

6500-3KW

Rotary Phase Converter Data Sheet



TEMCo Heavy Duty Rotary Phase Converters provide utility quality three phase power from a single phase power supply. TEMCo's world class products are being used throughout the United States and internationally.

Common Phase Converter Uses:

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



Phase Converter Features:

6yr Full 6 Year Warranty

HEAVY DUTY Rugged Heavy Duty Rotary Design



100% Copper Windings
(Energy Efficient, Environmentally Friendly)

100% American Made



208-240v or 440-480v
Operation



Quiet Operation, 63db @ 10ft
(No Louder Than Human Conversation)

Specifications:

1-Phase Input Voltage	208-240v or 440-480v	
1-Phase Input Frequency	60 Hz	
3-Phase Output Voltage	= 1-Phase Volts + 5% on L2 (Non-Loaded)	
3-Phase Output Frequency	60 Hz	
3-Phase Output Voltage Balance	± 5%	
3-Phase Output Phase Angle	120°	
Temperature Rating	40° C Ambient Continuous	
Ambient Humidity	<95% (Non-Condensing)	
Maximum Altitude	3,300 ft. Above Sea Level (De-rate 20% if above 3,300 ft.)	
Enclosure	NEMA 1 (Indoor)	
	230v	460v
Maximum Medium Run or Start HP	2.5 HP	2.5 HP
Maximum Hard Run or Start HP	1.6 HP	1.6 HP
Maximum Group Load HP	3.7 HP	3.7 HP
Continuous 3-Phase Output Amps	11.4 Amps	5.7 Amps
Peak 3-Phase Output Amps	15.2 Amps	7.6 Amps
Peak kW Output	3 kW	3 kW
Peak 1-Phase Amps Required	26.3 Amps	13.1 Amps
Approximate 1-Phase Idle Amps	1.5 Amps	.75 Amps
1-Phase Breaker Recommended	25 Amps	15 Amps
1-Phase Fuse Recommended	25 Amp Dual-Element Time Delay	10 Amp Dual-Element Time Delay
Recommended 1-Phase Wire Size	10 AWG	12 AWG
Recommended 3-Phase Wire Size	12 AWG	12 AWG

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