BAUER Standard
The Efficient and Open Gear Motor Platform
Transmission Elements
Simple mechanical connection to your machine

Modular Standard
- Conveying
- Material Handling

Application Specific Standard
- Food & Beverage
- Basic Metal
- Industries

Customer Specific Standard
- Customer specific drive solutions
Main Supply

Motors
intelligent modular system

Control Electronics
Open systems for your application

Ring Fin Motor for Steel Mills

Food and Beverage

Decentral

Central
The BAUER Standard | The Efficient and Open Gear Motor Platform

The New Modular Standard
The “All-Rounder” for multiple applications

The Application Specific Standard
The “Application Master” - the perfect fit for your application

Basic Metal
- Milltable
- Rolling mill

Food & Beverage
- Bottling plant
- Aseptic conveying
- Packaging

Industries
- Water and waste water technology
- Crane and conveyor technology
- Environmental technologies
 Gear Type  | Power [HP]  | Torque [lbf-in]  | Your Benefit |
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Helical Worm BS-Series</td>
<td>0.075-7.5</td>
<td>221-8,675</td>
<td>Compact and resilient through high quality worm gearing. Thus long lifetime and low servicing costs.</td>
</tr>
<tr>
<td>Helical Bevel BK-Series</td>
<td>0.075-100</td>
<td>710-148,000</td>
<td>Energy efficient due to the highly efficient two-stage base design.</td>
</tr>
<tr>
<td>Parallel Shaft BF-Series</td>
<td>0.075-100</td>
<td>840-148,000</td>
<td>Compact mounting and multiple possibilities for attachment reduce the space requirements.</td>
</tr>
<tr>
<td>Helical In-Line BG-Series</td>
<td>0.075-100</td>
<td>180-148,000</td>
<td>Robust design leads to long service intervals.</td>
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</tbody>
</table>

**The Customer Specific Special**

The "Integration Expert" - optimally integrated in your machine

**Textile Industry**
- Flat bed knitting machine
- Circular knitting machine
- Weaving machine

**Printing Industry**
- Offset printing machine
- Web and sheet offset

**Packaging Industry**
- Band strapping devices
- Pallet packing presses
- Rotary arm winder
Integral Solutions

Three different rotor technologies which can be configured according to the efficiency class required, guarantee high efficient drive solutions without space restrictions.

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<tr>
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<th>ALU</th>
<th>COPPER</th>
<th>PSM</th>
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<tbody>
<tr>
<td>IE4</td>
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<tr>
<td>IE1*</td>
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</table>

* for special applications
Competitive Displacement Helical Gear Motors

2000 Series is a new Helical-Bevel product family from Bauer Gear Motor

Design driven by a Voice of Customer study which resulted in prioritization of:

- Improving performance and efficiency
- Extending life and reducing maintenance
- Expanding flexibility of user interfaces
- Maximizing customer value
- Dimensional drop-in for SEW Eurodrive

Direct Drop-in Convenience
- Dimensionally interchangeable with industry standard envelope and mounting dimensions including SEW KA Series
- Responsive & Reliable Lead-times
- C-Face or integral gear motor designs to meet customer needs

Enhanced Product Performance
- Higher rated output torque capacity than leading competitors (~10% higher on average)
- Larger motor HP capability
- Higher power density in the same size package

Quick Installation
- Mounting register surfaces for quick alignment
- Keyless Tapered Bushing design enables more secure fit with end user's driven shaft while greatly reducing fretting corrosion

Easy to Maintain
- Larger diameter fill & drain plugs for quick oil changes
- Rounded exterior to prevent particle accumulation and better withstand wash-down

Custom Product Design Flexibility
- Expanded hollow bore options and multiple output shaft diameters

Longer Lifecycle Enables Lower Cost of Ownership
- Increased rated torque performance translates to an exponential increase in product life when used under the same operating conditions
- Magnetic filtration feature automatically removes wear debris for longer product life

Voice of Customer Focused
- The evolution & design of 2000 Series was based upon customer feedback & requirements
### Couplings Cont.

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Model</th>
<th>Contact Information</th>
</tr>
</thead>
</table>
| Lamiflex Couplings | Flexible Couplings, Bearing Isolators, and Coupling Guards | São Paulo, SP - Brasil  
+55 (11) 5679-6533 |
| TB Wood’s | Elastomeric Couplings | Chambersburg, PA - USA  
1-888-829-6637 - Press #5  
For application assistance: 1-888-829-6637 – Press #7 |
|  | General Purpose Disc Couplings | San Marcos, TX - USA  
1-888-449-9439 |
| Electromagnetic Clutches and Brakes | Inertia Dynamics | Spring Set Brakes; Power On and Wrap Spring Clutch/Brakes  
New Hartford, CT - USA  
1-800-800-6445 |
|  | Matrix International | Electromagnetic Clutches and Brakes; Pressure Operated Clutches and Brakes  
Brechin, Scotland  
+44 (0) 1356 602000  
New Hartford, CT - USA  
1-800-825-6544 |
|  | Warner Electric | Electromagnetic Clutches and Brakes  
New Hartford, CT - USA  
1-800-825-6544  
For application assistance: 1-800-825-6546  
Saint Barthélemy d’Anjou, France  
+33 (0)1 41 21 24 24  
Precision Electric Coils and Electromagnetic Clutches and Brakes  
Columbia City, IN - USA  
1-260-244-6183 |
|  | Industrial Clutch | Pneumatic and Oil Immersed Clutches and Brakes  
Waukesha, WI - USA  
1-262-547-3357 |
|  | Svendborg Brakes | Industrial Brakes and Brake Systems  
Vejstrup, Denmark  
+45 63 255 255 |
|  | Twiflex Limited | Caliper Brakes and Thrusters  
Twickenham, England  
+44 (0) 20 8894 1161 |

### Engineered Bearing Assemblies

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Model</th>
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</thead>
</table>
| Kilian Manufacturing | Engineered Bearing Assemblies | Syracuse, NY - USA  
1-315-432-0700 |
|  | Gearing | Bauer Gear Motor  
Esslingen, Germany  
+49 (711) 3518-0  
Somerset, NJ - USA  
1-732-469-8770 |
|  |  | Boston Gear  
Enclosed and Open Gearing, Electrical and Mechanical P.T. Components  
Charlotte, NC - USA  
1-800-825-6544  
For application assistance: 1-800-816-5608 |
|  |  | Muttall Gear and Delroyd Worm Gear  
Worm Gear and Helical Speed Reducers  
Niagara Falls, NY - USA  
1-716-298-4100 |
|  |  | Heavy Duty Clutches and Brakes  
Industrial Clutch  
Svendborg Brakes  
Twiflex Limited |

### Heavy Duty Clutches and Brakes Cont.

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Model</th>
<th>Contact Information</th>
</tr>
</thead>
</table>
|  | Wichita Clutch | Pneumatic Clutches and Brakes  
Wichita Falls, TX - USA  
1-800-364-3262  
Bedford, England  
+44 (0) 1234 350311 |
|  | Linear Products | Warner Linear  
Linear Actuators  
Beloit, IL - USA  
1-800-285-5544  
For application assistance: 1-800-285-9050 |
|  | Overrunning Clutches | Formsprag Clutch  
Overrunning Clutches and Holdbacks  
Warren, MI - USA  
1-800-348-0881 - Press #1  
For application assistance: 1-800-348-0881 – Press #2 |
|  |  | Marland Clutch  
Rollen Ramp and Sprag Type Overrunning Clutches and Backstops  
South Beloit, IL - USA  
1-800-316-3515 |
|  |  | Stieber Clutch  
Overrunning Clutches and Holdbacks  
Heidelberg, Germany  
+49 (0) 6221-30470  
Saint Barthélemy d’Anjou, France  
+33 (0) 121 21 24 24 |
|  | Couplings Cont. | Ameridrives Couplings  
Mill Spindles, Ameriflex, Amerslip  
Erie, PA - USA  
1-814-400-5000  
Gear Couplings  
San Marcos, TX - USA  
1-800-456-0087 |
|  |  | Ameridrives Power Transmission  
Universal Joints, Drive Shafts, Mill Gear Couplings  
Green Bay, WI - USA  
1-920-393-2444 |
|  |  | Bibby Turboflex  
Disc, Gear, Grid Couplings, Overload Clutches  
Dewsbury, England  
+44 (0) 1924 460801  
Boksburg, South Africa  
+27(0) 11 918 4270 |
|  |  | Guardian Couplings  
Engineered Hyveel Couplings; Engine Housing and Pump Mounts, Flexible Shaft Couplings  
Michigan City, IN - USA  
1-219-874-5248 |
|  |  | Huco Dynatork  
Precision Couplings and Air Motors  
Hertford, England  
+44 (0) 1992 501900  
Chambersburg, PA - USA  
1-888-829-6637 |
|  |  | TB Wood’s  
Belted Drives  
Chambersburg, PA - USA  
1-888-829-6637 - Press #5  
For application assistance: 1-888-829-6637 – Press #7 |
|  |  | Ameridrives Clutches and Brakes Cont.  
Warner Electric  
Electromagnetic Clutches and Brakes  
New Hartford, CT - USA  
1-800-825-6544  
For application assistance: 1-800-825-6546  
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