

40HP “Smart-Boost™” Rotary Phase Converter



Features

- Smart-Boost™ Digital Controller
- 600% Motor Starting Boost Current
- Complete Phase Power Failure Protection
- Built-in Motor Starter
- Easy Installation
- Power Factor Corrected
- Custom made Phase Converter Generators by Baldor USA
- Low Impedance/High Efficiency Design
- MADE IN USA



Model	
Brand	NAPCES
Line	Smart-Boost™
Model #	SB-40
General Specifications	
Horse Power (HP)	40
Kilo-watt (kW)	29.8
Frequency (Hz)	60
Generator Type	ODP
Enclosure Type	NEMA 1 (Indoor)
Generator Frame	286
Single Phase Electrical Specifications	
Voltage Input	220 - 250
Minimum Fuse Size	100
Minimum Circuit Breaker Size	100
Maximum Fuse Size	200
Maximum Circuit Breaker Size	200
Minimum Wire Input	4/0 AWG
Idle Amperage	12.24
Three Phase Electrical Specifications	
Voltage Output	220 - 250, based on input
Output Amperage	104
Voltage Balance	5-10%
Minimum Wire to Generator	1 AWG
Minimum Wire to Load	1 AWG or based on load
Dimensions & Weights	
Enclosure (H X W X D)	24" X 18" X 8"
Idler (Approx.) Length X Dia.	21.5" X 13.25"
Approx. Total Shipping Weight	371 lbs. (ODP)

The PL-40 Pro-Line Phase Converter is best sized for:

Easy / Light Motor Loads - up to 40HP

Examples of Easy Loads: Sliding Table Saw, Panel Saw, Buffer

Medium Motor Loads - up to 40HP

Examples of Medium Loads: Belt Sander, Grinder, Mixer

Hard Motors Loads - up to 25HP

Examples of Hard Loads: Gearhead Lathe, Ironworker, Shear

Very Hard Motor Load - up to 20HP

Examples of Very Hard Motor Loads: Air Compressor, Sub. Pump

CNC, Resistive and Inductive Loads - up to 61 Amps @ 240 Volts