


HARMONICGUARD[®] LOW CAPACITANCE



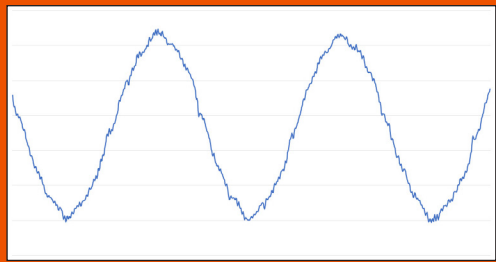
Technical Specifications

Voltage ratings	480 & 600 VAC 60 Hz
kVAR rating	0.15 kVAR/HP
Load Types	3-phase diode bridge rectifier loads. Consult TCI for other load types.
Load power range	480/600VAC: 20 - 900HP
Current ratings	The included series reactors can tolerate 200% of rated current for no more than 3 minutes.
SCCR (short circuit current rating)	Standard rating is 100kA.
Maximum elevation	Up to 2000m without derating. Consult TCI for higher elevation
Maximum ambient operating temperature	Open: 50°C (122°F), Enclosed: 40°C (104°F). Product must be equipped with special cooling provisions for operation above this temperature.
Maximum ambient storage temperature	60°C (140°F)
Maximum humidity, operating or storage	95%, non-condensing
Enclosure options	Open Chassis, UL Type 1, UL Type 3R
Agency approvals or certifications	 cULus Listed to UL 508A and CSA C22.2 No. 14
Fusing and protection	All units have internal fuse protection for the capacitor branch circuit.

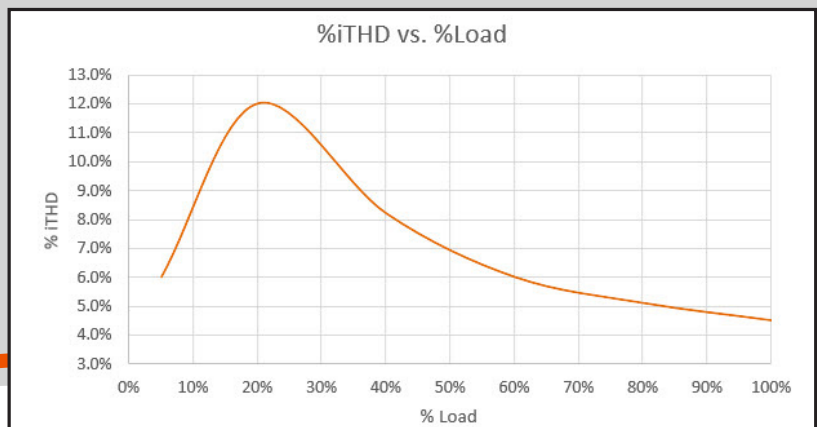
Supply Current Before HGL



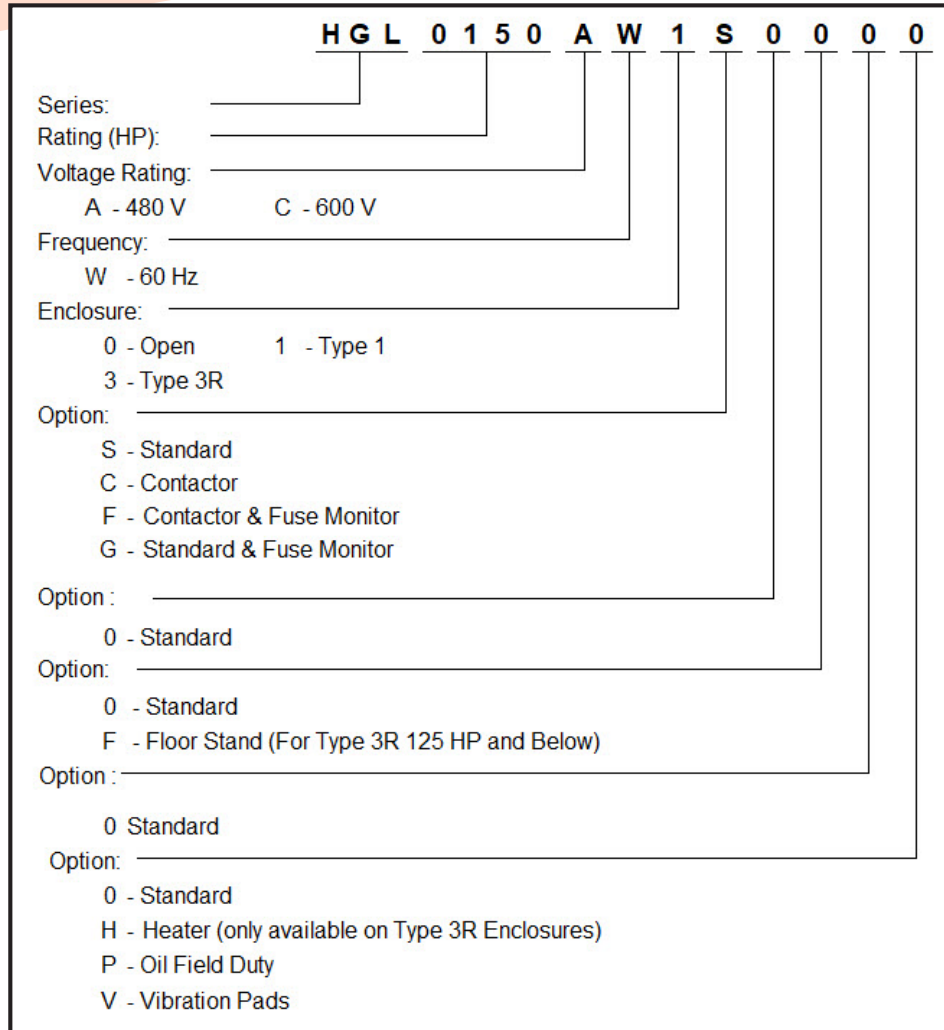
Supply Current After HGL



iTHD% vs. % Load



Part Numbering System



One-Line Diagram

