

## iMotion® 1401 Swing Door Drive



intelligent



modular



ecological



reliable

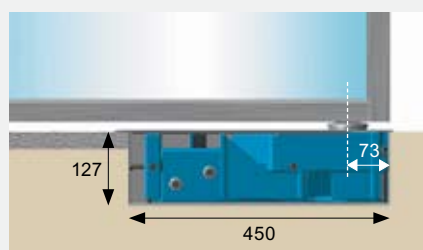
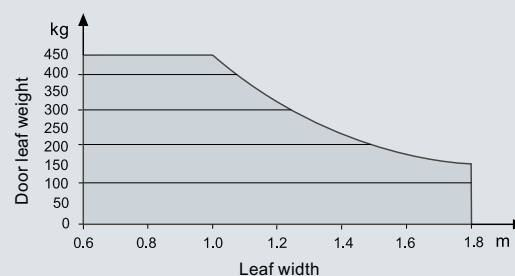


economical

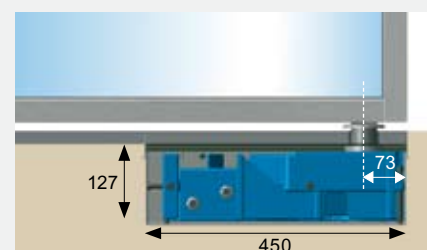
<b>Areas of application</b>	External and internal doors
<b>Drive type</b>	Motor opening, spring closing; spring opening, motor closing
<b>Motor</b>	AC permanent magnet, synchronous motor
<b>Control system</b>	Micro-processor (32 Bit/ 30 MHz)
<b>Mains connection</b>	1 × 230 / 1 × 115 V AC, 50 ... 60 Hz, 10 A
<b>Power consumption</b>	4 ... 250 W
<b>Inputs</b>	8 programmable inputs, of which 4 testable safety features, expandable by modules
<b>Outputs</b>	3 programmable, short circuit-proof, expandable by modules
<b>Sensor power supply</b>	24 V DC / 36 W / 1.5 A
<b>Electric latch</b>	6 ... 24 V DC / max. 24 W, max. 2 A
<b>Interfaces</b>	RS232, LIN Bus, CAN Bus
<b>Approvals</b>	CE incl. RoHS, TÜV, ETL
<b>Standards</b>	DIN 18650, EN 60335-1, EN 61000-6-2, EN 61000-6-3, UL 325
<b>Durability</b>	Class 3 to DIN 18650-1: 2005
<b>Protective class (drive)</b>	IP 67
<b>Ambient temperature</b>	-20 °C to +50 °C
<b>Operating modes</b>	Off, automatic 1, automatic 2, exit, open, manual operation
<b>Operation</b>	7 segment user interface, 3 position switch, key switch
<b>Installation location</b>	Invisible, installed in the floor
<b>Double leaf doors</b>	Master-Slave

<b>Dimensions</b>	450 × 293 × 127 mm
<b>Tare weight</b>	39 kg
<b>Door sizes to DIN 1154 (Power-free closing function)</b>	Up to 6
<b>Inertia, door leaf</b>	150 kg m <sup>2</sup>
<b>Angle of opening</b>	0 ... 100° infinitely variable
<b>Opening speed</b>	Can be set up to a max. of 45°/s
<b>Closing speed</b>	Can be set up to a max. of 45°/s
<b>Hold open time</b>	0 ... 60 s; permanently open

### Maximum door leaf weights



Installation with stainless steel cover-plate



Installation with floor cover