



34R-FX AC CI/D2 Fixed-Speed PSC Gearmotors

Class I, Division 2 Construction For Hazardous Locations

Our 34R-FX permanent split capacitor (PSC) gearmotors are available with factory-installed terminal box, terminal block, and capacitor. These gearmotors meet NEC Class I, Division 2 standards for use in environments where flammable gases or vapors may accidentally be spilled or leak into the operating area.



Class I, Division 2 Construction

- Suitable for environments where flammable vapors may occasionally be present
- Terminal box, terminal block, pre-wired run capacitor
- Inverter-duty 230/460 VAC, 3-phase models also available from stock

FX Gearhead Features

- All steel helical gears; lubricated for life
- 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



Typical Applications

These AC fixed-speed gearmotors are designed to drive applications such as conveyor systems, packaging equipment, metering devices, commercial appliances and applications that require Class I, Division 2 standards.

Type 34R6-FX, AC Fixed Speed, PSC Gearmotors (Groups A ,B, C and D; Temperature Code T3C)

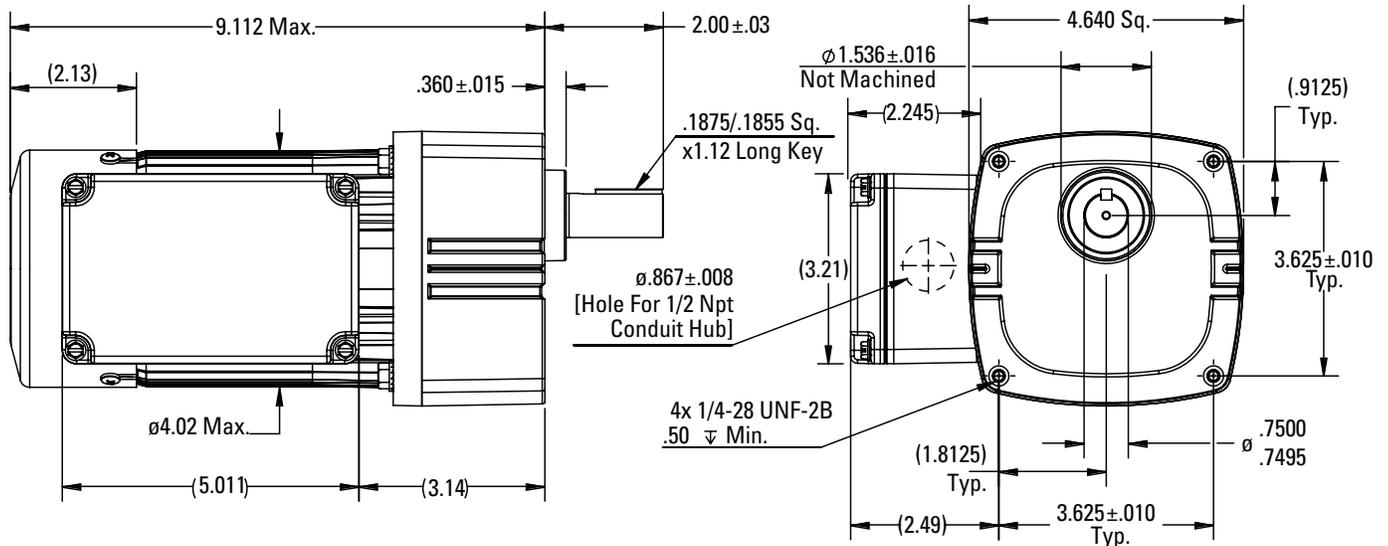
Speed (rpm)	Rated Torque (lb-in)	Power (HP)	Voltage	Frequency (Hz)	Phase	Current (Amps)	Gear Ratio	Radial Load (Lbs)	Product Type	Model Number
Permanent Split Capacitor, Non-synchronous 3-Wire-Reversible (TEFC) IP-44										Capacitor is pre-installed
5.7	350	1/7	115	60	1	1.6	300:1	274	34R6BFCI-FX4	3249
9	350	1/7	115	60	1	1.6	180:1	274	34R6BFCI-FX4	3248
14	350	1/7	115	60	1	1.6	120:1	274	34R6BFCI-FX4	3247
28	273	1/7	115	60	1	1.6	60:1	300	34R6BFCI-FX3	3246
43	182	1/7	115	60	1	1.6	40:1	300	34R6BFCI-FX3	3245
57	137	1/7	115	60	1	1.6	30:1	300	34R6BFCI-FX3	3244
85	91	1/7	115	60	1	1.6	20:1	300	34R6BFCI-FX3	3243
113	68	1/7	115	60	1	1.6	15:1	300	34R6BFCI-FX2	3242
170	46	1/7	115	60	1	1.6	10:1	300	34R6BFCI-FX2	3241
340	24	1/7	115	60	1	1.6	5:1	62	34R6BFCI-FX1	3240

These gearmotors are supplied with a factory-installed large terminal box, terminal block, and PSC models with pre-wired run capacitor (27.5µF / 250VAC).



34R-FX Class I, Division 2 AC Fixed-Speed PSC Gearmotors

Dimensions (inches).



Optional Accessories



L-Bracket Kit for E, F and FX gearmotors [model 0969]

This L-bracket kit allows for base or side-wall mount of our type E, F, and FX gearmotors (will not fit 48R-F or 48R-FX). Our standard gearmotors are designed to operate in any horizontal mounting orientation (drive shaft in 12, 3, 6 or 9 o'clock position).



Adaptor plate kit for E, F, W, WX and FX gearmotors [model 0995]

This 3-hole mounting adaptor plate for our E/F, WX and FX gearmotors provides an easy way to replace various competitor gearmotors (e.g. Bison, Leeson, Grainger).

Also available as:



Brushless DC Gearmotors for Class I/Div. 2 Hazardous Locations

Type 34B/SR-WX BLDC Gearmotors with Built-In Speed Controls

Our 34B4/SR-WX INTEGRAmotors™ meet NEC Class I, Division 2 standards for use in environments where flammable gases or vapors may accidentally be spilled or leak into the operating area. Available as standard products, they combine a PWM speed control, a brushless DC motor and a high-torque gearhead in one compact package.