

Product data sheet

Powerturn



Electromechanical swing door drive for single leaf doors
weighing up to 600 kg

AREAS OF APPLICATION

- Right and left single leaf single-action doors
- Single-action doors up to 1600 mm leaf width or 600 kg weight
- Minimum leaf width 800 mm
- Interior and exterior doors with high access frequency
- Door leaf installation and transom installation



PRODUCT FEATURES

- Smart swing function for easy manual door opening
- Closing force of EN4-7 with variable adjustment
- Opening and closing speed can be individually adjusted
- Mechanical latching action when operated without current, and electrical automatic unit latching action in regular operation, which accelerates the door shortly before the closed position
- Low-energy function opens and closes the door with reduced speed, fulfilling the highest safety requirements
- Servo function for motorized support when manually opening the door
- Vestibule function controls the opening and closing of two consecutive doors (interlocking door system)
- Obstacle detection detects obstacles through contact and stops the opening or closing process
- Automatic reversing detects an obstacle and returns to the opening position
- Push & Go function triggers the automatic drive components following light manual pressure on the door leaf
- Drive can be used with roller guide rail or link arm
- Optional radio board for wireless activation by radio transmitter

TECHNICAL DATA

Productname	Powerturn
Height	70 mm
Width	720 mm
Depth	130 mm
Leaf weight (max.)	600 kg
Hinge clearance (min.-max.) 2-leaf, link arm	1600 mm - 3200 mm
Hinge clearance (min.-max.) 2-leaf, roller guide rail	1600 mm - 3200 mm
Leaf width (min.-max.)	800 mm - 1600 mm
Reveal depth (max.)	560 mm
Drive type	Electromechanical
Opening angle (max.)	136 °
Spring pre-load	EN4 - EN7
DIN left	Yes
DIN right	Yes
Transom installation opposite hinge side with link arm	Yes
Transom installation opposite hinge side with roller guide rail	Yes
Transom installation hinge side with roller guide rail	Yes
Door leaf installation opposite hinge side with roller guide rail	Yes
Door leaf installation hinge side with roller guide rail	Yes
Door leaf installation hinge side with link arm	Yes
Mechanical latching action	Yes

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Electrical latching action	Yes
Electrical closing sequence control	Yes
Mechanical closing sequence control	Yes
Disconnection from mains	Main switch in the drive
Activation delay (max.)	10 s
Operating voltage	230 V
Frequency of supply voltage	50 Hz
Power rating	200 W
Power supply for external devices	1200 mA
Operating temperature	-15 °C - 50 °C
IP rating	IP30
Modes of operation	Automatic, Night, Permanently open, Shop closing, Off
Type of function	Fully automatic
Automatic function	Yes
Low-energy function	Yes
Smart swing	Yes
Servo function	Yes
Key function	Yes
Vestibule function	Yes
Obstacle detection	Yes
Automatic reversing	Yes
Push & Go	adjustable
Operation	GEZEconnects (PC + Bluetooth), ST 220 service terminal, Programme switch DPS
Parameter setting	GEZEconnects (PC + Bluetooth), ST 220 service terminal, Programme switch DPS
CAN interface	Optional
Approvals	DIN 18650, EN 16005

VARIANTS / ORDER INFO

Name	Description	Ident-No.	Dimensions	Operating voltage	Leaf width (min.)
GEZE Powerturn	Fully automatic swing door drive for 1- and 2-leaf single-action doors	154920	720 x 70 x 130 mm	230 V	800 mm
Powerturn	Electro-mechanical swing door drive for 1- and 2-leaf single-action doors	153065	720 x 70 x 130 mm	230 V	800 mm

ACCESSORY

GC 342

Laser scanner for the protection of automatic swing doors with integrated object and wall blanking



Name	Description	Ident-No.	Colour	Dimensions	Operating voltage
GC 342 (left module)	consisting of sensor module, cable and accessories	167433	white RAL 9016	143 x 86 x 40 mm	24 V
GC 342 (right module)	consisting of sensor module, cable and accessories	167435	black	143 x 86 x 40 mm	24 V
GC 342 (left module)	consisting of sensor module, cable and accessories	167434	stainless steel optic	143 x 86 x 40 mm	24 V
GC 342 (left module)	consisting of sensor module, cable and accessories	167432	black	143 x 86 x 40 mm	24 V
GC 342 Kit	comprising two sensors for securing the swivelling range of automatic swing doors in accordance with DIN 18650 / EN 16005	167439	white RAL 9016	143 x 86 x 40 mm	24 V
GC 342 (right module)	consisting of sensor module, cable and accessories	167437	stainless steel optic	143 x 86 x 40 mm	24 V
GC 342 Kit	comprising two sensors for securing the swivelling range of automatic swing doors in accordance with DIN 18650 / EN 16005	167438	black	143 x 86 x 40 mm	24 V
GC 342 (right module)	consisting of sensor module, cable and accessories	167436	white RAL 9016	143 x 86 x 40 mm	24 V
GC 342 Kit	comprising two sensors for securing the swivelling range of automatic swing doors in accordance with DIN 18650 / EN 16005	167440	stainless steel optic	143 x 86 x 40 mm	24 V