**Series GA/GAH** – When you need a low flow pump that delivers high performance, Series GA/GAH provides precise, pulseless flows from as low as 10 ml/min and system pressures to 5000 psi. Featuring Micropump’s patented suction shoe design, the Series GA/GAH pumps self-compensate for wear, ensuring near zero slip and a longer pump life, and are available in a wide range of materials and configurations. Don’t trade low flow for high performance. Get it all with the Series GA/GAH from Micropump.

**Small Size**
The miniature package size of the Series GA/GAH is easily incorporated into the design of many systems.

**Leak-Free**
The magnetic drive and a single o-ring seal keep the fluid securely inside the pump and potential contaminants out.

**Smooth Pulseless Delivery**
Positive displacement, precision gears provide consistent fluid delivery in continuous processes.

**Chemically Resistant**
Series GA/GAH has a long life in aggressive environments.

**Easy to Service**
Series GA/GAH pumps are easy to service using a Micropump service kit and simple hand tools.

**High System Pressure Capability**
Series GAH pumps are designed to withstand system pressures up to 345 bar (5000 psi).

**Wide Range of Options and Configurations**
Micropump’s designs offer the flexibility to customize products to meet your more challenging requirements including:
- Multiple gear, body, and o-ring materials
- Optional high torque magnets
- NEMA, IEC, and Micropump drive mount

**Innovative Designs**
Micropump uses the latest engineering tools and manufacturing equipment to produce the most innovative pumping solutions available. Products are developed using state-of-the-art CAD, Finite Element Analysis (FEA), and rapid prototyping tools. Precision CMM and CNC manufacturing equipment ensure the highest level of product quality.

**Proven Reliability**
Over 40 years of experience solving the most difficult pumping problems go into the design and manufacture of every Micropump product, ensuring the most reliable pumping solution available.

**Enhanced Efficiency**
As part of the IDEX family of companies, Micropump utilizes Kaizen, Lean Manufacturing, Value Stream Mapping and Six Sigma process improvement strategies to continually meet the challenge of improving quality while increasing productivity—all of which help Micropump better meet the pumping needs of customers in an increasingly diverse range of markets.
PERFORMANCE SUMMARY
Flow Rate at 6000 rpm
552 ml/min (0.146 gpm)
Displacement
Gear Set X21 V21 T23
ml/rev 0.017 0.042 0.092
Maximum Rated Differential Pressure (with Hex Drive) 5.2 Bar (75 psi)
Maximum Rated System Pressure
Standard Series GA 21 Bar (300 psi)
High Pressure Series GAH 345 Bar (5000 psi)
Temperature Range
-46 to 177°C (-50 to 350°F)
Viscosity Range
0.2 to 1500 cps
Maximum Speed
8000 rpm

PUMP CONSTRUCTION
• Magnetic drive gear pump
• Suction shoe style
• Spur gears
• Stationary shafts
• PTFE bevel or o-ring seal

WETTED MATERIALS
Base material
• 316 stainless steel
Gears
• Carbon Graphite
• PEEK
• PPS
Static Seals
• Viton®
• PTFE

MAGNETS
Driven and driving
• Ferrite

CALL YOUR LOCAL DISTRIBUTOR OR MICROPUMP DIRECTLY FOR CUSTOMIZED OEM SOLUTIONS.
**Series GB**

Micropump's Series GB magnetic drive gear pump features a patented suction shoe design that delivers the high performance needed to keep your operations flowing smoothly. The unique suction shoe design self compensates for wear, ensuring near zero slip and a longer pump life. Available in standard or custom configurations, Series GB pumps offer the flexibility to meet a wide range of applications in a compact design. Options include standard gear sizes, an internal bypass and a variety of materials.

**Small Size**
The miniature package size of the Series GB is easily incorporated into the design of many systems.

**Leak-Free**
The magnetic drive and a single o-ring seal keep the fluid securely inside the pump and potential contaminants out.

**Smooth Pulseless Delivery**
Positive displacement, helical gears provide consistent fluid delivery in continuous processes.

**Chemically Resistant**
Series GB has a long life in aggressive environments.

**Easy to Service**
Series GB pumps are easy to service using a Micropump service kit and simple hand tools.

**Wide Range of Options and Configurations**
Micropump's designs offer the flexibility to customize products to meet your more challenging requirements including:

- Two and three gear versions
- Multiple gear, body, and o-ring materials
- Optional internal bypass
- Optional high torque magnets
- NEMA, IEC, and Micropump drive mount

**Innovative Designs**
Micropump uses the latest engineering tools and manufacturing equipment to produce the most innovative pumping solutions available. Products are developed using state-of-the-art CAD, Finite Element Analysis (FEA), and rapid prototyping tools. Precision CMM and CNC manufacturing equipment ensure the highest level of product quality.

**Proven Reliability**
Over 40 years of experience solving the most difficult pumping problems go into the design and manufacture of every Micropump product, ensuring the most reliable pumping solution available.

**Enhanced Efficiency**
As part of the IDEX family of companies, Micropump utilizes Kaizen, Lean Manufacturing, Value Stream Mapping and Six Sigma process improvement strategies to continually meet the challenge of improving quality while increasing productivity—all of which help Micropump better meet the pumping needs of customers in an increasingly diverse range of markets.
PERFORMANCE SUMMARY
Flow Rate at 5500 rpm
6435 ml/min (1.70 gpm)
Displacement
Gear Set  P23  P25  P35
ml/rev   0.26  0.58  1.17
Maximum Rated Differential Pressure
8.7 Bar (125 psi)
Maximum Rated System Pressure
21 Bar (300 psi)
Temperature Range
-46 to 177°C (-50 to 350°F)
Viscosity Range
0.2 to 1500 cps
Maximum Speed
10,000 rpm

PUMP CONSTRUCTION
Pump Construction
• Magnetic drive gear pump
• Suction shoe style
• Two or three helical gears
• Stationary shafts
• O-ring seal
• Bypass optional

WETTED MATERIALS
Base material
• 316 stainless steel
Gears
• PEEK
• PPS
Static Seals
• Viton®
• EP

MAGNETS
Driven and driving
• Ferrite
• Rare earth

CALL YOUR LOCAL DISTRIBUTOR OR MICROPUMP DIRECTLY FOR CUSTOMIZED OEM SOLUTIONS.
Series GC - For a pump that delivers high precision performance every time, trust the proven reliability of Micropump’s Series GC suction shoe style magnetic drive gear pump. These high performance pumps provide smooth, pulseless delivery and leak-free operation in a convenient, compact unit. The Series GC pumps are a perfect fit for demanding applications with a wide range of available options, materials, and configurations. With its precision performance and maximum versatility, Series GC keeps your process flowing smoothly.

SMALL SIZE
The miniature package size of the Series GC is easily incorporated into the design of many systems.

LEAK-FREE
The magnetic drive and a single o-ring seal keep the fluid securely inside the pump and potential contaminants out.

SMOOTH PULSELESS DELIVERY
Positive displacement, precision gears provide consistent fluid delivery in continuous processes.

CHEMICALLY RESISTANT
Series GC has a long life in aggressive environments.

EASY TO SERVICE
Series GC pumps are easy to service using a Micropump service kit and simple hand tools.

WIDE RANGE OF OPTIONS AND CONFIGURATIONS
Micropump’s designs offer the flexibility to customize products to meet your more challenging requirements including:
- Two and three gear versions
- Multiple gear, body, and o-ring materials
- Optional high torque magnets
- NEMA and IEC drive mounts

INNOVATIVE DESIGNS
Micropump uses the latest engineering tools and manufacturing equipment to produce the most innovative pumping solutions available. Products are developed using state-of-the-art CAD, Finite Element Analysis (FEA), and rapid prototyping tools. Precision CMM and CNC manufacturing equipment ensure the highest level of product quality.

PROVEN RELIABILITY
Over 40 years of experience solving the most difficult pumping problems go into the design and manufacture of every Micropump product, ensuring the most reliable pumping solution available.

ENHANCED EFFICIENCY
As part of the IDEX family of companies, Micropump utilizes Kaizen, Lean Manufacturing, Value Stream Mapping and Six Sigma process improvement strategies to continually meet the challenge of improving quality while increasing productivity—all of which help Micropump better meet the pumping needs of customers in an increasingly diverse range of markets.
PERFORMANCE SUMMARY
Flow Rate at 3450 rpm
12006 ml/min (3.17 gpm)
Displacement
Gear Set M23 M25 M35
ml/rev 0.81 1.82 3.48
Maximum Rated Differential Pressure
8.7 Bar (125 psi)
Maximum Rated System Pressure
103 Bar (1500 psi)
Temperature Range
-46 to 177°C (-50 to 350°F)
Viscosity Range
0.2 to 1500 cps
Maximum Speed
6000 rpm

PUMP CONSTRUCTION
• Magnetic drive gear pump
• Suction shoe style
• Two or three helical gears
• Stationary shafts
• O-ring seal

WETTED MATERIALS
Base material
• 316 stainless steel
Gears
• PEEK
• PPS
Static seals
• Viton®
• TEV

MAGNETS
Driven and driving
• Ferrite
• Rare earth

ORDER CODE
CALL YOUR LOCAL DISTRIBUTOR OR MICROPUMP
DIRECTLY FOR CUSTOMIZED OEM SOLUTIONS.
Series GD – If you’re looking for a pump that offers compact size, but delivers full-size performance, then the Series GD gear pump from Micropump is just what you’ve been looking for. This compact, cavity style magnetic drive gear pump offers an optional hybrid/abrasive resistant version for use in applications like pipeline sampling. Benefits like leak-free performance, chemical resistance, easy servicing, and a wide range of options make Series GD the right choice for a wide variety of applications.

SMALL SIZE
The miniature package size of the Series GD is easily incorporated into the design of many systems.

LEAK-FREE
The magnetic drive and a single o-ring seal keep the fluid securely inside the pump and potential contaminants out.

SMOOTH PULSELESS DELIVERY
Positive displacement, precision gears provide consistent fluid delivery in continuous processes.

CHEMICALLY RESISTANT
Series GD has a long life in aggressive environments.

EASY TO SERVICE
Series GD pumps are easy to service using a Micropump service kit and simple hand tools.

WIDE RANGE OF OPTIONS AND CONFIGURATIONS
Micropump’s designs offer the flexibility to customize products to meet your more challenging requirements including:
• Multiple gear, body, and o-ring materials
• Optional high torque magnets
• NEMA and IEC drive mounts
• Hybrid/abrasive resistant materials

INNOVATIVE DESIGNS
Micropump uses the latest engineering tools and manufacturing equipment to produce the most innovative pumping solutions available. Products are developed using state-of-the-art CAD, Finite Element Analysis (FEA), and rapid prototyping tools. Precision CMM and CNC manufacturing equipment ensure the highest level of product quality.

PROVEN RELIABILITY
Over 40 years of experience solving the most difficult pumping problems go into the design and manufacture of every Micropump product, ensuring the most reliable pumping solution available.

ENHANCED EFFICIENCY
As part of the IDEX family of companies, Micropump utilizes Kaizen, Lean Manufacturing, Value Stream Mapping and Six Sigma process improvement strategies to continually meet the challenge of improving quality while increasing productivity—all of which help Micropump better meet the pumping needs of customers in an increasingly diverse range of markets.
PERFORMANCE SUMMARY

Flow Rate at 3450 rpm
12006 ml/min (3.17 gpm)
Displacement
Gear Set M35
ml/rev 3.48
Maximum Rated Differential Pressure
8.7 Bar (125 psi)
Maximum Rated System Pressure
103 Bar (1500 psi)
Temperature Range
-46 to 121°C (-51 to 250°F)
Viscosity Range
0.5 to 1500 cps
Maximum Speed
4000 rpm

PUMP CONSTRUCTION
- Magnetic drive gear pump
- Cavity style
- Three helical gears
- Stationary shafts
- O-ring seal

WETTED MATERIALS

Base material
- 316 stainless steel
Gears
- PEEK
- PPS
- Hardened steel
Static seals
- Viton®
- TEV

MAGNETS

Driven and driving
- Ferrite
- Rare earth

PRODUCT ENHANCEMENTS
- Hybrid/abrasive resistant materials

CALL YOUR LOCAL DISTRIBUTOR OR MICROPUMP DIRECTLY FOR CUSTOMIZED OEM SOLUTIONS.
Series GJ – Backed by a tradition of engineering and technological expertise, the Series GJ from Micropump delivers exceptional pumping performance for any high precision application. These compact, magnetically driven gear pumps feature a cavity style design with PTFE seals to ensure leak-free performance. With benefits like chemical resistance, abrasive fluid pumping and smooth, pulseless delivery, Series GJ pumps are available with a wide range of options, as well as in OEM configurations.

SMALL SIZE
The miniature package size of the Series GJ is easily incorporated into the design of many systems.

LEAK-FREE
The magnetic drive and PTFE seals keep the fluid securely inside the pump and potential contaminants out.

SMOOTH PULSELESS DELIVERY
Positive displacement, precision gears provide consistent fluid delivery in continuous processes.

CHEMICALLY RESISTANT
Series GJ has a long life in aggressive environments.

EASY TO SERVICE
Series GJ pumps are easy to service using a Micropump service kit and simple hand tools.

WIDE RANGE OF OPTIONS AND CONFIGURATIONS
Micropump’s designs offer the flexibility to customize products to meet your more challenging requirements including:
- Three standard gear sizes
- Multiple gear and body materials
- Optional internal bypass
- Optional high torque magnets
- NEMA, IEC, and Micropump drive mounts

INNOVATIVE DESIGNS
Micropump uses the latest engineering tools and manufacturing equipment to produce the most innovative pumping solutions available. Products are developed using state-of-the-art CAD, Finite Element Analysis (FEA), and rapid prototyping tools. Precision CMM and CNC manufacturing equipment ensure the highest level of product quality.

PROVEN RELIABILITY
Over 40 years of experience solving the most difficult pumping problems go into the design and manufacture of every Micropump product, ensuring the most reliable pumping solution available.

ENHANCED EFFICIENCY
As part of the IDEX family of companies, Micropump utilizes Kaizen, Lean Manufacturing, Value Stream Mapping and Six Sigma process improvement strategies to continually meet the challenge of improving quality while increasing productivity—all of which help Micropump better meet the pumping needs of customers in an increasingly diverse range of markets.
### PERFORMANCE SUMMARY

Flow Rate at 5500 rpm  
5217 ml/min (1.38 gpm)

Displacement  
Gear Set: N21 N23 N25  
ml/rev: 0.316 0.64 0.91

Maximum Rated Differential Pressure  
5.6 Bar (80 psi)

Maximum Rated System Pressure  
21 Bar (300 psi)

Temperature Range  
-46 to 121°C (-50 to 250°F)

Viscosity Range  
0.2 to 1500 cps

Maximum Speed  
10,000 rpm

### PUMP CONSTRUCTION

- Magnetic drive gear pump
- Cavity style
- Two helical, shafted gears
- Sleeve bushings
- PTFE bevel or o-ring seal

### WETTED MATERIALS

**Base material**  
316 stainless steel

**Gears**  
PEEK  
PPS  
PTFE

**Static seals**  
PTFE

### MAGNETS

Driven and driving  
- Ferrite  
- Rare earth

### PRODUCT ENHANCEMENTS

- Internal bypass

### CALL YOUR LOCAL DISTRIBUTOR OR MICROPUMP DIRECTLY FOR CUSTOMIZED OEM SOLUTIONS.

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**DIMENSIONS (A MOUNT)**

```
<table>
<thead>
<tr>
<th>Base Code</th>
<th>Gear Set</th>
<th>Drive Mount</th>
<th>Options</th>
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<td>G</td>
<td>J</td>
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**PUMP PERFORMANCE**

- Water @ 1 CP
- Flow Rate  
5217 ml/min (1.38 gpm)

**Displacement**

- Gear Set: N21 N23 N25
- ml/rev: 0.316 0.64 0.91

**Maximum Rated Differential Pressure**  
5.6 Bar (80 psi)

**Maximum Rated System Pressure**  
21 Bar (300 psi)

**Temperature Range**  
-46 to 121°C (-50 to 250°F)

**Viscosity Range**  
0.2 to 1500 cps

**Maximum Speed**  
10,000 rpm
**Series GK** — With the power to handle the most advanced pumping needs, the Series GK from Micropump features a compact size, pulseless delivery, and high-precision performance. A cavity style design delivers benefits like leak-free performance and chemical resistance, making the Series GK ideal for a variety of fluid handling applications. Durable and dependable, the Series GK also ensures a tailor-made solution for your specific needs with a wide range of available options, materials, and configurations.

**Small Size**
The miniature package size of the Series GK is easily incorporated into the design of many systems.

**Leak-Free**
The magnetic drive and o-ring seals keep the fluid securely inside the pump and potential contaminants out.

**Smooth Pulseless Delivery**
Positive displacement, precision gears provide consistent fluid delivery in continuous processes.

**Chemically Resistant**
Series GK has a long life in aggressive environments.

**Easy to Service**
Series GK pumps are easy to service using a Micropump service kit and simple hand tools.

**High System Pressure Capability**
Optional versions of the Series GK are designed to withstand system pressures up to 103 Bar (1500 psi).

**Wide Range of Options and Configurations**
Micropump’s designs offer the flexibility to customize products to meet your more challenging requirements including:
- Magnetic drive gear pump
- Cavity style
- Two helical, shafted gears
- Sleeve bushings
- O-ring seals

**Innovative Designs**
Micropump uses the latest engineering tools and manufacturing equipment to produce the most innovative pumping solutions available. Products are developed using state-of-the-art CAD, Finite Element Analysis (FEA), and rapid prototyping tools. Precision CMM and CNC manufacturing equipment ensure the highest level of product quality.

**Proven Reliability**
Over 40 years of experience solving the most difficult pumping problems go into the design and manufacture of every Micropump product, ensuring the most reliable pumping solution available.

**Enhanced Efficiency**
As part of the IDEX family of companies, Micropump utilizes Kaizen, Lean Manufacturing, Value Stream Mapping and Six Sigma process improvement strategies to continually meet the challenge of improving quality while increasing productivity—all of which help Micropump better meet the pumping needs of customers in an increasingly diverse range of markets.
PERFORMANCE SUMMARY
Flow Rate at 3450 rpm
9500 ml/min (2.51 gpm)
Displacement
Gear Set K23
ml/rev 3.15
Maximum Rated Differential Pressure
4.2 Bar (60 psi)
Maximum Rated System Pressure
103 Bar (1500 psi)
Temperature Range
-46 to 54°C (-50 to 130°F)
Viscosity Range
0.2 to 1500 cps
Maximum Speed
4000 rpm

PUMP CONSTRUCTION
• Magnetic drive gear pump
• Cavity style
• Two helical, shafted gears
• Sleeve bushings
• O-ring seals

WETTED MATERIALS
Base Materials
• 316 stainless steel
Gears
• PTFE
Static seals
• PTFE
MAGNETS
Driven and driving
• Ferrite
• Rare earth

CALL YOUR LOCAL DISTRIBUTOR OR MICROPUMP DIRECTLY FOR CUSTOMIZED OEM SOLUTIONS.

DIMENSIONS
NEMA 56C Mount

IEC 71-814 Mount

PUMP PERFORMANCE

ORDER CODE

CALL YOUR LOCAL DISTRIBUTOR OR MICROPUMP DIRECTLY FOR CUSTOMIZED OEM SOLUTIONS.
Series GN – The Series GN magnetic drive gear pump from Micropump is the result of years of experience developing and manufacturing the most advanced pumping technology. These cavity style gear pumps offer advantages like small size, leak-free performance, and exceptionally easy servicing. For high pressure jobs, choose the Series GN with high system pressure capabilities to 103 Bar (1500 psi). Available in a wide range of chemically resistant materials and custom OEM configurations, Series GN pumps have the power to handle your toughest requirements.

SMALL SIZE
The miniature package size of the Series GN is easily incorporated into the design of many systems.

LEAK-FREE
The magnetic drive and o-ring seals keep the fluid securely inside the pump and potential contaminants out.

SMOOTH PULSELESS DELIVERY
Positive displacement, precision gears provide consistent fluid delivery in continuous processes.

CHEMICALLY RESISTANT
Series GN has a long life in aggressive environments.

EASY TO SERVICE
Series GN pumps are easy to service using a Micropump service kit and simple hand tools.

HIGH SYSTEM PRESSURE CAPABILITY
Optional versions of the Series GN are designed to withstand system pressures up to 103 Bar (1500 psi).

WIDE RANGE OF OPTIONS AND CONFIGURATIONS
Micropump’s designs offer the flexibility to customize products to meet your more challenging requirements including:

- Multiple gear, body, and o-ring materials
- High torque magnets
- NEMA and IEC drive mounts

INNOVATIVE DESIGNS
Micropump uses the latest engineering tools and manufacturing equipment to produce the most innovative pumping solutions available. Products are developed using state-of-the-art CAD, Finite Element Analysis (FEA), and rapid prototyping tools. Precision CMM and CNC manufacturing equipment ensure the highest level of product quality.

PROVEN RELIABILITY
Over 40 years of experience solving the most difficult pumping problems go into the design and manufacture of every Micropump product, ensuring the most reliable pumping solution available.

ENHANCED EFFICIENCY
As part of the IDEX family of companies, Micropump utilizes Kaizen, Lean Manufacturing, Value Stream Mapping and Six Sigma process improvement strategies to continually meet the challenge of improving quality while increasing productivity—all of which help Micropump better meet the pumping needs of customers in an increasingly diverse range of markets.
SERIES GN

PERFORMANCE SUMMARY
Flow Rate at 1750 rpm
42875 ml/min (11.38 gpm)
Displacement
Gear Set G35
ml/rev 24.5
Maximum Rated Differential Pressure
6.9 Bar (100 psi)
Maximum Rated System Pressure
103 Bar (1500 psi)
Temperature Range
-46 to 121°C (-50 to 250°F)
Viscosity Range
0.2 to 2500 cps
Maximum Speed
1750 rpm

PUMP CONSTRUCTION
• Magnetic drive gear pump
• Cavity style
• Three helical, shafted gears
• Stationary shafts
• O-ring seals

WETTED MATERIALS
Base material
• 316 stainless steel
Gears
• PEEK
Static seals
• Viton®

MAGNETS
Driven and driving
• Rare earth

PRODUCT ENHANCEMENTS
• High system pressure

CALL YOUR LOCAL DISTRIBUTOR OR MICROPUMP DIRECTLY FOR CUSTOMIZED OEM SOLUTIONS.
<table>
<thead>
<tr>
<th>Model</th>
<th>Mount Code</th>
<th>Encl. Note</th>
<th>Speed Range RPM</th>
<th>Max. rated torque NM/in-oz</th>
<th>Nominal Watts/HP</th>
<th>Power Source</th>
<th>Hz</th>
<th>Appr.</th>
<th>Connection</th>
<th>Weight (max) Kg</th>
<th>Weight (max) Lb</th>
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<td>I-Drive IEG</td>
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<td>500-5500</td>
<td>15 oz-in (106 mNm)</td>
<td>70W</td>
<td>20-30 Volts</td>
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<td>Wire leads</td>
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<td>I-Drive IMS</td>
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<td>3</td>
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<td>8 oz-in (56 mNm)</td>
<td>40W</td>
<td>20-30 Volts</td>
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<td>500-4500</td>
<td>3.5/495</td>
<td>550/0.73</td>
<td>220/240V</td>
<td>50/60</td>
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<td><strong>AC - Shaded Pole</strong></td>
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<td>115/230V</td>
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<td><strong>AC - Permanent Split Capacitor</strong></td>
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**Drive Selection Chart**
### AC - IEC, Single Phase

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<th>Model</th>
<th>Mount Code</th>
<th>Encl. Note</th>
<th>Speed Range RPM</th>
<th>Max. rated torque NM/in-oz</th>
<th>Nominal Watts/HP</th>
<th>Power Source</th>
<th>Hz</th>
<th>Appr.</th>
<th>Connection</th>
<th>Weight (max)</th>
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<td>2680</td>
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<td>75/0.10</td>
<td>220/240V</td>
<td>50/60 CE</td>
<td>Terminal box</td>
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<td>7.04</td>
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<tr>
<td>691</td>
<td>A</td>
<td>5</td>
<td>1340</td>
<td>630/88</td>
<td>75/0.10</td>
<td>220/240V</td>
<td>50/60 CE</td>
<td>Terminal box</td>
<td>3.20</td>
<td>7.04</td>
</tr>
</tbody>
</table>

### AC - IEC, Three Phase

<table>
<thead>
<tr>
<th>Model</th>
<th>Mount Code</th>
<th>Encl. Note</th>
<th>Speed Range RPM</th>
<th>Max. rated torque NM/in-oz</th>
<th>Nominal Watts/HP</th>
<th>Power Source</th>
<th>Hz</th>
<th>Appr.</th>
<th>Connection</th>
<th>Weight (max)</th>
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<td>A</td>
<td>3</td>
<td>2880</td>
<td>310/44</td>
<td>90/12</td>
<td>230/400V</td>
<td>50/60 CE</td>
<td>Terminal box</td>
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<td>12.54</td>
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<tr>
<td>692</td>
<td>A</td>
<td>3</td>
<td>1380</td>
<td>650/92</td>
<td>90/12</td>
<td>230/400V</td>
<td>50/60 CE</td>
<td>Terminal box</td>
<td>5.70</td>
<td>12.54</td>
</tr>
</tbody>
</table>

### AC - Explosion Proof

<table>
<thead>
<tr>
<th>Model</th>
<th>Mount Code</th>
<th>Encl. Note</th>
<th>Speed Range RPM</th>
<th>Max. rated torque NM/in-oz</th>
<th>Nominal Watts/HP</th>
<th>Power Source</th>
<th>Hz</th>
<th>Appr.</th>
<th>Connection</th>
<th>Weight (max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>519</td>
<td>A</td>
<td>4</td>
<td>3450</td>
<td>529/75</td>
<td>127/0.17</td>
<td>115/230V</td>
<td>50/60 UL</td>
<td>Wire leads</td>
<td>9.03</td>
<td>19.87</td>
</tr>
</tbody>
</table>

### AC - Universal, Brush Type

<table>
<thead>
<tr>
<th>Model</th>
<th>Mount Code</th>
<th>Encl. Note</th>
<th>Speed Range RPM</th>
<th>Max. rated torque NM/in-oz</th>
<th>Nominal Watts/HP</th>
<th>Power Source</th>
<th>Hz</th>
<th>Appr.</th>
<th>Connection</th>
<th>Weight (max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>405A</td>
<td>A</td>
<td>2</td>
<td>9000</td>
<td>92/13</td>
<td>66/0.089</td>
<td>115V</td>
<td>N/a</td>
<td>Cord &amp; plug</td>
<td>4.20</td>
<td>9.24</td>
</tr>
<tr>
<td>415A</td>
<td>A</td>
<td>2</td>
<td>500-9000</td>
<td>92/13</td>
<td>66/0.089</td>
<td>115V</td>
<td>N/a</td>
<td>Cord &amp; plug</td>
<td>5.50</td>
<td>12.10</td>
</tr>
</tbody>
</table>

### Air Driven Vane Type

<table>
<thead>
<tr>
<th>Model</th>
<th>Mount Code</th>
<th>Encl. Note</th>
<th>Speed Range RPM</th>
<th>Max. rated torque NM/in-oz</th>
<th>Nominal Watts/HP</th>
<th>Power Source</th>
<th>Hz</th>
<th>Appr.</th>
<th>Connection</th>
<th>Weight (max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>951</td>
<td>B</td>
<td>6</td>
<td>500-8000</td>
<td>355/50</td>
<td>250/0.33</td>
<td>5-100 psig</td>
<td>N/a</td>
<td>1/8 NPT ports</td>
<td>1.04</td>
<td>2.29</td>
</tr>
<tr>
<td>955</td>
<td>A</td>
<td>6</td>
<td>500-8000</td>
<td>355/50</td>
<td>250/0.33</td>
<td>5-100 psig</td>
<td>N/a</td>
<td>1/8 NPT ports</td>
<td>1.04</td>
<td>2.29</td>
</tr>
</tbody>
</table>

### Programmable Drives

<table>
<thead>
<tr>
<th>Model</th>
<th>Mount Code</th>
<th>Encl. Note</th>
<th>Speed Range RPM</th>
<th>Max. rated torque NM/in-oz</th>
<th>Nominal Watts/HP</th>
<th>Power Source</th>
<th>Hz</th>
<th>Appr.</th>
<th>Connection</th>
<th>Weight (max)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCP-Z Process</td>
<td>B</td>
<td>60-6000</td>
<td>200/28</td>
<td>150/0.20</td>
<td>85/264</td>
<td>47/60 IP65</td>
<td>Cord &amp; Plug</td>
<td>6.9</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>MCP-Z Standard</td>
<td>B</td>
<td>60-6000</td>
<td>150/21</td>
<td>150/0.20</td>
<td>115/230V</td>
<td>50/60 IP30</td>
<td>Cord &amp; Plug</td>
<td>6.4</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>BVP-Z</td>
<td>B</td>
<td>60-6000</td>
<td>200/28</td>
<td>150/0.20</td>
<td>115/230V</td>
<td>50/60 IP30</td>
<td>Cord &amp; Plug</td>
<td>5.7</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>Reglo-Z</td>
<td>B</td>
<td>50-6000</td>
<td>43/6</td>
<td>50/0.07</td>
<td>115/230V</td>
<td>50/60 IP30</td>
<td>Cord &amp; Plug</td>
<td>2.2</td>
<td>5</td>
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</tr>
<tr>
<td>Reglo-ZS</td>
<td>B</td>
<td>50-6000</td>
<td>43/6</td>
<td>50/0.07</td>
<td>115/230V</td>
<td>50/60 IP30</td>
<td>Cord &amp; Plug</td>
<td>1.6</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

### Motor Enclosure Description Notes:

1. I-Drive — electromagnetic drive/Open drip proof, for dry, clean indoor environments, requires good ventilation EG/HG requires 0-5 V signal to change speed, HG has switch for 4-20mA and manual pot speed control. Note: weights listed for I-Drive motors (EG, HG, HGA) include pumphead.
2. Open drip proof, suitable for dry clean indoor environments, requires good ventilation.
3. IP55/ Totally enclosed non-ventilated, suitable for humid, dusty atmospheres, requires good ventilation.
5. Totally enclosed fan cooled. Suitable for fairly clean damp environment.
6. Suitable for Explosion Proof and harsh environments, but not resistant to corrosive chemicals.
7. Ventilated.