Door automation solutions
Parvalux provides an exciting range of motors for manufacturers of automatic door and gate opening systems. Our motors are used in hundreds of applications worldwide and are reliable, dependable and affordable.

Whether your requirement is for automatic sliding doors, gate opening systems or electric garage doors, we can quickly customize our products to suit your specifications or develop a completely customized drive system.
A true British manufacturing success story, Parvalux is the UK’s largest fractional horsepower electric motor manufacturer and supplier with state-of-the-art manufacturing and service facilities.

We have over 70 years’ experience creating the perfect combination of motor and gearbox to match our customers’ applications and we offer thousands of standard AC, DC brushed and DC brushless electric motor options. We can easily customize any motor or gearbox to meet your exact requirements. Our design team can help you select, modify or custom build your geared motor solution to ensure you gain a competitive advantage in your market.

Our products are found in hundreds of applications worldwide; but we are particularly strong in industrial automation, e-mobility, transportation, logistics and a wide range of medical equipment. Parvalux is a maxon company, meaning that we have representation on every continent and the backing of one of the finest technical teams on the planet.

In addition to a huge range of standard products we also offer customized and fully-custom design options to ensure you have a geared motor solution to meet the needs of your application.

To find out more about the Parvalux product range, please visit www.parvalux.com.

Precision Drive Systems

In 2018 Parvalux was acquired by Swiss motor manufacturer, maxon. Their brushless and brushed DC motors with ironless windings are among the best in the world, with flat motors with iron cores completing their modular product portfolio.

maxon’s modular system includes planetary and spur gearheads, spindle drives, as well as encoders and control electronics.
**Rail access**

Parvalux products are found in various applications throughout the rail industry; from the automated doors on the train itself, to platform equipment and ticket barriers throughout the station, our motors make sure your trip from A to B runs as smoothly as possible.

**Elevator/lift access**

Parvalux recognizes that safety is a key factor in the automation of elevator doors, and it’s the reliability of our motors that ensures that we get it right on so many levels.

**Home access**

We know security is of paramount importance in your home. Our ability to provide the reliable operation in a range of environmental conditions means Parvalux geared motors are perfectly suited for automatic gates and garage doors wherever you may live.
### Technical data

<table>
<thead>
<tr>
<th></th>
<th>BLx60-70</th>
<th>BLx60-90</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Motor</td>
<td>BLx60-70</td>
<td>BLx60-90</td>
</tr>
<tr>
<td>2 Voltage</td>
<td>V</td>
<td>24 - 48</td>
</tr>
<tr>
<td>3 Maximum power</td>
<td>hp</td>
<td>0.070</td>
</tr>
<tr>
<td>4 Nominal speed</td>
<td>rpm</td>
<td>330</td>
</tr>
<tr>
<td>5 Nominal torque</td>
<td>Lb-in</td>
<td>10.6</td>
</tr>
<tr>
<td>6 Peak torque</td>
<td>Lb-in</td>
<td>31.0</td>
</tr>
<tr>
<td>7 Gearbox axial load</td>
<td>N</td>
<td>300</td>
</tr>
<tr>
<td>8 Gearbox radial load</td>
<td>N</td>
<td>400</td>
</tr>
<tr>
<td>9 Gearbox efficiency</td>
<td>%</td>
<td>80</td>
</tr>
<tr>
<td>10 Gearbox ratio</td>
<td>i</td>
<td>10</td>
</tr>
<tr>
<td>11 Motor length</td>
<td>in.</td>
<td>2.76</td>
</tr>
</tbody>
</table>

### Accessories

- **Brake**
  - Power on: 1.55
  - Power off: 1.26
- **Encoder**
  - Low resolution: 4 - 48 ppr
  - High resolution incremental: 4 - 4096 ppr
  - High resolution absolute: 4 - 4096 ppr
- **Gearbox**
  - Shaft attachments: pulleys, cogwheels, etc.
**Technical data**

1. **Motor**: BLx70-92
2. **Voltage**: V 12 - 48
3. **Maximum power**: hp 0.295
4. **Nominal speed**: rpm 330
5. **Nominal torque**: Lb-in 44.3
6. **Peak torque**: Lb-in 194.7
7. **Gearbox axial load**: N 300
8. **Gearbox radial load**: N 500
9. **Gearbox efficiency**: % 90
10. **Gearbox ratio**: :1 12.5
11. **Motor length**: in. 3.62

**Accessories**

- **Brake**: Power on 1.55, Power off 1.26
- **Encoder**: Low resolution 4 - 48 ppr, High resolution incremental 4 - 4096 ppr, High resolution absolute 4 - 4096 ppr
- **Gearbox**: Shaft attachments; pulleys, coge, etc.

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**Technical data**

1. **Motor**: PM70-146
2. **Voltage**: V 12 - 48
3. **Maximum power**: hp 0.295
4. **Nominal speed**: rpm 330
5. **Nominal torque**: Lb-in 44.3
6. **Peak torque**: Lb-in 194.7
7. **Gearbox axial load**: N 300
8. **Gearbox radial load**: N 500
9. **Gearbox efficiency**: % 90
10. **Gearbox ratio**: :1 12.5
11. **Motor length**: in. 5.75

**Accessories**

- **Brake**: Power on 1.55, Power off 1.26
- **Encoder**: Low resolution 4 - 48 ppr, High resolution incremental 4 - 4096 ppr, High resolution absolute 4 - 4096 ppr
- **Gearbox**: Shaft attachments; pulleys, coge, etc.
**PM90-GB9**  Brushed right-angle geared motor

**BLx86-GB9**  Brushless right-angle geared motor

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### Technical data

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</tr>
<tr>
<td><strong>11 Motor length</strong></td>
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</tr>
</tbody>
</table>

### Accessories

- **Brake**
  - Power on: 1.55
  - Power off: 1.26

- **Encoder**
  - Low resolution: 4 - 40
  - High resolution incremental: 4 - 4000
  - High resolution absolute: 4 - 4000

- **Gearbox**
  - Shaft attachments; pulleys, cog, etc.

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**Accessories**

- **Brake**
  - Power on: 1.55
  - Power off: 1.26

- **Encoder**
  - Low resolution: 4 - 40
  - High resolution incremental: 4 - 4000
  - High resolution absolute: 4 - 4000

- **Gearbox**
  - Shaft attachments; pulleys, cog, etc.
Made in the UK...

...Available Worldwide

**America**
- USA (East Coast)
  - Contact: sales.us@maxongroup.com
  - Address: 2860 Zanker Rd., Suite 107, San Jose, CA 95124, USA
  - Phone: +1/508-916-8820
- USA (West Coast)
  - Contact: sales.us@maxongroup.com
  - Address: 2860 Zanker Rd., Suite 107, San Jose, CA 95124, USA
  - Phone: +1/508-916-8820

**Europe / Middle-East / Africa**
- Austria, Hungary, Slovenia, Romania, Croatia, Serbia, and Bulgaria
  - Contact: sales@maxongroup.com
  - Address: Maxon 104/13B, 324 08 Brno, Czech Republic
  - Phone: +420-541-210-538
- Czech Republic and Slovakia
  - Contact: sales@maxongroup.com
  - Address: Maxon 104/13B, 324 08 Brno, Czech Republic
  - Phone: +420-541-210-538
- Denmark
  - Contact: sales@maxongroup.com
  - Address: Maxon 104/13B, 324 08 Brno, Czech Republic
  - Phone: +420-541-210-538
- Finland, Estonia, Latvia, and Lithuania
  - Contact: sales@maxongroup.com
  - Address: Maxon 104/13B, 324 08 Brno, Czech Republic
  - Phone: +420-541-210-538
- France
  - Contact: sales@maxongroup.com
  - Address: Maxon 104/13B, 324 08 Brno, Czech Republic
  - Phone: +420-541-210-538
- Germany
  - Contact: sales@maxongroup.com
  - Address: Maxon 104/13B, 324 08 Brno, Czech Republic
  - Phone: +420-541-210-538
- Great Britain and Ireland
  - Contact: sales@maxongroup.com
  - Address: Maxon 104/13B, 324 08 Brno, Czech Republic
  - Phone: +420-541-210-538
- Israel
  - Contact: sales@maxongroup.com
  - Address: Maxon 104/13B, 324 08 Brno, Czech Republic
  - Phone: +420-541-210-538
- Italy
  - Contact: sales@maxongroup.com
  - Address: Maxon 104/13B, 324 08 Brno, Czech Republic
  - Phone: +420-541-210-538

**Asia**
- China
  - Contact: sales.cn@maxongroup.com
  - Address: No. 1128, East Jiangxing Road, Wujiang Economic Developing Zone, 215200 Suzhou, Jiangsu Province, China
  - Phone: +86-512-8227-8187
- India
  - Contact: sales.in@maxongroup.com
  - Address: 094, India
  - Phone: +91 80417 34132
- Japan
  - Contact: sales.jp@maxongroup.com
  - Address: 5-1-15 Shinjuku, Shinjuku-Ku, Tokyo 160-0022, Japan
  - Phone: +81/3 - 3350 42 61
- Korea
  - Contact: sales.kr@maxongroup.com
  - Address: Box 1158, Solna Strandväg 116, 171 54 Solna, Sweden
  - Phone: +46/8 - 635 60 00
- Malaysia
  - Contact: sales.malaysia@maxongroup.com
  - Address: No. 15 G, Ground Floor, Highway Center, Jalan 51/205, 46050 Petaling Jaya, Selangor Darul Ehsan, Malaysia
  - Phone: +603-7782 3540
- Singapore
  - Contact: sales.sg@maxongroup.com
  - Address: No. 10, 10th Floor, 79 Shenton Way, 06-01/02, Singapore 068808
  - Phone: +65/9162-4828
- Taiwan
  - Contact: sales.tw@maxongroup.com
  - Address: 241, Taiwan (R.O.C.)
  - Phone: +886-2-2999-3558
- Thailand
  - Contact: sales.th@maxongroup.com
  - Address: 6F.-7 No. 16, Lane 801, Sec. 5, Chongxin Rd., Sanchong Dist., New Taipei City 215, Taiwan (R.O.C.)
  - Phone: +886-2-2999-3558
- Thailand
  - Contact: sales.th@maxongroup.com
  - Address: 6F.-7 No. 16, Lane 801, Sec. 5, Chongxin Rd., Sanchong Dist., New Taipei City 215, Taiwan (R.O.C.)
  - Phone: +886-2-2999-3558

**Parvalux products are used in a range of different industries all over the world, so it’s important that we can support you wherever you may be.**

Our global network ensures that we can answer your questions quickly and clearly, and, of course, get your order to you as soon as possible.