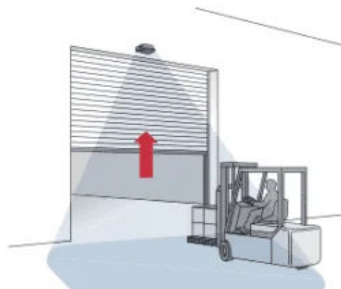


1point
IP 67
1,500,000cycle

Sensors(Optional)

EAGLE(BEA,Europe)

Technology
Detection mode
Mounting Height
Ip grade
Material



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

FALCON(BEA,Europe)

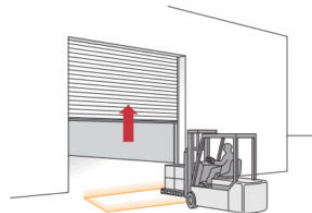
Technology
Detection mode
Mounting Height
Ip grade
Material



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	ISO/DIN Standard
M3x25 screw	Galvanized/Stainless
ISO 4017 - M10 x 20	
M3x25 screw	