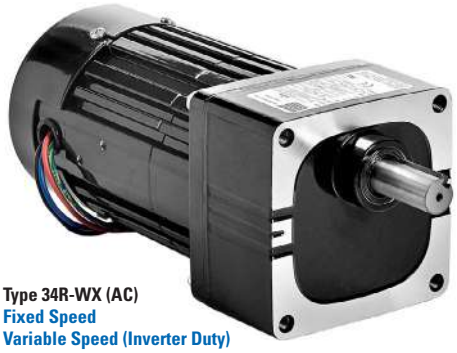
BODINE ELECTRIC COMPANY

WX Gearmotors – Fixed and Variable Speed Solutions

Type WX gearmotors are available with AC, PMDC, and brushless DC (BLDC) windings. They provide longer life and higher performance than similar gearmotors in the same size range. Our WX gearmotors deliver up to 210 lb-in (24 Nm) continuous torque. The WX gearmotors feature all-steel helical gear trains and synthetic lubricant for quiet operation over a wide temperature range.

34R-WX AC FIXED AND VARIABLE SPEED

- Fixed speed: 115 VAC/60Hz, single-phase. 1/7HP (107 Watts). 230 VAC 50/60Hz, single-phase, PSC winding also available
- Variable speed: 230/460 VAC/60Hz, three-phase, inverter duty. 1/6HP (124 Watts)
- Custom Class I, Division 2 models for hazardous locations



Type 34R-WX (AC)
Fixed Speed
Variable Speed (Inverter Duty)

33A-WX PERMANENT MAGNET DC VARIABLE SPEED

- 12/24 and 90/130 VDC stock models available
- "SCR Rated" 90V or 180VDC models available
- Ideal for fixed and variable speed applications
- High starting torque, linear speed torque characteristics
- Heavy gauge steel housing, copper graphite brushes
- Models with accessory shaft are ideal for mounting external encoders or brakes

Type 33A-WX (DC)
12/24 and 90/130 VDC
"SCR Rated" 90V or 180VDC

34B-WX BRUSHLESS DC VARIABLE SPEED

- High starting torque, linear speed torque characteristics
- Compatible with our full line of BLDC speed controls
- Quiet operation, no brush noise
- Zero maintenance, lasts longer than brush-type DC motors
- 24 and 130 VDC stock models available
- Class I, Division 2 models for hazardous locations available

Type 34B-WX (BLDC)

Typical Applications

These gearmotors are frequently used to drive conveyor systems, food processing equipment, medical equipment and factory automation.

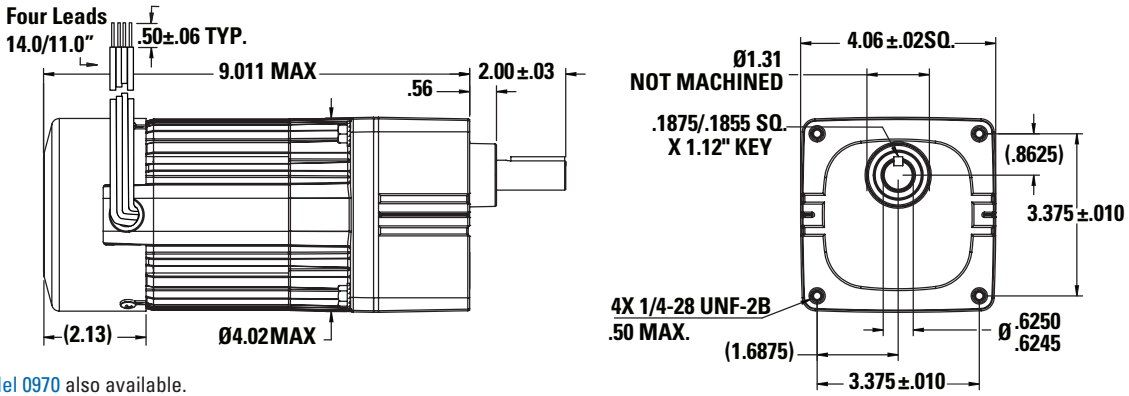
201 Northfield Road | Northfield Illinois, 60093, U.S.A. | Tel: 773.478.3515 | Fax: 773.478.3232 | www.bodine-electric.com | info@bodine-electric.com

BODINE ELECTRIC COMPANY

WX Gearmotors – Fixed and Variable Speed Solutions

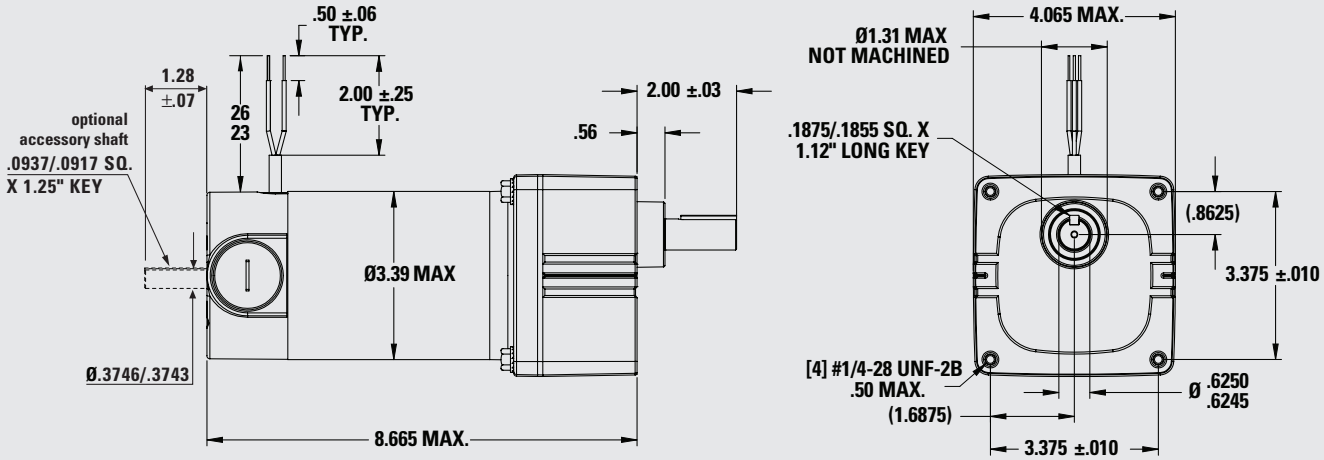
(Dimensions in Inches) For full details visit Bodine-Electric.com.

34R-WX AC Gearmotor (115 VAC, 60 Hz, single phase | 230/460 VAC, 60 Hz, three phase)



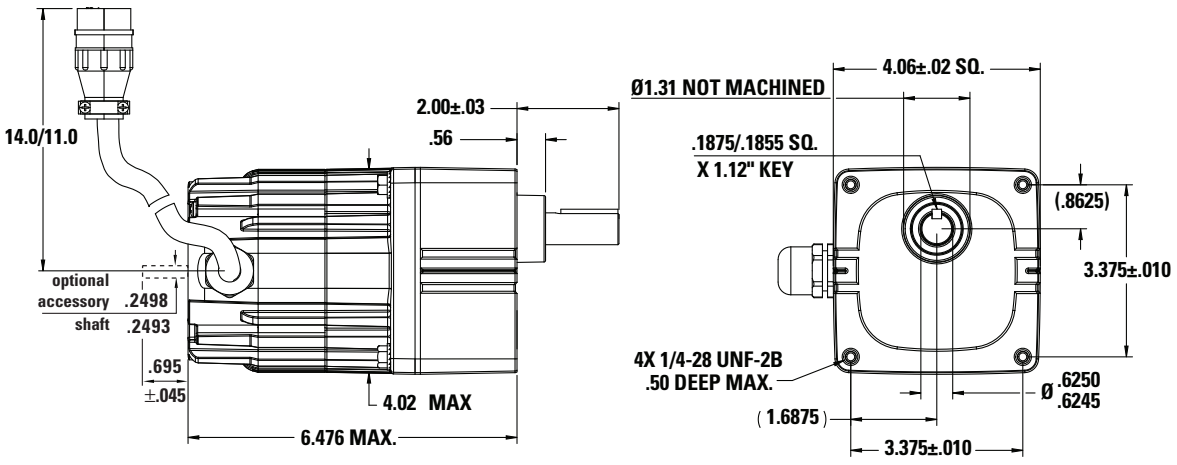
- Optional "L" bracket model 0970 also available.
- Optional terminal box model 0984 allows for convenient wiring and mounting of capacitor

33A-WX Permanent Magnet DC Gearmotor (12/24 and 90/130 VDC | "SCR Rated" 90V or 180VDC)



- "L" bracket model 0970
- Terminal box model 0984

34B-WX Brushless DC Gearmotor (130 VDC shown)



- Optional "L" Bracket model 0970 also available.

201 Northfield Road | Northfield Illinois, 60093, U.S.A. | Tel: 773.478.3515 | Fax: 773.478.3232 | www.bodine-electric.com | info@bodine-electric.com