




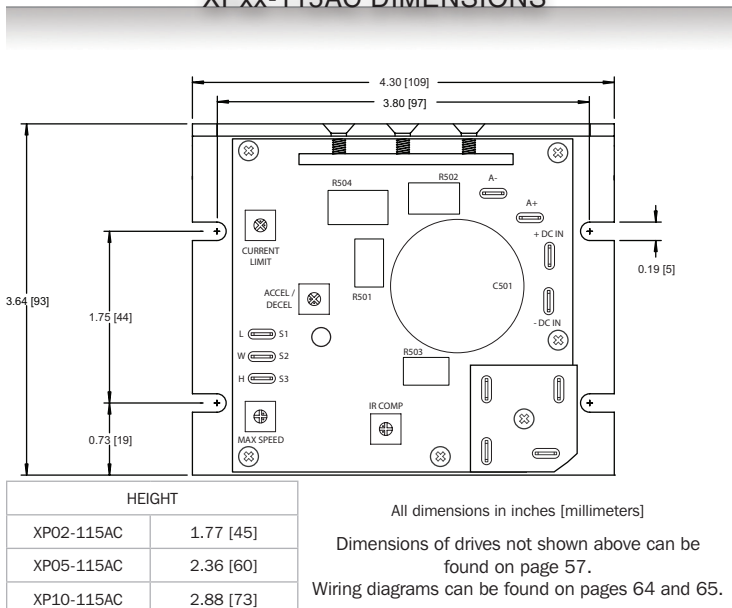
Drive	Input Voltage (VAC)	Output Voltage Range (VDC)	Max. Armature Current	HP Rating @ 90/130 VDC Output	Enclosure	Reversing	Isolation	Field Supply (VDC) ****	UL Rec. 	CSA 	CE TUV 
C1XP01-115AC-A	115	0-130	1	1/100 - 1/10	NEMA 1	—	—	—	YES	YES	—
XP02-115AC	115	0-130	2	1/20 - 1/6	CHASSIS	*****	—	—	YES	YES	—
PCMP02-115AC	115	0-130	2	1/20 - 1/6	CHASSIS	*****	0-10 VDC	—	YES	YES	—
C1XP03-115AC-A	115	0-130	3	1/10 - 1/4	NEMA 1	—	—	—	YES	YES	—
XP05-115AC	115	0-130	5	1/4 - 1/2	CHASSIS	*****	—	—	YES	YES	—
PCMP05-115AC	115	0-130	5	1/4 - 1/2	CHASSIS	*****	0-10 VDC	—	YES	YES	—
XP10-115AC	115	0-130	10*	1/4 - 1	CHASSIS	*****	—	—	YES	YES	—
PCMP10-115AC	115	0-130	10*	1/4 - 1	CHASSIS	*****	0-10 VDC	—	YES	YES	—

* Heat sink number 223-0159 must be used when the output is above 5 amps.

**** A field supply is not available on the XP series. Minarik Drives recommends using the XL series (Pg 15).

***** See regenerative drives in Section D for PWM drives that can reverse on-the-fly.

XPxx-115AC DIMENSIONS



FEATURES

- MM footprint:** Chassis drives have an industry standard footprint.
- Low cost:** Designed for OEM applications.
- Speed range, regulation, & form factor:** 1% of base speed regulation with a 80:1 speed range and a 1.05 form factor over the entire range.
- User adjustable calibration pots:**
 - XP models: Max Speed, Current Limit, IR Comp, Accel/Decel
 - XP02-115AC-Q model: Min Speed, Max Speed, Current Limit, IR Comp
 - C1XP models: Min Speed, Max Speed, Current Limit, IR Comp
 - PCMP models: Min Speed, Max Speed, Current Limit, IR Comp, Signal Adj
- Spade terminals:** Easy to use, lower cost, and able to fit in a smaller package.
- Accepts AC or DC input:** Can accept 100-160VDC input voltage or 70-130VAC.
- Options:** “-Q” option on the XP02-115AC adds a terminal block, on-board fusing, inhibit, and replaces the Accel/Decel trim pot with a Min Speed trim pot.
- Accessories:** Heatsink 223-0159, DLC600 digital closed loop controller.
- RoHS:** All XP series models are RoHS compliant.

Specifically designed for the original equipment manufacture (OEM), the XP Series of DC motor speed drives provide high performance at a low cost. These drives are well suited for MMXL or XL drive applications who do not need all of their features. These PWM drives result in a smooth, quiet, cool and low maintenance motor operation.

The C1XP Series is enclosed in a compact NEMA 1 enclosure. The PCMP Series includes isolation so the drive can follow a remote 0-10VDC from a PLC.

Choose the XP Series for the best low cost PWM drive on the market.

See page 51 for an in-depth comparison of the different 1Q PWM drives.

