

S6000-74KW

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 Operation
(Factory Reconfigurable 440-480v)



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 + 10% on L3 (Non-Loaded) | |
| 3-Phase Output Frequency | 60 Hz | |
| 3-Phase Output Voltage Balance | ± 10% | |
| 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 | 50 HP | 50 HP |
| Maximum Hard Run or Start HP | 33 HP | 33 HP |
| Maximum Group Load HP | 66 HP | 66 HP |
| Continuous 3-Phase Output Amps | | |
| Peak 3-Phase Output Amps | | |
| Peak kW Output | | |
| Peak 1-Phase Amps Required | | |
| Approximate 1-Phase Idle Amps | | |
| 1-Phase Breaker Recommended | | |
| 1-Phase Fuse Recommended | | |
| Recommended 1-Phase Wire Size | | |
| Recommended 3-Phase Wire Size | | |

Specifications to be determined per application.

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