DEUTSCHTEC
Automatic Doors

www.deutschtec.de

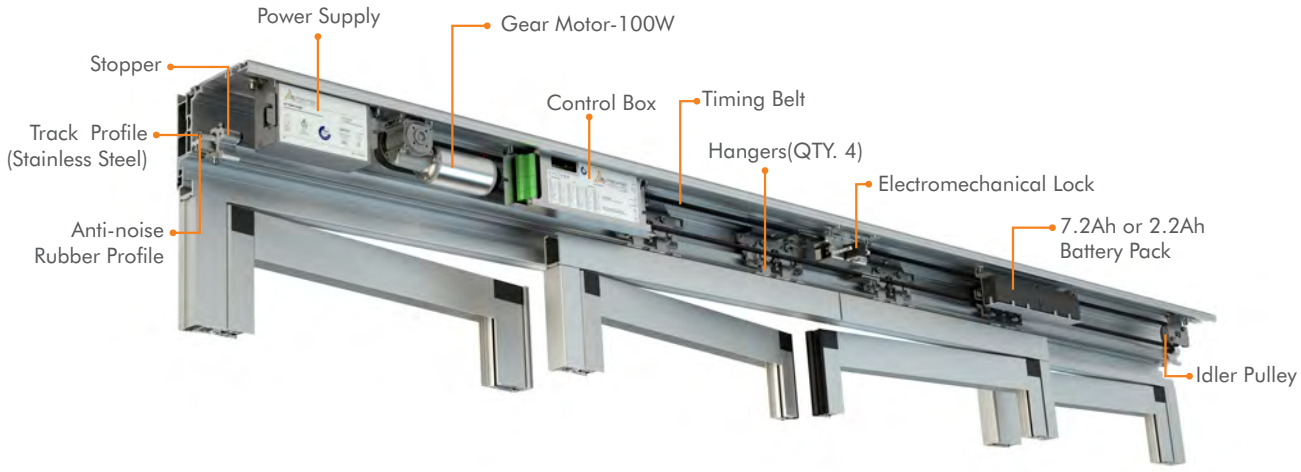
BO240

Automatic Sliding Door - Break out System

info@deutschtec.de

BO240

In times when a mechanical system for emergency exit is required or in places which there might be a need for full opening of the door, whether it is fixed or movable, to allow oversized objects to pass, Deutschtec collapsible BO 240 is the impeccable option. In case of emergency, by simply pushing the door forward, individuals are able to open both fixed and movable doors as swing ones.



Designed • Developed • Made in Germany

CONTROL UNIT

Meeting the following standards:

By drawing on the most advanced German engineering technology together with a fruitful collaboration with German electronic manufacturers, BO240's control unit has been made to respond to all European Union and German necessities such as machinery directive, electromagnetic compatibility (EMC) and low voltage directives. Moreover, its software and electronic design have met all relevant. German and European standards such as DIN18650, EN16005 and EN13849. These distinguishing features guarantee the highest levels of security and the most durable system. Furthermore, due to the use of sophisticated technologies to save energy and resources.

GEAR MOTOR

BO240 is driven by a highly powerful reliable electromotor made by German manufacturer. Having met various international standards, our motors are made service-free, sturdy and long-lasting.

Technical Detail	BO240
Opening width - single panel	800 - 1200 mm
Opening width - double panel	1000 - 2200 mm
Opening width - Break-out position	2500 - 4500 mm
Max leaf weight, single	1 x 200 kg
Max leaf weight, double	2 x 150 kg
Operator height	155 mm
Operator depth	160 mm
Opening speed	Variable up to 1.1m/s (Double leaves)
Closing speed	Variable up to 1.1m/s (Double leaves)
Hold-open time	0 - 30 s
Ambient temperature	-15 to +50°C
Protection class	IP 20
100% German-made operator kit	✓
Track profile	anti-crash stainless steel
Anti-noise rubber profile	✓
External protected power supply	✓
Power supply unit	230V/33V/50VA (Peak 120VA)
Gear motor power	100 W
Max power consumption	250 W
Max operation cycles with 2.2 Ah backup battery (Optional)	≈400
Max operation cycles with 7.2 Ah backup battery (Optional)	≈1000

Technical Detail	BO240
Possibility to use safety sensors with testing signal	✓
Possibility to adjust force limitation according to DIN18650 & EN 16005	✓
Mechanical key switch	✓
24V DC output for external accessories	✓
Power lock	✓
Possibility of using electro-mechanical lock (optional)	✓
Lock monitoring	✓
Possibility of using digital programme switch (optional)	✓
Read-out error memory with error codes (with digital programme switch)	✓
Programmable output (optional)	✓
Programmable input (optional)	✓
DMS (Optional)	✓

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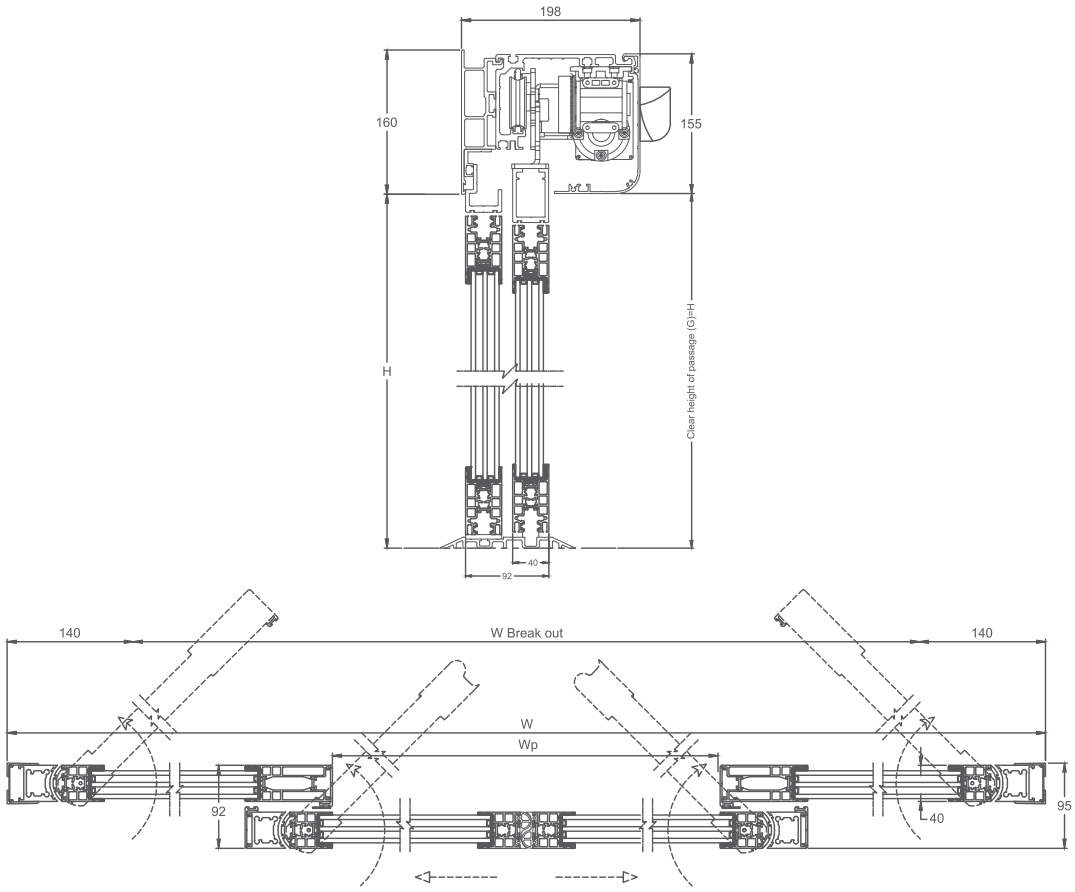
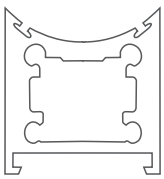
STANDARD

Standard	BO240
Compliant with german standard DIN 18650	✓
Compliant with EU standard EN 16005	✓
Compliant with EU standard EN 60335	✓
Compliant with EU standard EN ISO 13849-1	✓
Compliant with EU low-voltage directives	✓

Standard	BO240
Compliant with EU EMC directives	✓
Manufactured according to ISO 9001	✓
TÜV approved	-
CE conformity	✓
Tested for 1.000.000 cycles	✓

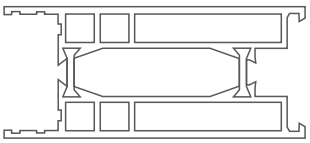


FRAMES

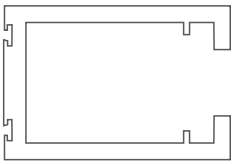


Side Profile

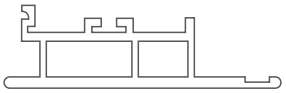
Cap Profile



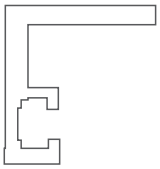
Main Profile



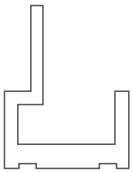
Assembly movable Profile



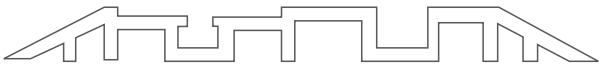
Base Profile



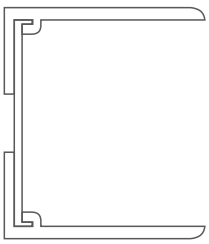
Fix Horizontal 1



Fix Horizontal 2

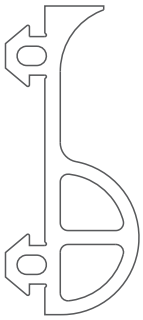


Bottom Rail



Side vertical profile

vertical profile cover



THB

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