**XDS Dry Scroll Pumps**

BOC Edwards is a world leader in process equipment, materials and services for electronics, industrial and scientific applications. Our aim is to offer customers solutions that result in a measurable improvement in productivity.

### BOC Edwards Products and Services

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<td>XDS35i 100-120/200-230V 50/60Hz set to 230v</td>
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<td>Cord Set</td>
<td>UK, three pin plug</td>
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<td>for XDS35i</td>
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<td>Tip seal kit</td>
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<td>Reducing piece NW40/25</td>
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<td>Centering ring &amp; Oring NW25</td>
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<td>Clamp - NW25</td>
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**Accessories**

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<td>XDS5 1ph, 115V/230V 50/60Hz set to 115V</td>
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<td>for XDS5 and XDS10</td>
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<td>Spare Parts</td>
<td>Tip seal kit</td>
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**Description**

Ordering Number

- XDS10
- Cord Set
- Silencer
- Vibration Isolators
- Spare Parts
- Gas Ballast Adaptor

**Accessories**

- XDS35i
- Cord Set
- Silencer
- Vibration Isolators
- Spare Parts
- Gas Ballast Adaptor

**Description**

Ordering Number

- XDS5
- Cord Set
- Silencer
- Vibration Isolators
- Spare Parts
- Gas Ballast Adaptor
BOC Edwards' 30 years of experience in scientific applications affords us a deep understanding of research practices and the critical role that vacuum plays within them. From this knowledge, we develop and support innovative vacuum products that underpin the customer's entire research process.

The XDS range is a unique award-winning dry pumping technology. It is designed to provide a robust and clean dry-pumping solution for all applications.

**Integral IEC 60320 connector**
- No customer wiring
- Easy of control

**Motor on/off switch**
- Motor rating
  - 1 phase (nominal) 60 W
  - 3 phase W
- Nominal rotation speed
  - 60 rpm 1800
  - 50 rpm 1500

**Pancake motor**
- Unique design, low power
- Compact product, low noise levels

**Patented bearing shield**
- Totally clean and dry vacuum
- No bearings or grease in the vacuum space
- No shaft seals, no bearing purges
- Simple single sided scroll design
- Tip seal change in 20 minutes
- No special tools required

**Inverter driven motor (XDS35i)**
- World-class voltage, low power consumption
- Pump overload protection
- Remote on/off control capability
- Remote speed selection capability

**All pumps externally approved to EN60335-1, CSA C22.2 No.8, UL 60335 standards**
- Ease of incorporating pump into approved systems, safe product

**Manufactured under ISO 9001 standard**
- High quality product

**Manufactured under ISO 14001 standard**
- Environmentally friendly processes

### Typical Applications

- **Instrumentation**
- **XDS5**
- **XDS10**
- **XDS35i**

- **Integral IEC 60320 connector**
- **Motor on/off switch**
- **Dual voltage/frequency motor with external change-over switch**
- **Selectable gas ballast position**
- **Integral IEC 60320 connector**

- **Integral IEC 60320 connector**
- **Motor on/off switch**
- **Dual voltage/frequency motor with external change-over switch**
- **Selectable gas ballast position**

- **Typical Applications**
  - Instrumentation
  - XDS5
  - XDS10
  - XDS35i

- **Unique design that sets the industry standard**

### Dimensions

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
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<tbody>
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<td>180</td>
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<td>XDS10</td>
<td>226</td>
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<td>250</td>
<td>190</td>
<td>200</td>
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<tr>
<td>XDS35i</td>
<td>276</td>
<td>290</td>
<td>397</td>
<td>212</td>
<td>195</td>
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</table>

### Specifications

- **Vacuum Data**
  - Peak pumping speed
    - 1,260 cfm
  - Water vapor tolerance
    - 38 mbar

- **Motor Data**
  - Motor rating
    - 1 phase (nominal) 60 W
    - 3 phase W
  - Nominal rotation speed
    - 60 rpm 1800

- **Physical Data**
  - Width
    - 9.8 inch 249 mm

### Award winning

- **Millennium R&D Magazine 100 Award Winner**

### Notes:
1. XDS35i is inverter controlled, pre-set to 60 Hz
2. Pumping speed measured to PNEUROP 6602
3. Contact BOC Edwards
4. XDS5/10 at 50 Hz. XDS35i at 60 Hz.