

Rotary Phase Converter Electrical Specifications | Model size: 6000-55KW

TEMCo Heavy Duty Rotary Phase Converters provide utility quality 3-phase power converted from single phase power. TEMCo's world class products are being used throughout the US and internationally every day.

Common single to 3-phase conversion uses include:

- Machine Shops
- Woodworking
- Farm Equipment
- Restaurant Equipment
- Petrochemicals
- Home Hobbyist
- Oil Fields
- Irrigation
- High Tech
- Military
- Aerospace Industry
- Hospitals

TEMCo products meet the demands of tough industrial applications with dependability and quality.

Why choose TEMCo for your single to three phase needs?

- Run 3-phase equipment on single phase with a TEMCo Phase Converter.
- Rotary Higher quality lasts longer.
With minimal maintenance, requiring only periodic bearing grease, life expectancy is indefinite.
- TEMCo is a member of the Better Business Bureau.
TEMCo is a company you can trust.
- Quiet & smooth operation
TEMCo's Phase Converters are known for their unusually cool, smooth and quiet running characteristics.
- Every TEMCo Phase Converter carries a 6-Year Warranty.
In fact, it's the longest warranty available, unparalleled industry wide.
- Proudly Made in the U.S.A.

Table no. 1	Series 6000 Model Sizes
1-phase input voltage	208-240V or 440-480V *
1-phase input frequency	60 Hz
3-phase output voltage	= 1 phase Volts + 10% on L3 (non Loaded)
3-phase output frequency	60 Hz
3-phase output voltage tolerance	±10%
3-phase output phase angle	120°
Rating	40C amb.-cont.
Ambient humidity	<95% (non-condensing)
Maximum altitude	3300 ft above sea level (see note 2)
Enclosure	Type 1

Table no. 2	Model	
	230V 6000-55KW	460V 6000-55KW
Maximum Medium run or start HP	37.5 HP	37.5 HP
Maximum Hard run or start HP	25 HP	25 HP
Maximum recommended group load HP	50 HP	50 HP
Continuous 3-phase output amps	130 amps	65 amps
Peak 3-phase output amps	174 amps	87 amps
Peak kW output	55 kW	55 kW
Peak 1-phase amps required	300 amps	150 amps
Approximate 1-phase idle amps	20 amp	10 amps
1-phase breaker recommended	300 amps	150 amps
1-phase fuse recommended	300 amps (see note 1)	150 amps (see note 1)
Recommended 1-phase wire size	250 kcmil	2 AWG
Recommended 3-phase wire size	2/0 AWG	4 AWG



* The default factory voltage configuration in this model is 208-240V. Units to be operated on 440-480V are built to order.

Note 1: Use only non time-delay fuses to protect this TEMCo Phase Converter

Note 2: De-rate TEMCo Phase Converter 20% for installation above 3300 feet altitude.

Call to order

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