



34R-WX AC Inverter Duty Gearmotors

Our WX gearhead is now available with our inverter-duty, AC three-phase type 34R4 winding. The WX is a high-torque gearhead, built to provide longer life and higher performance than gearmotors of similar size. The dual voltage, 230/460VAC rated winding makes this gearmotor compatible with many AC inverter drives (VFDs) and for many industrial applications.

The WX gearhead is also offered with AC fixed speed (single-phase), permanent magnet DC and Brushless DC motor windings.

WX Gearhead Features

- All steel helical gears; lubricated for life
- Double the life of previous designs
- Gearing meets or exceeds AGMA 9 standards for quiet operation
- Synthetic lubricant improves performance, and allows these gearmotors to operate in a wide temperature range
- Adaptor plate, model 0995, allows for 3-hole mounting configuration



34R Inverter Duty Motor Features

- 230/460 VAC/60Hz, three-phase, variable speed, 1/6HP (124 Watts)
- Dual Voltage winding for a wide range of applications
- Inverter duty winding is designed to be compatible with a wide range of inverter (variable frequency) drives.
- Optional terminal box kits available, model 0984 or 0985 (for IP-44)

Typical Applications

These new gearmotors are designed to drive applications such as conveyor systems, packaging equipment, metering devices and commercial appliances.

Type 34R4-WX Parallel Shaft Inverter Duty Gearmotor (Ratings for 230/460VAC, Inverter Duty, 3-phase, 60Hz, Reversible, TEFC)

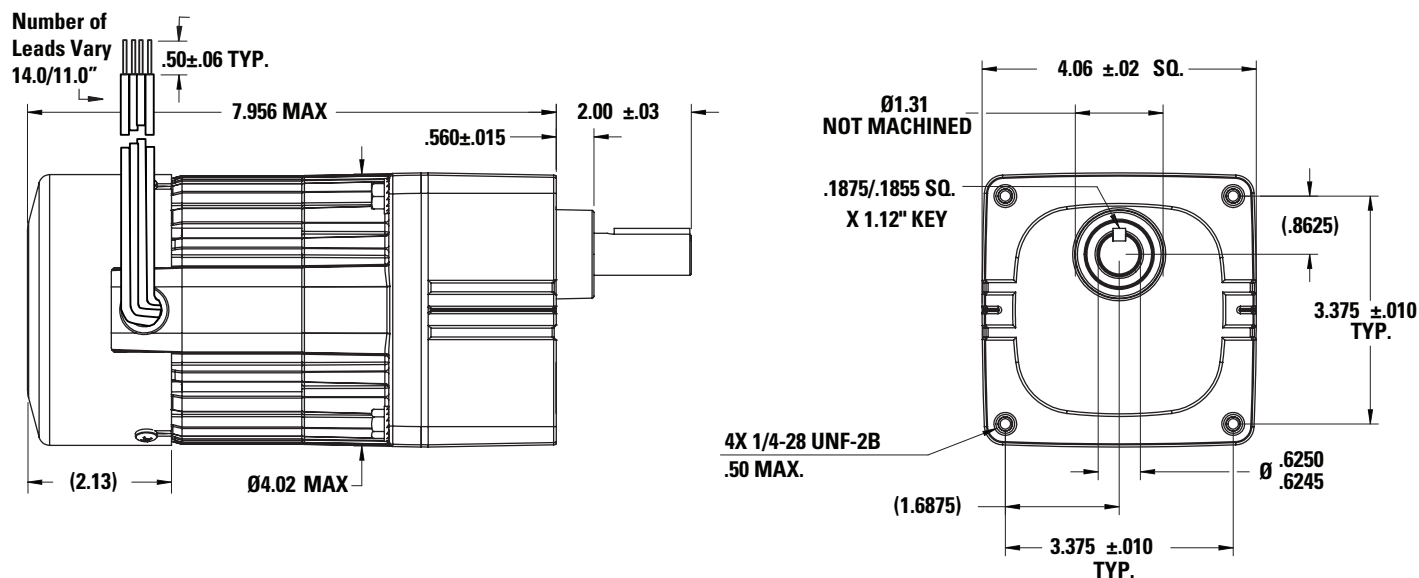
Fixed Speed Ratings		Variable Speed (SOA) Ratings ¹						Motor HP	Amps	Gear Ratio	Radial Load (lbs.)	Product Type	Model No.
Speed (rpm)	Torque (lb-in.)	Speed Range (rpm)	Frequency Range (Hz)	Torque Type	Torque @ 10 Hz	Torque @ 60 Hz	Torque @ 90 Hz						
5	210	0.4-7.0	10-90	constant	210	210	210	1/6	1.0 / 0.5	312	300	34R4BFPP-WX4	2803
10	205	0.7-13			205	205	205			172	300	34R4BFPP-WX4	2804
17	195	1.2-33			195	195	195			98	300	34R4BFPP-WX4	2805
26	195	1.8-33			195	195	195			66	300	34R4BFPP-WX3	2806
31	190	2.2-40			190	190	190			55	300	34R4BFPP-WX3	2807
39	157	2.7-50			157	157	157			44	300	34R4BFPP-WX3	2808
57	106	4.0-73			106	106	106			30	290	34R4BFPP-WX3	2809
83	77	5.9-107			77	77	77			20	268	34R4BFPP-WX2	2829
123	46	8.7-158			46	46	46			14	250	34R4BFPP-WX2	2830
181	31	13-232			31	31	31			9	226	34R4BFPP-WX2	2831
309	18	22-397			18	18	18			6	195	34R4BFPP-WX2	2832
447	9	32-574			9	9	9			4	179	34R4BFPP-WX2	2833

1. SOA: Contact the factory for detailed speed/torque information (Safe Operating Area). Lead-time: all models typically ship within ten business days.



34R-WX AC Gearmotor (230/460 VAC, Inverter Duty, 3-Phase, 60 Hz)

Gearmotor Dimensions (inches)



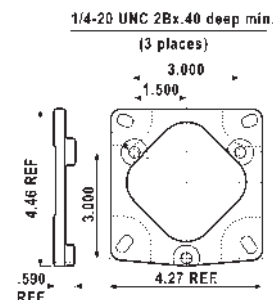
Accessories

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



Bolt-on Adaptor for Three-Hole Mounting

The WX gearhead can easily be converted to be a drop-in replacement for applications that are configured with a three-hole mounting pattern. Adaptor plate kit model 0995 simply bolts to the existing mounting holes.



Get Our 2-Year System Warranty with a System Matched Inverter Speed Control

Visit bodine-electric.com for all your motion control needs.

Get optimum performance and our exclusive 2-year warranty with a system-matched AC inverter speed control (VFD). From 1.4 to 4 Amps, output Voltage from 0-230V. Chassis and NEMA-1 and -4 enclosures models available.