

PHASE CONVERTER GENERAL USAGE GUIDE

APPLICATION		RECOMMEND	DED UNITS & SPE	CIAL NOTES	
Air Compressor – Rotary Screw	ADD-A-PHASE®	ECONO-PHASE® SHIFTER	ROTO-CON®	ROTO-LOAD CENTER®	ROTOVERTER®
Air Compressor – Cycling Piston	•				
Aircraft Ground Power Unit (GPU)			•		
Aircraft Hydraulic "Mule"			Oversized		•
Auger (Grain) Baler - Hydraulic	• Type AA-HE		(Without fans)		(With fans)
Battery Charger	турстите		•		
Blender – Fertilizer/Concrete			Oversized to handle starting load		
Blower – Axial	•				• Fans with auger
Blower – Centrifugal	•				•
Blower – Die Bold Blower – Dust Collector	•				
Blower – Exhaust	•				•
Blower – HVAC	•			•	
Blower – Pneumatic Grain Handler			•		•
Bridge Crane			With delta/wye XFMR	•	
Buffer – Floor			Single panel with oversized rotary		
Car Wash – Automatic					•
Car Wash – Manual Pressure Washer	If single motor				If multiple motor
Center Pivot – Multiple Tower Motors Contor Pivot – Hydraulic			ROTO-CON Type CP		
Center Pivot – Hydraulic					
CNC Equipment			Single panel with oversized rotary	•	-
CNC Router with Vacuum Table Compactor – Mechanical				•	•
Compactor – Hydraulic	Type AA-HE		Oversized Oversized RC		
Compressor – HVAC	•	_		•	
Compressor – Refrigeration Walk-in	•				
Compressor – Refrigeration Truck Conveyor			•		•
Conveyor Dialysis Machine	•		Oversized RC		
Dishwasher			Sized for total FLA of		
Door Opener	T. W. LUD		machine		
Dough Mixer	Type HD		Oversized		
Orill Press		Light use, not commercial	•		
Edge Bander			•		
Elevator – Cable or Traction			Type AS-DS - Oversized RC with automatic start &	If elevator, uses VFD	
Elevator – Hydraulic	Town III AA		delay stop		
Embroidery Machine	Type HE-AA		Size by amperage,		
Flood Gate			not motor		
Grain Leg – Bucket	Type HD		•		
Grinder – Feed			Oversized		
Grinder – Wheel			•		
Hammermill		•	Oversized RC		
Hoist – Chain		PS-OF - Can only be used if hoist brake is mechanical and	Single panel with oversized rotary must be used if hoist brake is		
Ice Cream Machine –		not electrical	electrical		
Soft-Serve or Yogurt & Gelato Iron Worker			Oversized		
Landfill Flare	•				
Lathe		Light use and	Commercial use or other 3ø equipment		
1266 Hardrandia		single speed motors ≤5 HP	in shop		
Lift – Hydraulic • Ball & Screw			Single panel with oversized rotary		
Milling Machine		• Light use	Commercial use or other 3ø equipment in shop		
Molding Machine – Plastic Injection			Single panel with		
Paper Cutter - Hydraulic			oversized rotary		
Paper Cutter – Mechanical			Oversized RC Oversized for hard		
			start conditions		
Pizza Oven			Sized for heat load, buck boost transformer may be required		
Planer			Oversized for hard		
Printing Press or Copier - Electronic			starting load	•	
Printing Press – Mechanical	_	_	Oversized		_
Pump Jack	Any other than D motor (1800 or	Design D Motor (Low PF & RPM)			
Pump – Centrifugal	3600 RPM)	. ~ IN IVI)			
Pump – Fuel/propane	Not explosion				
Pump – Manure	proof				
 Sewage Lift Submersible Swimming Pool Turbine, Vertical Hollow Shaft Water Booster 	•				
Pump – Positive Displacement					•
Punch Press – Hydraulic			•		_
Punch Press – Flywheel			Oversized RC		
Router (not CNC)			•		
Saw – Band Saw		Small, light use	Commercial use with other 3ø equipment		
aw – Chop • Door Panel • Padial Arm				_	
Radial ArmStoneTable			•		
Sewing Machine Not Embroidery Machine)		•	For multiple sewing		
Shear – Hydraulic			machines		
Freat like Other Hydraulic Systems Shear – Flywheel • Mechanical			Oversized		
• Mechanical Test Bench			Single panel,		Single panel, ful
			unloaded or variable testing		HP continuous testing
ire Changer /acuum Packer			•		•
/acuum Packer /acuum Table					Type D
/alve Actuator (MOV)	• Type HD		•		
Variable Frequency Drive	·-		Buck boost		
Variable Frequency Drive			transformer or 3ø D-Y transformer usually required		•
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Wine Making Equipment

Warning Siren

Washing Machine

Welder - Resistive

Wheel Balancer

Welder - Motor Driven

Type HD

Oversized

Sized for resistive load

Oversized 2Xs