Parker P series
Direct Drive Rotary Motors
WARNING — USER RESPONSIBILITY

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

- This document and other information from Parker-Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.
- The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.
- To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.
Powerful Direct Drive Motors

Easy configuration
• once the motor is connected to P series drive it will automatically recognize the motor

Various control option
• Predefined Profile mode provides ideal indexing feature for your machine
• EtherCAT gives high speed communication for multi-axis solutions

SERVO DRIVE
Ideal direct drive solution for P series drive
- 100~400W : PD-04P & 04C
- 400~1kW : PD-10P & 10C
- 1kW~3.5kW : PD-35P & 35C

ENCODER
High resolution absolute feedback as standard (20 bit BiSS-C)

FRAME
5 frame size - 135mm/175mm/230mm/290mm/360mm various height is available as custom option
Rated speed : 200RPM / 150RPM

Pre-defined profile function with Parker Drive
• Available 64 profiles

## SERVO DRIVE
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## ENCODER
High resolution absolute feedback as standard (20 bit BiSS-C)

## FRAME
5 frame size - 135mm/175mm/230mm/290mm/360mm various height is available as custom option
Rated speed : 200RPM / 150RPM
## Basic specification

<table>
<thead>
<tr>
<th>Motor</th>
<th>PM-DBD</th>
<th>PM-DDC</th>
<th>PM-DDD</th>
<th>PM-DEE</th>
<th>PM-DDDF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>ø135</td>
<td>ø175</td>
<td>ø230</td>
<td>ø290</td>
<td>ø360</td>
</tr>
<tr>
<td>Rated Power</td>
<td>63</td>
<td>126</td>
<td>188</td>
<td>251</td>
<td>377</td>
</tr>
<tr>
<td>Rated Torque</td>
<td>3</td>
<td>6</td>
<td>9</td>
<td>12</td>
<td>18</td>
</tr>
<tr>
<td>Peak Torque</td>
<td>9</td>
<td>18</td>
<td>27</td>
<td>36</td>
<td>54</td>
</tr>
<tr>
<td>Rated Current</td>
<td>1.12</td>
<td>1.46</td>
<td>2.63</td>
<td>1.48</td>
<td>2.41</td>
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<tr>
<td>Peak Current</td>
<td>3.36</td>
<td>4.38</td>
<td>7.89</td>
<td>4.44</td>
<td>7.23</td>
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<tr>
<td>Rated Velocity</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>Max. Velocity</td>
<td>500</td>
<td>500</td>
<td>500</td>
<td>500</td>
<td>400</td>
</tr>
<tr>
<td>Torque Constant</td>
<td>2.76</td>
<td>4.25</td>
<td>3.57</td>
<td>4.18</td>
<td>5.13</td>
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<tr>
<td>Moment of Inertia</td>
<td>5.74</td>
<td>8.67</td>
<td>11.5</td>
<td>27.32</td>
<td>38.9</td>
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<tr>
<td>Power Rate</td>
<td>15.68</td>
<td>42.35</td>
<td>70.43</td>
<td>13.18</td>
<td>52.71</td>
</tr>
<tr>
<td>Angular Accel</td>
<td>191.2</td>
<td>141.6</td>
<td>127.7</td>
<td>455.03</td>
<td>323.9</td>
</tr>
<tr>
<td>Accuracy for ABS Position</td>
<td>±30</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accuracy for Repeatability</td>
<td>±1.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Axial run-out</td>
<td>0.015</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Radial run-out</td>
<td>0.03</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Allow. thrust load</td>
<td>1500</td>
<td>3300</td>
<td>4000</td>
<td>11000</td>
<td>15000</td>
</tr>
<tr>
<td>Allow. moment load</td>
<td>40</td>
<td>70</td>
<td>93</td>
<td>250</td>
<td>350</td>
</tr>
<tr>
<td>Encoder</td>
<td>20-bit single turn serial encoder (BiSS-C/Absolute)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight(Approx.)</td>
<td>6.3</td>
<td>7.2</td>
<td>9.2</td>
<td>8.7</td>
<td>10.6</td>
</tr>
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</table>

Parker P series Direct Drive Rotary Motors

Technical data
## Dimensions

<table>
<thead>
<tr>
<th>Product</th>
<th>Length (mm) ‘L’</th>
<th>Weight (Kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM-DDB03D</td>
<td>78</td>
<td>6.3</td>
</tr>
<tr>
<td>PM-DDB06D</td>
<td>100</td>
<td>7.2</td>
</tr>
<tr>
<td>PM-DDB09D</td>
<td>124</td>
<td>9.2</td>
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<table>
<thead>
<tr>
<th>Product</th>
<th>Length (mm) ‘L’</th>
<th>Weight (Kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM-DDC06D</td>
<td>77</td>
<td>8.7</td>
</tr>
<tr>
<td>PM-DDC12D</td>
<td>95</td>
<td>10.6</td>
</tr>
<tr>
<td>PM-DDC18D</td>
<td>113</td>
<td>12.6</td>
</tr>
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</table>
**Parker P series Direct Drive Rotary Motors**

**Technical data**

### Dimensions

#### Size D

<table>
<thead>
<tr>
<th>Product</th>
<th>Length (mm) ‘L’</th>
<th>Weight (Kg)</th>
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</thead>
<tbody>
<tr>
<td>PM-DDD12D</td>
<td>82.5</td>
<td>17.3</td>
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<tr>
<td>PM-DDD22D</td>
<td>100.5</td>
<td>19.6</td>
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<tr>
<td>PM-DDD34D</td>
<td>118.5</td>
<td>21.9</td>
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#### Size E

<table>
<thead>
<tr>
<th>Product</th>
<th>Length (mm) ‘L’</th>
<th>Weight (Kg)</th>
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</thead>
<tbody>
<tr>
<td>PM-DDE40D</td>
<td>95.4</td>
<td>28.2</td>
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<tr>
<td>PM-DDE60D</td>
<td>113.4</td>
<td>35</td>
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</tbody>
</table>
Dimensions

<table>
<thead>
<tr>
<th>Size F</th>
<th>Product</th>
<th>Length (mm) ‘L’</th>
<th>Weight (Kg)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>PM-DDFA1G</td>
<td>131</td>
<td>54</td>
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<tr>
<td></td>
<td>PM-DDFA6G</td>
<td>167</td>
<td>70.3</td>
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</table>

N-T curve

Size B

Size C
Parker P series Direct Drive Rotary Motors
Technical data

Size D

![Graph D12D](image)

![Graph D22D](image)

![Graph D34D](image)

Size E

![Graph E40D](image)

![Graph E60D](image)

Size F

![Graph F1G](image)

![Graph F6G](image)
## Parker P series Direct Drive Rotary Motors

### Ordering Code

**Motor**

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Code</th>
<th>Diameter size</th>
<th>Code</th>
<th>Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>DD</td>
<td>DD Motor</td>
<td>B</td>
<td>External Diameter 135mm</td>
<td>03</td>
<td>3Nm</td>
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<tr>
<td></td>
<td></td>
<td>C</td>
<td>External Diameter 175mm</td>
<td>06</td>
<td>6Nm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D</td>
<td>External Diameter 230mm</td>
<td>09</td>
<td>9Nm</td>
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<tr>
<td></td>
<td></td>
<td>E</td>
<td>External Diameter 290mm</td>
<td>60</td>
<td>60Nm</td>
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<tr>
<td></td>
<td></td>
<td>F</td>
<td>External Diameter 360mm</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A6</td>
<td>160Nm</td>
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</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Encoder</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>135</td>
<td>NO</td>
<td>20Bit, Single turn ABS, Biss-C Communication</td>
</tr>
<tr>
<td>175</td>
<td>20Bit</td>
<td></td>
</tr>
<tr>
<td>230</td>
<td>20Bit</td>
<td></td>
</tr>
<tr>
<td>290</td>
<td>20Bit</td>
<td></td>
</tr>
<tr>
<td>360</td>
<td>20Bit</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Rated Speed</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>200rpm</td>
<td>Standard, φ135~φ290 : 200rpm</td>
</tr>
<tr>
<td>G</td>
<td>150rpm</td>
<td>Standard, φ360 : 150rpm</td>
</tr>
</tbody>
</table>

### Cable

<table>
<thead>
<tr>
<th>Code</th>
<th>Cable</th>
<th>Code</th>
<th>Length</th>
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</thead>
<tbody>
<tr>
<td>APCS</td>
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<td>03</td>
<td>3m</td>
</tr>
<tr>
<td>APCS</td>
<td>Encode Feedback</td>
<td>05</td>
<td>5m</td>
</tr>
<tr>
<td></td>
<td>Motor Power</td>
<td>10</td>
<td>10m</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20</td>
<td>20m</td>
</tr>
</tbody>
</table>

**Option**

- ZS: Standard Feedback Cable
- Standard Power Cable (PM-DDF series)
- YS: Standard Power Cable (PM-DDB~E series)
At Parker, we're guided by a relentless drive to help our customers become more productive and achieve higher levels of profitability by engineering the best systems for their requirements. It means looking at customer applications from many angles to find new ways to create value. Whatever the motion and control technology need, Parker has the experience, breadth of product and global reach to consistently deliver. No company knows more about motion and control technology than Parker. For further information call: 1 800 C-Parker (1 800 272 7537)

**Motion & Control Technologies...**

**Aerospace**
- Aftermarket services
- Commercial transports
- Engines
- General & business aviation
- Helicopters
- Launch vehicle
- Military aircraft
- Missiles
- Power generation
- Regional transports
- Unmanned aerial vehicles

**Climate Control**
- Agriculture
- Air conditioning
- Construction machinery
- Food & beverage
- Industrial machinery
- Life sciences
- Oil & gas
- Precision cooling
- Process
- Refrigeration
- Transportation

**Electromechanical**
- Aerospace
- Factory automation
- Life science & medical
- Machine tools
- Packaging machinery
- Paper machinery
- Plastics machinery & converting
- Primary metals
- Semiconductor & electronics
- Textile
- Wire & cable

**Filtration**
- Aerospace
- Food & beverage
- Industrial plant & equipment
- Life sciences
- Marine
- Mobile equipment
- Oil & gas
- Power generation & renewable energy
- Process
- Transportation
- Water Purification

**Fluid & Gas Handling**
- Aerial lift
- Agriculture
- Bulk chemical handling
- Construction machinery
- Food & beverage
- Fuel & gas delivery
- Industrial machinery
- Life sciences
- Marine
- Mining
- Mobile
- Oil & gas
- Renewable energy
- Transportation

**Hydraulics**
- Aerial lift
- Agriculture
- Alternative energy
- Construction machinery
- Foresty
- Industrial machinery
- Machine tools
- Marine
- Material handling
- Mining
- Oil & gas
- Power generation
- Refuse vehicles
- Renewable energy
- Truck hydraulics
- T Turbo equipment

**Pneumatics**
- Air compressors
- Brass fittings & valves
- Manifolds
- Pneumatic accessories
- Pneumatic actuators & grippers
- Pneumatic valves & controls
- Quick disconnects
- Rotary actuators
- Rubber & thermoplastic hose & couplings
- Structural extrusions
- Thermostatic expansion valves

**Process Control**
- Alternative fuels
- Biopharmaceuticals
- Chemical & refining
- Food & beverage
- Marine & shipping
- Medical & dental
- Microelectronics
- Nuclear Power
- Offshore exploration
- Oil & gas
- Pharmaceutical
- Power generation
- Pumps & pumps
- Sensors
- Water/wastewater

**Sealing & Shielding**
- Aerospace
- Chemical process
- Consumer
- Fluid power
- General industrial
- Information technology
- Life sciences
- Microelectronics
- Military
- Oil & gas
- Power generation
- Renewable energy
- Telecommunications
- Transportation

**Key Products**
- Aerosol pumps & valves
- Analytical sample conditioning
- Controls
- Connectors for low pressure
- Fluid conveyance
- Deep sea umbilicals
- Diagnostic equipment
- Hose couplings
- Industrial hose
- Mooring systems & power cables
- PTFE hose & tubing
- Quick couplings
- Rubber & thermoplastic hose & tubing fittings & adapters
- Tubing & plastic fittings
- Thermostatic expansion valves
- Vacuum generators, cups & sensors
- Water/wastewater
- Sterile air filtration
- Water desalination & purification filters & systems
- Plastic machinery & converting
- Primary metals
- Semiconductor & electronics
- Textile
- Wire & cable
- Wire & cable
- Water Purification
- Water Purification
OFFER OF SALE

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1. Terms and Conditions. Seller’s willingness to offer Products, or accept an order for Products, is subject to the conditions set forth herein. No order will be accepted that deviates from these Terms and Conditions. Upon receipt of order, Seller reserves the right to review the order and makes no commitment or promise of sale until the order has been accepted by Seller. If Seller accepts the order, then it will be subject to all of the terms and conditions set forth herein. In the event of any discrepancy between the terms and conditions found on-line at www.parker.com/saleterms/ and these Terms and Conditions, the terms and conditions found on-line shall govern.

2. Price Adjustment. Prices stated on Seller’s quote or other documentation offered by Seller are valid for 30 days, and do not include any sales, use, or other taxes unless specifically stated. Unless otherwise specified by Seller, all prices are F.C.A. Seller’s facility (INCOTERMS 2010). Payment is subject to credit approval, and Seller reserves the right to refuse credit to any person or company, or to cancel any order in the event that it is unable to obtain payment for any reason, including but not limited to, collateral required by Seller’s Credit Department, after which Buyer shall pay interest on any unpaid invoices at the rate of 1.5% per month or the maximum allowable rate under applicable law.

3. Delivery Dates; Title and Risk; Shipment. All delivery dates are approximate and Seller shall not be responsible for any damages resulting from any delay. Regardless of the manner of shipment, title to any products and risk of loss or damage shall pass to Buyer upon placement of the products with the shipment carrier at Seller’s facility. Unless otherwise stated, Seller may exercise its judgment in choosing the carrier and means of delivery. No deferral of shipment at Buyers’ request beyond the respective dates indicated will be made except on terms that will indemnify, defend, and hold Seller harmless against any and all additional taxes or duties required by Seller’s Credit Department, after which Buyer shall pay interest on any unpaid invoices at the rate of 1.5% per month or the maximum allowable rate under applicable law.

4. Warranty. Seller warrants that the Products sold hereunder shall be free from defects in materials and workmanship for a period of twenty months from the date of delivery to Buyer or 2,000 hours of normal use, whichever occurs first. The prices charged for Seller’s products are based upon the exclusive limited warranty stated above, and upon the following disclaimer: DISCLAIMER OF WARRANTY. THIS LIMITED WARRANTY CONCEIVED OF A VARYING PROVISION PERTAINING TO PRODUCTS PROVIDED HEREUNDER. SELLER DISCLAIMS ALL OTHER WARRANTIES EXPRESS AND IMPLIED, INCLUDING DESIGN, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

5. Claims: Commencement of Actions. Buyer shall promptly inspect all Products upon delivery. No claims for shortages will be allowed unless reported to Seller within 10 days of delivery. No other claims against Seller will be allowed unless asserted in writing to Seller within 10 days after discovery of the alleged breach of warranty within 30 days after the date the defect is or should have been discovered by Buyer. Any action based upon breach of this agreement or upon any other claim arising out of this sale (other than an action by Seller for an arrearage in payment) must be commenced within 10 months from the date of the breach without regard to the date the defect is discovered.

6. LIMITATION OF LIABILITY. Upon notification, Seller will, at its option, REPAIR OR REPLACE A DEFECTIVE PRODUCT, OR REFUND THE PURCHASE PRICE. IN NO EVENT SHALL SELLER BE LIABLE TO BUYER FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF, OR AS THE RESULT OF, THE SALE, DELIVERY, NON-DELIVERY, SERVICING, USAGE OR LOSS OR LOSS OF USE OF THE PRODUCTS OR ANY PART THEREOF, OR FOR ANY OTHER LOSS OR DAMAGE OF ANY NATURE INCURRED WITHOUT SELLER’S WRITTEN CONSENT, EVEN IF SELLER HAS BEEN NEGLIGENT, WHETHER IN CONTRACT, TORT OR OTHERWISE, LEGAL THEORY. IN NO EVENT SHALL SELLER’S LIABILITY UNDER ANY CLAIM MADE BY BUYER EXCEED THE PURCHASE PRICE PAID OR TO BE PAID. THE FOREGOING LIMITATION OF LIABILITY SHALL APPLY REGARDLESS OF THE LEGAL THEORY OF THE CLAIM.

7. User Responsibility. The user, through its own analysis and testing, is solely responsible for making the final selection of the system and Product and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all the aspects of the application and follow applicable industry standards and Product information. If Seller provides Product or system options, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the Products or systems.

8. Loss to Buyer’s Property. Any designs, tools, patterns, materials, drawings, confidential information or equipment furnished by Buyer or any other items which become a part of, or are attached to, or are incorporated into the Products by Buyer after two consecutive years have elapsed without Buyer ordering the items manufactured using such property. Seller shall not be responsible for any loss or damage to such property while it is in Buyer’s possession or control.

9. Special Tools. A tooling change may be imposed for any special tooling, including without limitation, dies, fixtures, molds and patterns, acquired to manufacture Products. Such special tooling shall be and remain Seller’s property notwithstanding payment of any charges by Buyer. In no event will Buyer acquire any interest in any tooling relating to Seller’s design of the Products, even if such apparatus has been specially converted or adapted for such manufacture and notwithstanding any charges paid by Buyer. Unless otherwise agreed in writing, all special tooling shall remain the property of Buyer, or Seller’s employees or agents. Buyer agrees that they shall cooperate with the provisions of the U.S. Bankruptcy Act, the Bankruptcy and the Anti-Kickback Acts, and certifications that Buyer will adhere to the requirements thereof. In particular, Buyer represents and agrees that Buyer will disclose to the United States, and all other government department or agency having value, directly or indirectly to any governmental officials, any foreign political party or official thereof, any candidate for foreign political office, or any commercial entity or person, for the purpose of influencing such person to purchase products or otherwise benefit the business of Seller.

10. Improper use and Indemnity. Buyer shall indemnify, defend, and hold Seller harmless from any claim, liability, damages, lawsuits, and costs (including attorney fees), whether for personal injury, property damage, patent, trademark or copyright infringement or any other claim, brought by or incurred by Buyer, Buyer’s employees, or any other person or entity, for any improper use or application of any other misuse of Products purchased by Buyer from Seller; (b) any act or omission, negligent or otherwise, of Buyer; (c) Seller’s use of patterns, plans, drawings, or specifications furnished by Buyer to manufacture Product; or (d) Buyer’s failure to comply with these terms and conditions. Seller shall not indemnify Buyer under any circumstance except as otherwise provided.

11. Cancellations and Changes. Orders shall not be subject to cancellation or change by Buyer for any reason, except with Seller’s written consent and upon terms that will indemnify, defend, and hold Seller harmless against any and all additional charges or duties required by Seller’s Credit Department, after which Buyer shall pay interest on any unpaid invoices at the rate of 1.5% per month or the maximum allowable rate under applicable law.

12. Waiver and Severability. Failure to enforce any provision of this agreement will not waive that provision nor will any such failure prejudice Seller’s right to enforce that provision in the future. Invalidation of any provision of this agreement by legislation or other rule of law shall not invalidate any other provision herein. The remaining provisions of this agreement will remain in full force and effect.

13. Governing Law. This agreement and the sale and delivery of all Products hereunder shall be deemed to have taken place in and shall be governed and construed in accordance with the laws of the State of Ohio, the United States of America, and by wholly performed therein and without regard to conflicts of laws principles. Buyer irrevocably agrees and consents to the exclusive jurisdiction and venue of the courts of Cuyahoga County, Ohio with respect to any dispute, controversy or claim arising out of or relating to this agreement.

14. Indemnity for Infringement of Intellectual Property Rights. Seller shall have no liability for infringement of any patents, trademarks, copyrights, trade dress, trade secrets or similar rights except as provided in this Section. Seller will defend and indemnify Buyer against allegations of infringement of U.S. patents, U.S. trademarks, copyrights, trade dress and trade secrets (“Intellectual Property Rights”), Seller will defend at its expense and will pay the cost of any settlement or awards awarded in an action brought against Buyer based on an allegation that a Product, or Product delivered hereunder, infringes the Intellectual Property Rights of a third party, Seller’s obligation to defend and indemnify Buyer is contingent on Buyer notifying Seller within ten (10) days after Buyer becomes aware of such allegations of infringement, and Seller having sole control over the defense of any allegations or actions initiated by Seller or its employees or agents. If Product is subject to a claim that it infringes the Intellectual Property Rights of a third party, Seller may, at its sole expense and option, procure for Buyer the right to continue using the Product, replace or modify the Product so as to make it noninfringing, or offer to accept return of the Product and return the purchase price less a reasonable allowance for depreciation. Notwithstanding the foregoing, Seller shall have no liability for claims of infringement based on information provided by Buyer, or directed to Products delivered hereunder for which the designs are specified in whole or part by Buyer, or infringements resulting from the modification, combination or use in a system of any Product sold hereunder. The foregoing provisions of this Section shall constitute Seller’s sole and exclusive liability and Buyer’s sole and exclusive remedy for any infringement or alleged infringement of any of Seller’s patents, trademarks, copyrights, trade secrets or similar rights.

15. Entire Agreement. This agreement contains the entire agreement between the Buyer and Seller and constitutes the final, complete and exclusive expression of the terms of sale. All prior or contemporaneous written or oral agreements or negotiations with respect to the subject matter hereof are merged and are replaced by this agreement.

16. Compliance with Law, U. K. Bribery Act and U.S. Foreign Corrupt Practices Act. Buyer agrees to comply with all applicable laws and regulations, including both those of the United Kingdom and the United States of America, and of the countries in which Products are located, which specifically apply to Seller, to Buyer, or to Buyer’s employees, to prevent the occurrence of any violation of such provisions by Buyer, or Buyer’s employees or agents. Buyer agrees that they are familiar with the provisions of the U.K. Bribery Act, the FCPA and the Anti-Kickback Acts, and certifies that Buyer will adhere to the requirements thereof. In particular, Buyer represents and agrees that Buyer will disclose to the United States, and all other government department or agency having value, directly or indirectly to any governmental officials, any foreign political party or official thereof, any candidate for foreign political office, or any commercial entity or person, for the purpose of influencing such person to purchase products or otherwise benefit the business of Seller.