DESCRIPTION

- Fitted with the new Dpro controller
- Thermal protection in the motor winding
- Built on inverter
- Integrated safety catch independent of rotary frequency and positions
- Solid housing made from cast aluminium
- Wear resistant, low noise, phosphor bronze worm gears
- Emergency operation with crank handle
- Soft start and close feature, minimising damage to the door and wear to the motor
- Perfect for high use doors, or for doors controlling access to climate controlled areas, e.g. cold rooms and areas processing chemicals

HIGH SPEED MOTORS HDFI

<table>
<thead>
<tr>
<th>Stock Code</th>
<th>Description</th>
<th>HDFI 180 95 KU</th>
<th>HDFI 180 95 KU (11m)</th>
<th>HDFI 95 95 KU</th>
<th>HDFI 45 95 KU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock Code</td>
<td>HDFI 180 95 KU</td>
<td>HDFI 180 95 KU (11m)</td>
<td>HDFI 95 95 KU</td>
<td>HDFI 45 95 KU</td>
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</tr>
<tr>
<td>Description</td>
<td>HDFI 180 95 KU</td>
<td>HDFI 180 95 KU (11m)</td>
<td>HDFI 95 95 KU</td>
<td>HDFI 45 95 KU</td>
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<tr>
<td>Type</td>
<td>NDCK0644ELL</td>
<td>HFD-180-95 11M cable</td>
<td>NDCK0642ELL</td>
<td>NDCK0643ELL</td>
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<tr>
<td>Cable length (m)</td>
<td>5m</td>
<td>11m</td>
<td>5m</td>
<td>5m</td>
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<tr>
<td>Shaft (mm)</td>
<td>40mm</td>
<td>40mm</td>
<td>40mm</td>
<td>30mm</td>
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<tr>
<td>Max torque</td>
<td>180Nm</td>
<td>180Nm</td>
<td>95Nm</td>
<td>45Nm</td>
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<tr>
<td>Rated torque</td>
<td>150Nm</td>
<td>150Nm</td>
<td>90Nm</td>
<td>36Nm</td>
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<tr>
<td>Output (rpm)</td>
<td>95rpm @ 50Hz</td>
<td>95rpm @ 50Hz</td>
<td>95rpm @ 50Hz</td>
<td>95rpm @ 50Hz</td>
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</tr>
<tr>
<td>Motor power (Kw)</td>
<td>2.2kW</td>
<td>2.2kW</td>
<td>1.5kW</td>
<td>0.72kW</td>
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<tr>
<td>Current (Amps)</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>6</td>
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</tr>
<tr>
<td>Motor type</td>
<td>3~230VAC</td>
<td>3~230VAC</td>
<td>3~230VAC</td>
<td>3~230VAC</td>
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<tr>
<td>Limit turns</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>15</td>
<td></td>
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<tr>
<td>Working voltage</td>
<td>1ph~230V</td>
<td>1ph~230V</td>
<td>1ph~230V</td>
<td>1ph~230V</td>
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<tr>
<td>Duty cycle</td>
<td>S3-60%</td>
<td>S3-60%</td>
<td>S3-60%</td>
<td>S3-60%</td>
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</tr>
<tr>
<td>Noise (dBa)</td>
<td>&lt;70</td>
<td>&lt;70</td>
<td>&lt;70</td>
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<tr>
<td>Protection (IP)</td>
<td>IP54</td>
<td>IP54</td>
<td>IP54</td>
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<tr>
<td>Weight (Kg)</td>
<td>38kg</td>
<td>38kg</td>
<td>35kg</td>
<td>21kg</td>
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</tr>
</tbody>
</table>
**DESCRIPTION**

- Mains supply 1 phase 230V AC
- All panels have an emergency stop button on the front
- Programmable inputs and outputs
- Lid hinged on both sides
- Seven segment display mounted on the front panel to aid programming and fault finding

**Plugin boards**

- Multi-functional adaptor including Bluetooth connectivity (K63)
- Bluetooth connectivity via Smartphone App (Android only). Allows for set up of the DPro and inverter parameters enabling the user to view the error log
- Windows based PC software to allow remote control/access to the Dpro panel using an internet connection
- Firmware updates can be transferred from a PC using the USB interface to the Bluetooth adaptor
- Remote maintenance response access with K60 module (Opera-device monitoring and configuration system)

**WE ARE ALSO MANUFACTURERS AND SUPPLIERS OF:**

- FIRE SHUTTER OPERATORS
- SECTIONAL DOOR OPERATORS
- MECHANICAL EXTRAS
- TUBE MOTORS
- DIRECT DRIVE OPERATORS
- SLIDING DOOR GEAR
- REMOTE CONTROLS
- STARTERS

**D Pro Panel**

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