

AI-20

Rotary Phase Converter Data Sheet



American Rotary has been making premium rotary phase converters for more than 20 years. American Rotary provides industry leading telephone support for technical, application, and sizing questions. American Rotary stands behind its products with the best warranty in the industry. American Rotary uses premium components to ensure that its products perform for you. American Rotary is a UL Certified Control Panel Builder, and its rotary phase converters are available UL Listed to US and Canadian Safety Standards. American Rotary has partnered with Baldor Electric one of the world's largest and most respected manufacturers to supply its custom-engineered idler/generators. American Rotary is listed with D&B as well as the Better Business Bureau, and is committed to high ethical and privacy standards.

American Rotary's Wisconsin based team is dedicated to technical support, customer service and delivering value to its customers. With in-house R&D, engineering, tech support and manufacturing, American Rotary delivers what you need. Listed with D&B and with the Better Business Bureau, American Rotary is committed to providing you with a great buying experience. American Rotary challenges you to compare our warranties to any other manufacturer's – American Rotary stands behind its units!

AI Industrial Grade Rotary Phase Converter - The AI Industrial was designed specifically for the demands of industrial and agricultural applications.

Our AI Industrial digital phase converter is designed with a Type 3R enclosure for ultimate protection. AI Industrial can save you thousands of dollars a year over utility and diesel generated power sources.

The AI Industrial offers the following features

- Nema 3R/Type 3R - which allows this unit to be mounted anywhere and in any type of elements. Rain...snow...you are protected!
- American Rotary's illuminated rotary switch makes it easy to start or stop your unit. The two light indicators are a quick reference on your single phase input and start circuit operation.
- Super Quiet with our Baldor Induction Generator making this unit perfect for an indoor or outdoor application. The American Rotary/Baldor VIT Generator is protected with a patent pending custom built NEMA 3R enclosure. American Rotary's proprietary design allows for easy plug and play with your three phase equipment.
- Available in 240V or 480V and from ratings of 20-300HP
- American Rotary's heavy duty mounting base is strong and functional. They allow you to easily move the unit with a forklift, mount the device to concrete pad or floor and keep the unit off the ground and away from any moisture.
- Easy to remove and wash down filter, this filter will protect against dust, dirt and other harmful particles protecting your VIT generator and keeping you running at peak efficiencies.



| General Specifications | Data |
|-----------------------------|------------------------------|
| Model | 20 |
| Efficiency | >98% (at Power Factor of .9) |
| Idle Power Consumption (kW) | 0.6(0.06/hr) |
| Single Phase Requirements | |
| Input Voltage | 208 - 250 |
| Frequency (Hz) | 50 / 60 |
| Minimum Wire Size | 6 |
| Minimum Breaker Size | 60 |
| Three Phase Specifications | |
| Voltage Balance | 0 - 5% |
| Maximum Starting Load | 10HP / 28 amps |
| Maximum Running Load | 20HP / 56 amps |
| Physical Specifications | |
| Idler Insulation Class | F |
| Idler RPM | 1750 |
| Per Unit H X W X D | 28.5" X 20" X 33" |
| Panel Style | Nema 3R / Type 3R Indoor |
| Total Weight (lbs) | 388 |

Follow Us On:



AI-30

Rotary Phase Converter Data Sheet



American Rotary has been making premium rotary phase converters for more than 20 years. American Rotary provides industry leading telephone support for technical, application, and sizing questions. American Rotary stands behind its products with the best warranty in the industry. American Rotary uses premium components to ensure that its products perform for you. American Rotary is a UL Certified Control Panel Builder, and its rotary phase converters are available UL Listed to US and Canadian Safety Standards. American Rotary has partnered with Baldor Electric one of the world's largest and most respected manufacturers to supply its custom-engineered idler/generators. American Rotary is listed with D&B as well as the Better Business Bureau, and is committed to high ethical and privacy standards.

American Rotary's Wisconsin based team is dedicated to technical support, customer service and delivering value to its customers. With in-house R&D, engineering, tech support and manufacturing, American Rotary delivers what you need. Listed with D&B and with the Better Business Bureau, American Rotary is committed to providing you with a great buying experience. American Rotary challenges you to compare our warranties to any other manufacturer's – American Rotary stands behind its units!

AI Industrial Grade Rotary Phase Converter - The AI Industrial was designed specifically for the demands of industrial and agricultural applications.

Our AI Industrial digital phase converter is designed with a Type 3R enclosure for ultimate protection. AI Industrial can save you thousands of dollars a year over utility and diesel generated power sources.

The AI Industrial offers the following features

- Nema 3R/Type 3R - which allows this unit to be mounted anywhere and in any type of elements. Rain...snow...you are protected!
- American Rotary's illuminated rotary switch makes it easy to start or stop your unit. The two light indicators are a quick reference on your single phase input and start circuit operation.
- Super Quiet with our Baldor Induction Generator making this unit perfect for an indoor or outdoor application. The American Rotary/Baldor VIT Generator is protected with a patent pending custom built NEMA 3R enclosure. American Rotary's proprietary design allows for easy plug and play with your three phase equipment.
- Available in 240V or 480V and from ratings of 20-300HP
- American Rotary's heavy duty mounting base is strong and functional. They allow you to easily move the unit with a forklift, mount the device to concrete pad or floor and keep the unit off the ground and away from any moisture.
- Easy to remove and wash down filter, this filter will protect against dust, dirt and other harmful particles protecting your VIT generator and keeping you running at peak efficiencies.



| General Specifications | Data |
|-----------------------------------|------------------------------|
| Model | 30 |
| Efficiency | >98% (at Power Factor of .9) |
| Idle Power Consumption (kW) | .90 |
| Single Phase Requirements | |
| Input Voltage | 208 - 250 |
| Frequency (Hz) | 50 / 60 |
| Minimum Wire Size | 3 |
| Minimum Breaker Size | 100 |
| Three Phase Specifications | |
| Voltage Balance | 0 - 5% |
| Maximum Starting Load | 15HP / 42 amps |
| Maximum Running Load | 30HP / 84 amps |
| Physical Specifications | |
| Idler Insulation Class | F |
| Idler RPM | 1750 |
| Per Unit H X W X D | 28.5" X 20" X 33" |
| Panel Style | Nema 3R / Type 3R Indoor |
| Total Weight (lbs) | 462 |

Follow Us On:



AI-40

Rotary Phase Converter Data Sheet



American Rotary has been making premium rotary phase converters for more than 20 years. American Rotary provides industry leading telephone support for technical, application, and sizing questions. American Rotary stands behind its products with the best warranty in the industry. American Rotary uses premium components to ensure that its products perform for you. American Rotary is a UL Certified Control Panel Builder, and its rotary phase converters are available UL Listed to US and Canadian Safety Standards. American Rotary has partnered with Baldor Electric one of the world's largest and most respected manufacturers to supply its custom-engineered idler/generators. American Rotary is listed with D&B as well as the Better Business Bureau, and is committed to high ethical and privacy standards.

American Rotary's Wisconsin based team is dedicated to technical support, customer service and delivering value to its customers. With in-house R&D, engineering, tech support and manufacturing, American Rotary delivers what you need. Listed with D&B and with the Better Business Bureau, American Rotary is committed to providing you with a great buying experience. American Rotary challenges you to compare our warranties to any other manufacturer's – American Rotary stands behind its units!

AI Industrial Grade Rotary Phase Converter - The AI Industrial was designed specifically for the demands of industrial and agricultural applications.

Our AI Industrial digital phase converter is designed with a Type 3R enclosure for ultimate protection. AI Industrial can save you thousands of dollars a year over utility and diesel generated power sources.

The AI Industrial offers the following features

- Nema 3R/Type 3R - which allows this unit to be mounted anywhere and in any type of elements. Rain...snow...you are protected!
- American Rotary's illuminated rotary switch makes it easy to start or stop your unit. The two light indicators are a quick reference on your single phase input and start circuit operation.
- Super Quiet with our Baldor Induction Generator making this unit perfect for an indoor or outdoor application. The American Rotary/Baldor VIT Generator is protected with a patent pending custom built NEMA 3R enclosure. American Rotary's proprietary design allows for easy plug and play with your three phase equipment.
- Available in 240V or 480V and from ratings of 20-300HP
- American Rotary's heavy duty mounting base is strong and functional. They allow you to easily move the unit with a forklift, mount the device to concrete pad or floor and keep the unit off the ground and away from any moisture.
- Easy to remove and wash down filter, this filter will protect against dust, dirt and other harmful particles protecting your VIT generator and keeping you running at peak efficiencies.



| General Specifications | Data |
|-----------------------------------|------------------------------|
| Model | 40 |
| Efficiency | >98% (at Power Factor of .9) |
| Idle Power Consumption (kW) | 1.2 |
| Single Phase Requirements | |
| Input Voltage | 208 - 250 |
| Frequency (Hz) | 50 / 60 |
| Minimum Wire Size | 1 |
| Minimum Breaker Size | 125 |
| Three Phase Specifications | |
| Voltage Balance | 0 - 5% |
| Maximum Starting Load | 20HP / 56 amps |
| Maximum Running Load | 40HP / 112 amps |
| Physical Specifications | |
| Idler Insulation Class | F |
| Idler RPM | 1750 |
| Per Unit H X W X D | 28.5" X 20" X 33" |
| Panel Style | Nema 3R / Type 3R Indoor |
| Total Weight (lbs) | 554 |

Follow Us On:



AI-50

Rotary Phase Converter Data Sheet



American Rotary has been making premium rotary phase converters for more than 20 years. American Rotary provides industry leading telephone support for technical, application, and sizing questions. American Rotary stands behind its products with the best warranty in the industry. American Rotary uses premium components to ensure that its products perform for you. American Rotary is a UL Certified Control Panel Builder, and its rotary phase converters are available UL Listed to US and Canadian Safety Standards. American Rotary has partnered with Baldor Electric one of the world's largest and most respected manufacturers to supply its custom-engineered idler/generators. American Rotary is listed with D&B as well as the Better Business Bureau, and is committed to high ethical and privacy standards.

American Rotary's Wisconsin based team is dedicated to technical support, customer service and delivering value to its customers. With in-house R&D, engineering, tech support and manufacturing, American Rotary delivers what you need. Listed with D&B and with the Better Business Bureau, American Rotary is committed to providing you with a great buying experience. American Rotary challenges you to compare our warranties to any other manufacturer's – American Rotary stands behind its units!

AI Industrial Grade Rotary Phase Converter - The AI Industrial was designed specifically for the demands of industrial and agricultural applications.

Our AI Industrial digital phase converter is designed with a Type 3R enclosure for ultimate protection. AI Industrial can save you thousands of dollars a year over utility and diesel generated power sources.

The AI Industrial offers the following features

- Nema 3R/Type 3R - which allows this unit to be mounted anywhere and in any type of elements. Rain...snow...you are protected!
- American Rotary's illuminated rotary switch makes it easy to start or stop your unit. The two light indicators are a quick reference on your single phase input and start circuit operation.
- Super Quiet with our Baldor Induction Generator making this unit perfect for an indoor or outdoor application. The American Rotary/Baldor VIT Generator is protected with a patent pending custom built NEMA 3R enclosure. American Rotary's proprietary design allows for easy plug and play with your three phase equipment.
- Available in 240V or 480V and from ratings of 20-300HP
- American Rotary's heavy duty mounting base is strong and functional. They allow you to easily move the unit with a forklift, mount the device to concrete pad or floor and keep the unit off the ground and away from any moisture.
- Easy to remove and wash down filter, this filter will protect against dust, dirt and other harmful particles protecting your VIT generator and keeping you running at peak efficiencies.



| General Specifications | Data |
|-----------------------------------|------------------------------|
| Model | 50 |
| Efficiency | >98% (at Power Factor of .9) |
| Idle Power Consumption (kW) | 1.5 |
| Single Phase Requirements | |
| Input Voltage | 208 - 250 |
| Frequency (Hz) | 50 / 60 |
| Minimum Wire Size | 1/0 |
| Minimum Breaker Size | 150 |
| Three Phase Specifications | |
| Voltage Balance | 0 - 5% |
| Maximum Starting Load | 25HP / 70 amps |
| Maximum Running Load | 50HP / 140 amps |
| Physical Specifications | |
| Idler Insulation Class | F |
| Idler RPM | 1750 |
| Per Unit H X W X D | 28.5" X 20" X 33" |
| Panel Style | Nema 3R / Type 3R Indoor |
| Total Weight (lbs) | 583 |

Follow Us On:



AI-60

Rotary Phase Converter Data Sheet



American Rotary has been making premium rotary phase converters for more than 20 years. American Rotary provides industry leading telephone support for technical, application, and sizing questions. American Rotary stands behind its products with the best warranty in the industry. American Rotary uses premium components to ensure that its products perform for you. American Rotary is a UL Certified Control Panel Builder, and its rotary phase converters are available UL Listed to US and Canadian Safety Standards. American Rotary has partnered with Baldor Electric one of the world's largest and most respected manufacturers to supply its custom-engineered idler/generators. American Rotary is listed with D&B as well as the Better Business Bureau, and is committed to high ethical and privacy standards.

American Rotary's Wisconsin based team is dedicated to technical support, customer service and delivering value to its customers. With in-house R&D, engineering, tech support and manufacturing, American Rotary delivers what you need. Listed with D&B and with the Better Business Bureau, American Rotary is committed to providing you with a great buying experience. American Rotary challenges you to compare our warranties to any other manufacturer's – American Rotary stands behind its units!

AI Industrial Grade Rotary Phase Converter - The AI Industrial was designed specifically for the demands of industrial and agricultural applications.

Our AI Industrial digital phase converter is designed with a Type 3R enclosure for ultimate protection. AI Industrial can save you thousands of dollars a year over utility and diesel generated power sources.

The AI Industrial offers the following features

- Nema 3R/Type 3R - which allows this unit to be mounted anywhere and in any type of elements. Rain...snow...you are protected!
- American Rotary's illuminated rotary switch makes it easy to start or stop your unit. The two light indicators are a quick reference on your single phase input and start circuit operation.
- Super Quiet with our Baldor Induction Generator making this unit perfect for an indoor or outdoor application. The American Rotary/Baldor VIT Generator is protected with a patent pending custom built NEMA 3R enclosure. American Rotary's proprietary design allows for easy plug and play with your three phase equipment.
- Available in 240V or 480V and from ratings of 20-300HP
- American Rotary's heavy duty mounting base is strong and functional. They allow you to easily move the unit with a forklift, mount the device to concrete pad or floor and keep the unit off the ground and away from any moisture.
- Easy to remove and wash down filter, this filter will protect against dust, dirt and other harmful particles protecting your VIT generator and keeping you running at peak efficiencies.



| General Specifications | Data |
|-----------------------------------|------------------------------|
| Model | 60 |
| Efficiency | >98% (at Power Factor of .9) |
| Idle Power Consumption (kW) | 1.8 |
| Single Phase Requirements | |
| Input Voltage | 208 - 250 |
| Frequency (Hz) | 50 / 60 |
| Minimum Wire Size | 2/O |
| Minimum Breaker Size | 175 |
| Three Phase Specifications | |
| Voltage Balance | 0 - 5% |
| Maximum Starting Load | 30HP / 84 amps |
| Maximum Running Load | 60HP / 168 amps |
| Physical Specifications | |
| Idler Insulation Class | F |
| Idler RPM | 1750 |
| Per Unit H X W X D | 28.5" X 20" X 33" |
| Panel Style | Nema 3R / Type 3R Indoor |
| Total Weight (lbs) | 633 |

Follow Us On:



AI-75

Rotary Phase Converter Data Sheet



American Rotary has been making premium rotary phase converters for more than 20 years. American Rotary provides industry leading telephone support for technical, application, and sizing questions. American Rotary stands behind its products with the best warranty in the industry. American Rotary uses premium components to ensure that its products perform for you. American Rotary is a UL Certified Control Panel Builder, and its rotary phase converters are available UL Listed to US and Canadian Safety Standards. American Rotary has partnered with Baldor Electric one of the world's largest and most respected manufacturers to supply its custom-engineered idler/generators. American Rotary is listed with D&B as well as the Better Business Bureau, and is committed to high ethical and privacy standards.

American Rotary's Wisconsin based team is dedicated to technical support, customer service and delivering value to its customers. With in-house R&D, engineering, tech support and manufacturing, American Rotary delivers what you need. Listed with D&B and with the Better Business Bureau, American Rotary is committed to providing you with a great buying experience. American Rotary challenges you to compare our warranties to any other manufacturer's – American Rotary stands behind its units!

AI Industrial Grade Rotary Phase Converter - The AI Industrial was designed specifically for the demands of industrial and agricultural applications.

Our AI Industrial digital phase converter is designed with a Type 3R enclosure for ultimate protection. AI Industrial can save you thousands of dollars a year over utility and diesel generated power sources.

The AI Industrial offers the following features

- Nema 3R/Type 3R - which allows this unit to be mounted anywhere and in any type of elements. Rain...snow...you are protected!
- American Rotary's illuminated rotary switch makes it easy to start or stop your unit. The two light indicators are a quick reference on your single phase input and start circuit operation.
- Super Quiet with our Baldor Induction Generator making this unit perfect for an indoor or outdoor application. The American Rotary/Baldor VIT Generator is protected with a patent pending custom built NEMA 3R enclosure. American Rotary's proprietary design allows for easy plug and play with your three phase equipment.
- Available in 240V or 480V and from ratings of 20-300HP
- American Rotary's heavy duty mounting base is strong and functional. They allow you to easily move the unit with a forklift, mount the device to concrete pad or floor and keep the unit off the ground and away from any moisture.
- Easy to remove and wash down filter, this filter will protect against dust, dirt and other harmful particles protecting your VIT generator and keeping you running at peak efficiencies.



| General Specifications | Data |
|-----------------------------------|------------------------------|
| Model | 75 |
| Efficiency | >98% (at Power Factor of .9) |
| Idle Power Consumption (kW) | 2.1 |
| Single Phase Requirements | |
| Input Voltage | 208 - 250 |
| Frequency (Hz) | 50 / 60 |
| Minimum Wire Size | 4/0 |
| Minimum Breaker Size | 200 |
| Three Phase Specifications | |
| Voltage Balance | 0 - 5% |
| Maximum Starting Load | 37.5HP / 105 amps |
| Maximum Running Load | 75HP / 210 amps |
| Physical Specifications | |
| Idler Insulation Class | F |
| Idler RPM | 1750 |
| Per Unit H X W X D | 28.5" X 20" X 33" |
| Panel Style | Nema 3R / Type 3R Indoor |
| Total Weight (lbs) | 689 |

Follow Us On:



AI-100

Rotary Phase Converter Data Sheet



American Rotary has been making premium rotary phase converters for more than 20 years. American Rotary provides industry leading telephone support for technical, application, and sizing questions. American Rotary stands behind its products with the best warranty in the industry. American Rotary uses premium components to ensure that its products perform for you. American Rotary is a UL Certified Control Panel Builder, and its rotary phase converters are available UL Listed to US and Canadian Safety Standards. American Rotary has partnered with Baldor Electric one of the world's largest and most respected manufacturers to supply its custom-engineered idler/generators. American Rotary is listed with D&B as well as the Better Business Bureau, and is committed to high ethical and privacy standards.

American Rotary's Wisconsin based team is dedicated to technical support, customer service and delivering value to its customers. With in-house R&D, engineering, tech support and manufacturing, American Rotary delivers what you need. Listed with D&B and with the Better Business Bureau, American Rotary is committed to providing you with a great buying experience. American Rotary challenges you to compare our warranties to any other manufacturer's – American Rotary stands behind its units!

AI Industrial Grade Rotary Phase Converter - The AI Industrial was designed specifically for the demands of industrial and agricultural applications.

Our AI Industrial digital phase converter is designed with a Type 3R enclosure for ultimate protection. AI Industrial can save you thousands of dollars a year over utility and diesel generated power sources.

The AI Industrial offers the following features

- Nema 3R/Type 3R - which allows this unit to be mounted anywhere and in any type of elements. Rain...snow...you are protected!
- American Rotary's illuminated rotary switch makes it easy to start or stop your unit. The two light indicators are a quick reference on your single phase input and start circuit operation.
- Super Quiet with our Baldor Induction Generator making this unit perfect for an indoor or outdoor application. The American Rotary/Baldor VIT Generator is protected with a patent pending custom built NEMA 3R enclosure. American Rotary's proprietary design allows for easy plug and play with your three phase equipment.
- Available in 240V or 480V and from ratings of 20-300HP
- American Rotary's heavy duty mounting base is strong and functional. They allow you to easily move the unit with a forklift, mount the device to concrete pad or floor and keep the unit off the ground and away from any moisture.
- Easy to remove and wash down filter, this filter will protect against dust, dirt and other harmful particles protecting your VIT generator and keeping you running at peak efficiencies.



| General Specifications | Data |
|-----------------------------|------------------------------|
| Model | 100 |
| Efficiency | >98% (at Power Factor of .9) |
| Idle Power Consumption (kW) | 1.5 |
| Single Phase Requirements | |
| Input Voltage | 208 - 250 |
| Frequency (Hz) | 50 / 60 |
| Minimum Wire Size Per Unit | 1/0 |
| Minimum Breaker Size | 150 |
| Three Phase Specifications | |
| Voltage Balance | 0 - 5% |
| Maximum Starting Load | 50HP / 140 amps |
| Maximum Running Load | 100HP / 280 amps |
| Physical Specifications | |
| Idler Insulation Class | F |
| Idler RPM | 1750 |
| Per Unit H X W X D | 28.5" X 20" X 33" |
| Enclosed Contactor | 24" X 20" X 10" |
| Panel Style | Nema 3R / Type 3R Indoor |
| Total Weight (lbs) | 1166 |

Follow Us On:



AI-100 Consists of 2 complete units paired with an Enclosed Contactor panel

AI-120

Rotary Phase Converter Data Sheet



American Rotary has been making premium rotary phase converters for more than 20 years. American Rotary provides industry leading telephone support for technical, application, and sizing questions. American Rotary stands behind its products with the best warranty in the industry. American Rotary uses premium components to ensure that its products perform for you. American Rotary is a UL Certified Control Panel Builder, and its rotary phase converters are available UL Listed to US and Canadian Safety Standards. American Rotary has partnered with Baldor Electric one of the world's largest and most respected manufacturers to supply its custom-engineered idler/generators. American Rotary is listed with D&B as well as the Better Business Bureau, and is committed to high ethical and privacy standards.

American Rotary's Wisconsin based team is dedicated to technical support, customer service and delivering value to its customers. With in-house R&D, engineering, tech support and manufacturing, American Rotary delivers what you need. Listed with D&B and with the Better Business Bureau, American Rotary is committed to providing you with a great buying experience. American Rotary challenges you to compare our warranties to any other manufacturer's – American Rotary stands behind its units!

AI Industrial Grade Rotary Phase Converter - The AI Industrial was designed specifically for the demands of industrial and agricultural applications.

Our AI Industrial digital phase converter is designed with a Type 3R enclosure for ultimate protection. AI Industrial can save you thousands of dollars a year over utility and diesel generated power sources.

The AI Industrial offers the following features

- Nema 3R/Type 3R - which allows this unit to be mounted anywhere and in any type of elements. Rain...snow...you are protected!
- American Rotary's illuminated rotary switch makes it easy to start or stop your unit. The two light indicators are a quick reference on your single phase input and start circuit operation.
- Super Quiet with our Baldor Induction Generator making this unit perfect for an indoor or outdoor application. The American Rotary/Baldor VIT Generator is protected with a patent pending custom built NEMA 3R enclosure. American Rotary's proprietary design allows for easy plug and play with your three phase equipment.
- Available in 240V or 480V and from ratings of 20-300HP
- American Rotary's heavy duty mounting base is strong and functional. They allow you to easily move the unit with a forklift, mount the device to concrete pad or floor and keep the unit off the ground and away from any moisture.
- Easy to remove and wash down filter, this filter will protect against dust, dirt and other harmful particles protecting your VIT generator and keeping you running at peak efficiencies.



| General Specifications | Data |
|-----------------------------------|------------------------------|
| Model | 120 |
| Efficiency | >98% (at Power Factor of .9) |
| Idle Power Consumption (kW) | 3.6 |
| Single Phase Requirements | |
| Input Voltage | 208 - 250 |
| Frequency (Hz) | 50 / 60 |
| Minimum Wire Size Per Unit | 2/0 |
| Minimum Breaker Size Per Unit | 175 |
| Three Phase Specifications | |
| Voltage Balance | 0 - 5% |
| Maximum Starting Load | 60HP / 168 amps |
| Maximum Running Load | 120HP / 336 amps |
| Physical Specifications | |
| Idler Insulation Class | F |
| Idler RPM | 1750 |
| Per Unit H X W X D | 28.5" X 20" X 33" |
| Enclosed Contactor | 24" X 20" X 10" |
| Panel Style | Nema 3R / Type 3R Indoor |
| Total Weight (lbs) | 1266 |

Follow Us On:



AI-120 Consists of 2 complete units paired with an Enclosed Contactor panel

AI-150

Rotary Phase Converter Data Sheet



American Rotary has been making premium rotary phase converters for more than 20 years. American Rotary provides industry leading telephone support for technical, application, and sizing questions. American Rotary stands behind its products with the best warranty in the industry. American Rotary uses premium components to ensure that its products perform for you. American Rotary is a UL Certified Control Panel Builder, and its rotary phase converters are available UL Listed to US and Canadian Safety Standards. American Rotary has partnered with Baldor Electric one of the world's largest and most respected manufacturers to supply its custom-engineered idler/generators. American Rotary is listed with D&B as well as the Better Business Bureau, and is committed to high ethical and privacy standards.

American Rotary's Wisconsin based team is dedicated to technical support, customer service and delivering value to its customers. With in-house R&D, engineering, tech support and manufacturing, American Rotary delivers what you need. Listed with D&B and with the Better Business Bureau, American Rotary is committed to providing you with a great buying experience. American Rotary challenges you to compare our warranties to any other manufacturer's – American Rotary stands behind its units!

AI Industrial Grade Rotary Phase Converter - The AI Industrial was designed specifically for the demands of industrial and agricultural applications.

Our AI Industrial digital phase converter is designed with a Type 3R enclosure for ultimate protection. AI Industrial can save you thousands of dollars a year over utility and diesel generated power sources.

The AI Industrial offers the following features

- Nema 3R/Type 3R - which allows this unit to be mounted anywhere and in any type of elements. Rain...snow...you are protected!
- American Rotary's illuminated rotary switch makes it easy to start or stop your unit. The two light indicators are a quick reference on your single phase input and start circuit operation.
- Super Quiet with our Baldor Induction Generator making this unit perfect for an indoor or outdoor application. The American Rotary/Baldor VIT Generator is protected with a patent pending custom built NEMA 3R enclosure. American Rotary's proprietary design allows for easy plug and play with your three phase equipment.
- Available in 240V or 480V and from ratings of 20-300HP
- American Rotary's heavy duty mounting base is strong and functional. They allow you to easily move the unit with a forklift, mount the device to concrete pad or floor and keep the unit off the ground and away from any moisture.
- Easy to remove and wash down filter, this filter will protect against dust, dirt and other harmful particles protecting your VIT generator and keeping you running at peak efficiencies.



| General Specifications | Data |
|-------------------------------|------------------------------|
| Model | 150 |
| Efficiency | >98% (at Power Factor of .9) |
| Idle Power Consumption (kW) | 4.2 |
| Single Phase Requirements | |
| Input Voltage | 208 - 250 |
| Frequency (Hz) | 50 / 60 |
| Minimum Wire Size Per Unit | 4/0 |
| Minimum Breaker Size Per Unit | 200 |
| Three Phase Specifications | |
| Voltage Balance | 0 - 5% |
| Maximum Starting Load | 75HP / 210 amps |
| Maximum Running Load | 150HP / 420 amps |
| Physical Specifications | |
| Idler Insulation Class | F |
| Idler RPM | 1750 |
| Per Unit H X W X D | 28.5" X 20" X 33" |
| Enclosed Contactor | 24" X 20" X 10" |
| Panel Style | Nema 3R / Type 3R Indoor |
| Total Weight (lbs) | 1378 |

Follow Us On:



AI-150 Consists of 2 complete units paired with an Enclosed Contactor panel

AI-200

Rotary Phase Converter Data Sheet



American Rotary has been making premium rotary phase converters for more than 20 years. American Rotary provides industry leading telephone support for technical, application, and sizing questions. American Rotary stands behind its products with the best warranty in the industry. American Rotary uses premium components to ensure that its products perform for you. American Rotary is a UL Certified Control Panel Builder, and its rotary phase converters are available UL Listed to US and Canadian Safety Standards. American Rotary has partnered with Baldor Electric one of the world's largest and most respected manufacturers to supply its custom-engineered idler/generators. American Rotary is listed with D&B as well as the Better Business Bureau, and is committed to high ethical and privacy standards.

American Rotary's Wisconsin based team is dedicated to technical support, customer service and delivering value to its customers. With in-house R&D, engineering, tech support and manufacturing, American Rotary delivers what you need. Listed with D&B and with the Better Business Bureau, American Rotary is committed to providing you with a great buying experience. American Rotary challenges you to compare our warranties to any other manufacturer's – American Rotary stands behind its units!

AI Industrial Grade Rotary Phase Converter - The AI Industrial was designed specifically for the demands of industrial and agricultural applications.

Our AI Industrial digital phase converter is designed with a Type 3R enclosure for ultimate protection. AI Industrial can save you thousands of dollars a year over utility and diesel generated power sources.

The AI Industrial offers the following features

- Nema 3R/Type 3R - which allows this unit to be mounted anywhere and in any type of elements. Rain...snow...you are protected!
- American Rotary's illuminated rotary switch makes it easy to start or stop your unit. The two light indicators are a quick reference on your single phase input and start circuit operation.
- Super Quiet with our Baldor Induction Generator making this unit perfect for an indoor or outdoor application. The American Rotary/Baldor VIT Generator is protected with a patent pending custom built NEMA 3R enclosure. American Rotary's proprietary design allows for easy plug and play with your three phase equipment.
- Available in 240V or 480V and from ratings of 20-300HP
- American Rotary's heavy duty mounting base is strong and functional. They allow you to easily move the unit with a forklift, mount the device to concrete pad or floor and keep the unit off the ground and away from any moisture.
- Easy to remove and wash down filter, this filter will protect against dust, dirt and other harmful particles protecting your VIT generator and keeping you running at peak efficiencies.



| General Specifications | Data |
|-------------------------------|------------------------------|
| Model | 200 |
| Efficiency | >98% (at Power Factor of .9) |
| Idle Power Consumption (kW) | 6.0 |
| Single Phase Requirements | |
| Input Voltage | 208 - 250 |
| Frequency (Hz) | 50 / 60 |
| Minimum Wire Size Per Unit | 1/0 |
| Minimum Breaker Size Per Unit | 150 |
| Three Phase Specifications | |
| Voltage Balance | 0 - 5% |
| Maximum Starting Load | 100HP / 280 amps |
| Maximum Running Load | 200HP / 560 amps |
| Physical Specifications | |
| Idler Insulation Class | F |
| Idler RPM | 1750 |
| Per Unit H X W X D | 28.5" X 20" X 33" |
| Enclosed Contactor | 24" X 20" X 10" |
| Panel Style | Nema 3R / Type 3R Indoor |
| Total Weight (lbs) | 2332 |

AI-200 Consists of 4 complete units paired with an Enclosed Contactor panel

Follow Us On:



AI-300

Rotary Phase Converter Data Sheet



American Rotary has been making premium rotary phase converters for more than 20 years. American Rotary provides industry leading telephone support for technical, application, and sizing questions. American Rotary stands behind its products with the best warranty in the industry. American Rotary uses premium components to ensure that its products perform for you. American Rotary is a UL Certified Control Panel Builder, and its rotary phase converters are available UL Listed to US and Canadian Safety Standards. American Rotary has partnered with Baldor Electric one of the world's largest and most respected manufacturers to supply its custom-engineered idler/generators. American Rotary is listed with D&B as well as the Better Business Bureau, and is committed to high ethical and privacy standards.

American Rotary's Wisconsin based team is dedicated to technical support, customer service and delivering value to its customers. With in-house R&D, engineering, tech support and manufacturing, American Rotary delivers what you need. Listed with D&B and with the Better Business Bureau, American Rotary is committed to providing you with a great buying experience. American Rotary challenges you to compare our warranties to any other manufacturer's – American Rotary stands behind its units!



AI Industrial Grade Rotary Phase Converter - The AI Industrial was designed specifically for the demands of industrial and agricultural applications.

Our AI Industrial digital phase converter is designed with a Type 3R enclosure for ultimate protection. AI Industrial can save you thousands of dollars a year over utility and diesel generated power sources.

The AI Industrial offers the following features

- Nema 3R/Type 3R - which allows this unit to be mounted anywhere and in any type of elements. Rain...snow...you are protected!
- American Rotary's illuminated rotary switch makes it easy to start or stop your unit. The two light indicators are a quick reference on your single phase input and start circuit operation.
- Super Quiet with our Baldor Induction Generator making this unit perfect for an indoor or outdoor application. The American Rotary/Baldor VIT Generator is protected with a patent pending custom built NEMA 3R enclosure. American Rotary's proprietary design allows for easy plug and play with your three phase equipment.
- Available in 240V or 480V and from ratings of 20-300HP
- American Rotary's heavy duty mounting base is strong and functional. They allow you to easily move the unit with a forklift, mount the device to concrete pad or floor and keep the unit off the ground and away from any moisture.
- Easy to remove and wash down filter, this filter will protect against dust, dirt and other harmful particles protecting your VIT generator and keeping you running at peak efficiencies.

| General Specifications | Data |
|-------------------------------|------------------------------|
| Model | 300 |
| Efficiency | >98% (at Power Factor of .9) |
| Idle Power Consumption (kW) | 8.4 |
| Single Phase Requirements | |
| Input Voltage | 208 - 250 |
| Frequency (Hz) | 50 / 60 |
| Minimum Wire Size Per Unit | 4/O |
| Minimum Breaker Size Per Unit | 200 |
| Three Phase Specifications | |
| Voltage Balance | 0 - 5% |
| Maximum Starting Load | 150HP / 410 amps |
| Maximum Running Load | 300HP / 840 amps |
| Physical Specifications | |
| Idler Insulation Class | F |
| Idler RPM | 1750 |
| Per Unit H X W X D | 28.5" X 20" X 33" |
| Enclosed Contactor | 24" X 20" X 10" |
| Panel Style | Nema 3R / Type 3R Indoor |
| Total Weight (lbs) | 2756 |

Follow Us On:



AI-300 Consists of 4 complete units paired with an Enclosed Contactor panel