

HGP Open Part Number	Schematic Drawing #	Approx Weight (LBS)
HGP0300AW0S0000	28697-1S	477
HGP0300AW0C0000	28697-1	490
HGP0300AW0S1000	29597-PQ1	479
HGP0300AW0C1000	29597-PQ	492

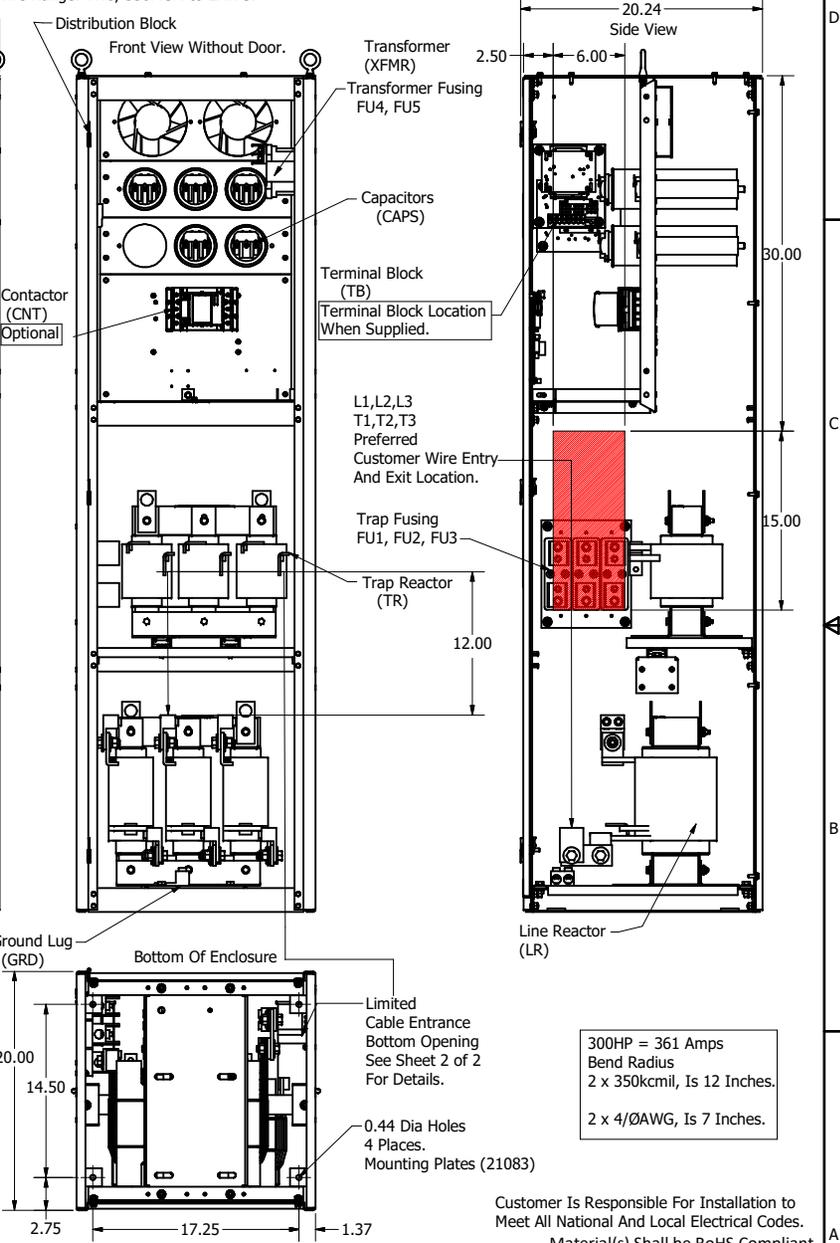
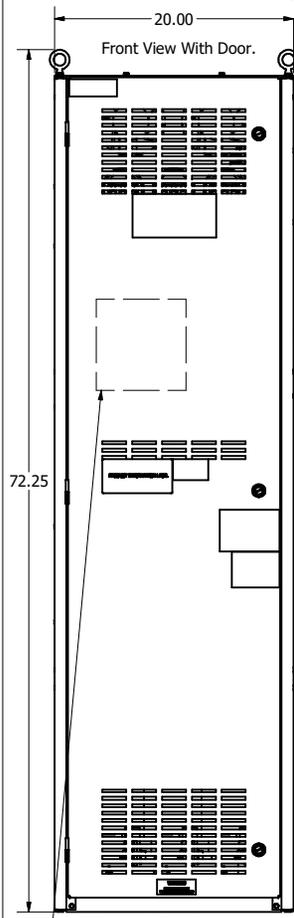
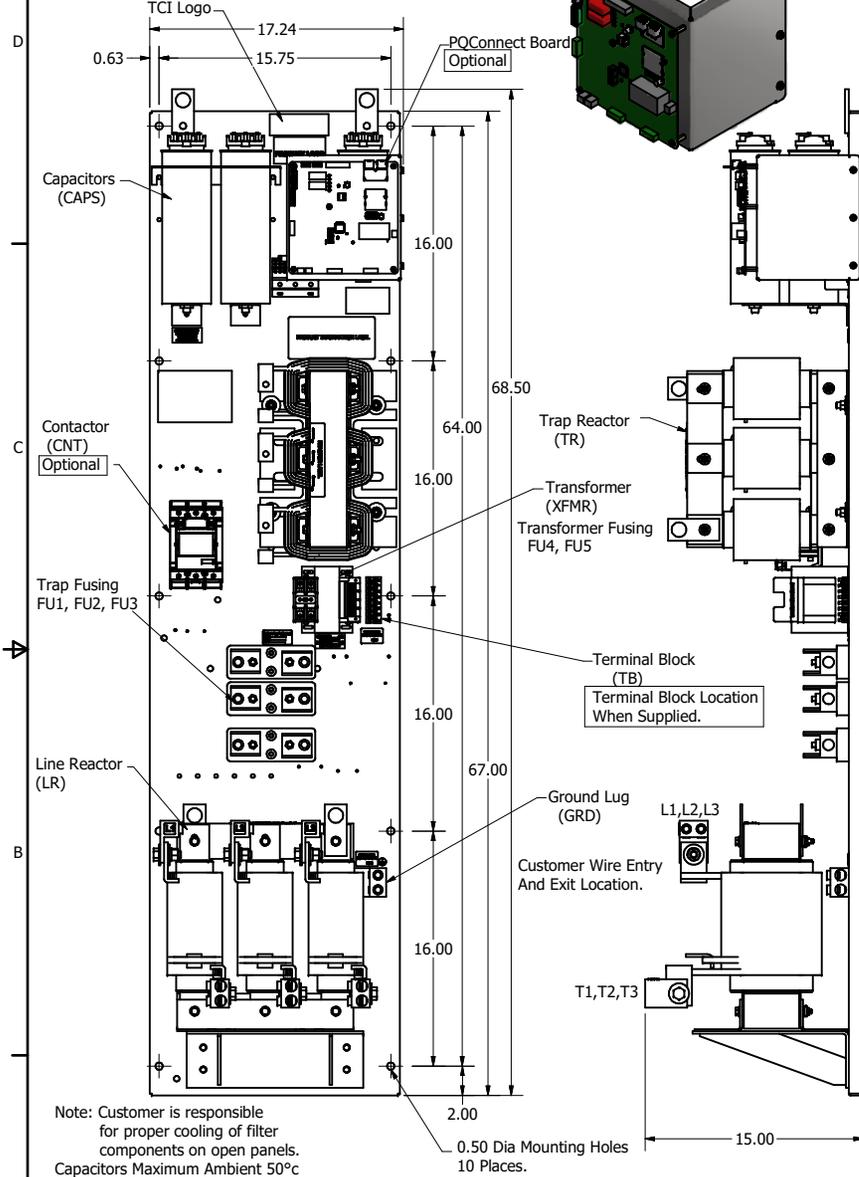
HGP Part Number	HorsePower (HP)	kVar	Harmonic	Voltage (V)	Maximum Amps (A)	Hz.	Phase
HGP0300AW----	300	90	5th	480	361	60	3

Note: For Torque Information See IOM Manual.

Customer Connections.
L1, L2, L3, T1, T2, T3
Wire Range: Two, 350MCM to 2AWG.

HGP Enclosed Type 1 Part Number	Schematic Drawing #	Approx Weight (LBS)
HGP0300AW1S0000	28697-5S	630
HGP0300AW1C0000	28697-5	640
HGP0300AW1S1000	29597-PQ1	633
HGP0300AW1C1000	29597-PQ	643

Ground Lug
Wire Range: Two, 350MCM to 2AWG.



Note: Customer is responsible for proper cooling of filter components on open panels. Capacitors Maximum Ambient 50°C

300HP = 361 Amps
Bend Radius
2 x 350kcmil, Is 12 Inches.
2 x 4/0AWG, Is 7 Inches.

Components	HGP0300AW----			
	0S0000/1S0000	0C0000/1C0000	0S1000/1S1000	0C1000/1C1000
Line Reactor (LR)	X	X	X	X
Trap Reactor (TR)	X	X	X	X
Capacitor (Cap)	X	X	X	X
Trap Fusing, FU1, FU2, FU3	X	X	X	X
Contactor (CNT)		X		X
Transformer (XFMR)	X (Type 1)	X	X	X
XFMR Fusing, FU4, FU5	X (Type 1)	X	X	X
PQConnect Board			X	X

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NO	REVISION	DATE	BY
1	5636, GE to ABB CNT Change	11/29/2021	DSW
11	5471, Drawing Updates, Wire Entry Details	1/11/2021	DSW

TOLERANCES (EXCEPT AS NOTED)	
DECIMAL	.XX ± .25 .XXX ± .10
FRACTIONAL	± 1/16
ANGULAR	± 1°

Customer Is Responsible For Installation to Meet All National And Local Electrical Codes.
Material(s) Shall be RoHS Compliant

TCI W182N10611 (Rev 11/20) Germanstown, WI 53022 © 2021 TCI, LLC
An Official Motion Gateway

HGP0300AW----, HarmonicGuard Passive
HGP, 300HP, 480/3/60, Open / Type I

DRN BY: DSW DATE: 4/21/2014 105492DG
SCALE: 1/8 DRAWN BY: DSW

SHEET 1 OF 2

