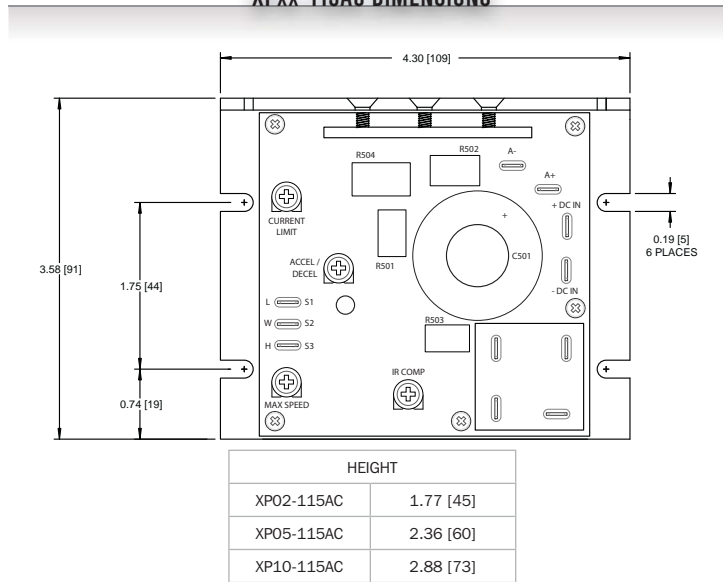


Drive	Input Voltage (VAC)	Output Voltage (VDC)	Max Current (ADC)	HP Rating @ 90/130 VDC Output	HP Rating @ 180 VDC Output	Enclosure	Reversing	Isolation	Field Supply (VDC)	Form Factor	UL	CUL	CE
C1XP01-115AC-A	115	0-130	1	1/100 - 1/10	-	NEMA 1	-	-	-	1.05	YES	-	YES
XP02-115AC	115	0-130	2	1/20 - 1/8	-	Chassis	*****	-	****	1.05	YES	-	-
XP02-115AC-Q	115	0-130	2	1/20 - 1/8	-	Chassis	*****	-	****	1.05	-	-	-
PCMPX02-115AC	115	0-130	2	1/20 - 1/8	-	Chassis	*****	0-10 VDC	-	1.05	YES	-	-
C1XP03-115AC-A	115	0-130	3	1/10 - 1/4	-	NEMA 1	-	-	-	1.05	YES	-	YES
XP05-115AC	115	0-130	5	1/4 - 1/2	-	Chassis	*****	-	****	1.05	YES	-	-
PCMPX05-115AC	115	0-130	5	1/4 - 1/2	-	Chassis	*****	0-10 VDC	-	1.05	YES	-	-
XP10-115AC	115	0-130	10*	1/2 - 1	-	Chassis	*****	-	****	1.05	YES	-	-
PCMPX10-115AC	115	0-130	10*	1/2 - 1	-	Chassis	*****	0-10 VDC	-	1.05	YES	-	-

* Heatsink number 223-0159 must be used when the output is above 5 Amps.
 ***** A field supply is not available on the XP family of Drives. Minarik Drives recommends using the XL Series (pg 14).
 ***** See NRG-4Q Series (page 27) for a PWM Regenerative drive that can reverse on-the-fly.

XPxx-115AC DIMENSIONS



All dimensions in inches [millimeters]
 Dimensions of drives not shown above can be found on page 56 and 57.
 Wiring diagrams of chassis drives can be found on pages 61, 62 and 68.

FEATURES

- **MM footprint:** Chassis drives have an industry standard footprint.
- **Low cost:** Designed for OEM applications.
- **Speed range and regulation:** 1% regulation over 80:1 speed range.
- **User adjustable calibration pots:** IR compensation, max speed, min speed (PCMPX and C1XP only), current limit, acceleration/deceleration (XP drives only), and signal adjust (PCMPX only).
- **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 trimpot with a min speed trimpot.
- **Accessories:** Heatsink 223-0159, DLC600 digital closed loop controller.

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 PCMPX 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 50 for an in-depth comparison of the different models of drives.



C1XP01-115AC-A
 C1XP03-115AC-A



XP02-115AC-Q



PCMPX02-115AC
 PCMPX05-115AC
 PCMPX10-115AC



XP05-115AC
 XP10-115AC