

□ Break-Out Door System GBO-9XX Series

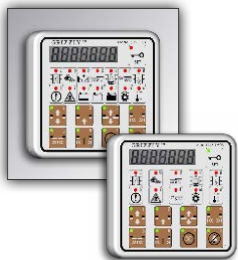
Grizzly's "Break-out System" allows for both doors and side-panels to swing outwards when pushed.

In case of emergency GBO-9XX Series allows not only the doors to swing open but the entire wall-opening to be cleared as an escape route. Break-Out doors are not only safe but also provide an extra level of convenience and adaptability.

As the leading manufacturer of operating units, we do not just provide a door but an entrance that will open up new prospects for your business. With a wide array of standard and optional features, Grizzly doors can be adapted and customized to provide the most complete Automated Door System available.

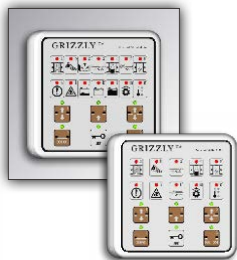
□ Detection & Function Box

SLB-DF04
with Battery Display



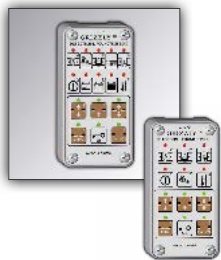
SLB-DF03

SLB-DF06
with Battery Display

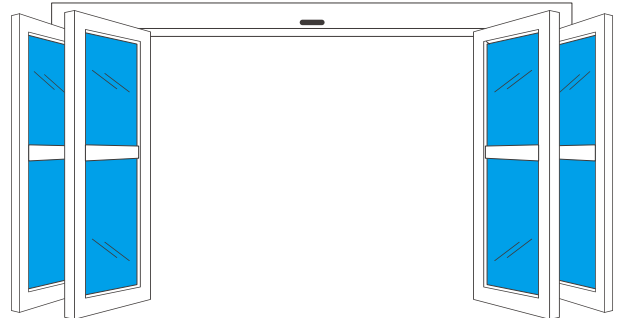


SLB-DF05

SLB-DF08
with Battery Display

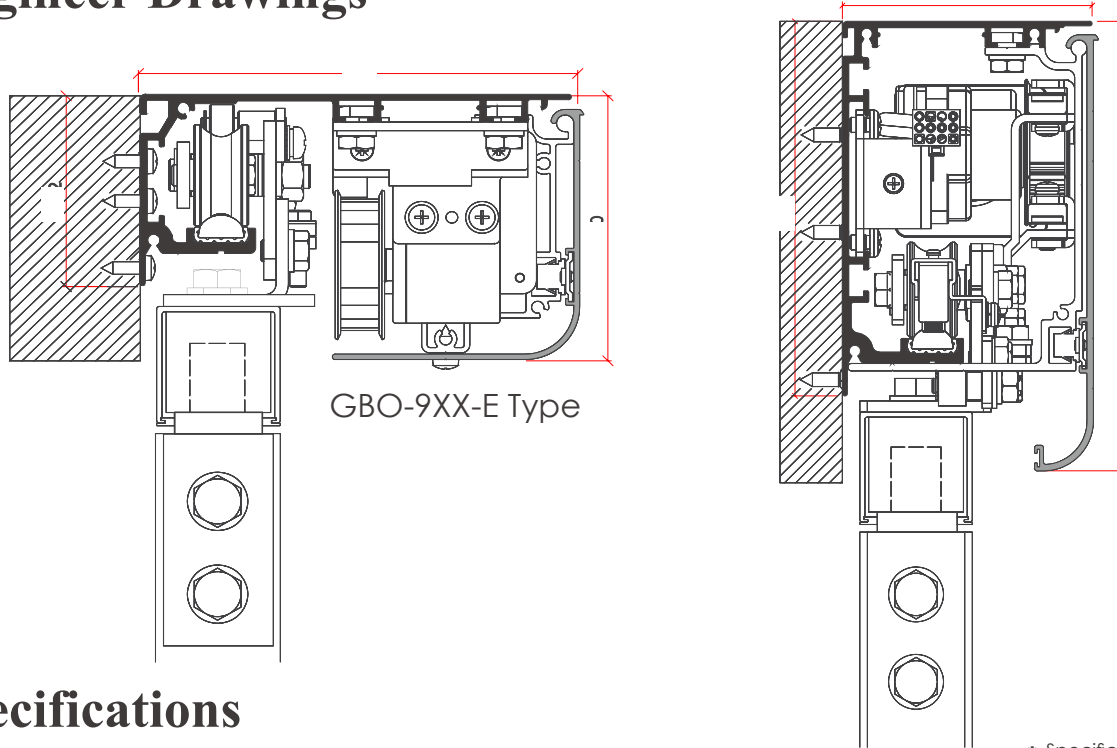


SLB-DF07



Break-Out GBO-9XX

□ Engineer Drawings



□ Specifications

* Specifications may change

| GBO - 9 50 M - S 1 2 3 4 5 | | 1. System : GBO = Break Out System 2. Series: 9 3. Speed: 50, 75, 100 cm/sec/leaf | | | 4. Weight : L=Light, M=Medium, H=Heavy 5. Door : Single or Bi-parting | | | | |
|---------------------------------|------------------------|---|-------------|-------------|--|-------------|-------------|-------------|-------------|
| System | | GBO-9XX | | | | | | | |
| Series Model No. | | GBO-950 L | GBO-950 M | GBO-950 H | GBO-975 L | GBO-975 M | GBO-975 H | GBO-9100 L | GBO-9100 M |
| Opening Speed (cm/sec/leaf) | | 50 | 50 | 50 | 45~75 | 45~75 | 45~75 | 45~100 | 45~100 |
| Closing Speed (cm/sec/leaf) | | 12~50 | 12~50 | 12~50 | 12~75 | 12~75 | 12~75 | 12~100 | 12~100 |
| Slow Speed (cm/sec/leaf) | | 4~6 | 4~6 | 4~6 | 4~6 | 4~6 | 4~6 | 4~6 | 4~6 |
| Timing Belt/S8M (mm) | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Motor | Rating Power (watt) | 40 | 60 | 80 | 60 | 80 | 100 | 80 | 100 |
| | Starting Power (watt) | 160 | 240 | 320 | 240 | 320 | 400 | 320 | 400 |
| Weight | Single (kg) | 90/120 | 120/150 | 150/180 | 90/120 | 120/150 | 150/180 | 90/120 | 120/150 |
| | Bi-parting (kg) | 60x2/75x2 | 90x2/105x2 | 120x2/135x2 | 60x2/75x2 | 90x2/105x2 | 120x2/135x2 | 60x2/75x2 | 90x2/105x2 |
| Door Width (cm/leaf) | | >60 | >60 | >60 | >80 | >80 | >80 | >100 | >100 |
| Hold Opening Time (sec) | | 0.5~20 | 0.5~20 | 0.5~20 | 0.5~20 | 0.5~20 | 0.5~20 | 0.5~20 | 0.5~20 |
| Temperature Range (°C) | | -20 ~ +60 | -20 ~ +60 | -20 ~ +60 | -20 ~ +60 | -20 ~ +60 | -20 ~ +60 | -20 ~ +60 | -20 ~ +60 |
| Terminal Unit (optional) | | All | All | All | All | All | All | All | All |
| Detection/Funct. Box (optional) | | SLB-DF03~08 | SLB-DF03~08 | SLB-DF03~08 | SLB-DF03~08 | SLB-DF03~08 | SLB-DF03~08 | SLB-DF03~08 | SLB-DF03~08 |
| Engine Case Structure | | Aluminum Hook Case with curved rail | | | Aluminum Hook Case + Anti-vibration | | | | |
| Dynamic Driving Block | | Permanent Magnet Brushless Motor with Twin Gear Decelerator (GS8060 models utilize single gear) | | | | | | | |
| Controller | | Digital MCU microprocessor & Variable Frequency Servo Control VFSC High Efficiency System. Build-in warning bell and Non-Mechanical Electronic Motor Lock with security support system. | | | | | | | |
| Hanger Seesaw Roller System | | 2 double bearing rollers with rail contact 'auto-balanced' mechanism & self-cleaning system. | | | | | | | |
| Manual Opening Force | | AUTO<7 kg/f (door pressed by force) Electronic Motor Lock >50kg/f (door counter resistant force/control panel adjustable) | | | | | | | |
| SAFE GLIDE | Full Range Reverse | Operates when gap of the closing door is <2cm | | | | | | | |
| | High Sensitive Reverse | Catchment force: 4~8kg measured by Push-Pull Scale at 15cm/sec closing speed | | | | | | | |

"Red Texts" Danger: Should the door overload, the speed will be much slower than the normal operating speed. Driving Block life cycle will be affected.

"All" Terminal Units: All models available for selection.