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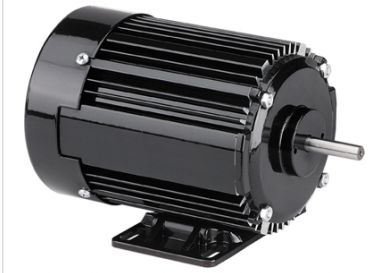
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42R Series AC Induction Motor



Base mount model shown
(0251, 0253, 0255, 0258, 0273, 0274)

Application Information

- Run capacitor is not included with PSC motors. Order with motor if not sourced separately.
- Models 0267 and 0268 are supplied with a base mount and NEMA C face mount.
- Models 0254, 0260, 0261, 0263, 0264, 0265 are supplied with NEMA C face mount.
- Models 0251, 0253, 0255, 0258, 0273, 0274 are supplied with a base mount.
- Model 0267 requires a 45µF/250VAC run capacitor for 60Hz operation (p/n 49401145) or a 40µF/250VAC capacitor (p/n 49401147) for 50Hz operation. Motor derated to 1/6 HP at 50 Hz.
- Model 0268 requires a 10µF/450VAC run capacitor for 50Hz and 60Hz operation (p/n 49401148.)

Application Note: bodine-connect-PSC-3-wire-reversible-AC-gearmotor-07470048-A.pdf (https://www.bodine-electric.com/core/files/bodineelectric/cart/f1f3efc7ef994672572f7fa36c6c93a0.pdf)

Optional Accessories

Capacitor; metal can type; 40 MFD / 250V [model 49401147] (https://www.bodine-electric.com/products/capacitors/capacitor-metal-can-type-40-mfd-250v-model-49401147/)

Die cast metric terminal box kit with terminal block for 33A, 34R, 42A, 42R, and 48R motors and gearmotors [model 1984] (https://www.bodine-electric.com/products/terminal-boxes/die-cast-metric-terminal-box-kit-with-terminal-block-for-33a-34r-42a-42r-and-48r-motors-and-gearmotors-model-1984/)

Die cast terminal box kit for 33A, 34R, 42A, 42R, and 48R motors and gearmotors [model 0984] (https://www.bodine-electric.com/products/terminal-boxes/die-cast-terminal-box-kit-for-33a-34r-42a-42r-and-48r-motors-and-gearmotors-model-0984/)

Large die cast terminal box kit for 34R, 42R, 48R, 42R-FX, 33A, 42A stock motors and gearmotors [model 0986] (https://www.bodine-electric.com/products/terminal-boxes/large-die-cast-terminal-box-kit-for-34r-42r-48r-42r-fx-33a-42a-stock-motors-and-gearmotors-model-0986/)

STANDARD FEATURES

- Totally enclosed IP-20 rating (IP-44 with optional terminal box kit installed).
- Fan cooled for high output power (TEFC).
- Aluminum center ring and end shields for high thermal efficiency and light weight.
- Permanently lubricated, noise tested ball bearings.
- Locked bearing design minimizes shaft endplay.
- Various winding and mounting options available.

AVAILABLE ITEMS

42R Series AC Induction Motor Models

Model Number	Speed / RPM	Torque / lb-in	Power / HP	Voltage
0251	1700	3.0	1/12	115 AC
0253 (https://www.bodine-electric.com/products/ac-motors/42r-series-ac-induction-motor/0251/)	1700	6.3	1/6	115 AC
0254 (https://www.bodine-electric.com/products/ac-motors/42r-series-ac-induction-motor/0253/)	1700	6.3	1/6	115 AC
0255 (https://www.bodine-electric.com/products/ac-motors/42r-series-ac-induction-motor/0254/)	3450	3.1	1/6	115 AC
0258 (https://www.bodine-electric.com/products/ac-motors/42r-series-ac-induction-motor/0255/)	1700	6.3	1/6	115 AC
0260 (https://www.bodine-electric.com/products/ac-motors/42r-series-ac-induction-motor/0258/)	1700	6.3	1/6	115 AC
0261 (https://www.bodine-electric.com/products/ac-motors/42r-series-ac-induction-motor/0260/)	1700	3.0	1/12	115 AC
0263 (https://www.bodine-electric.com/products/ac-motors/42r-series-ac-induction-motor/0261/)	1700	9.3	1/4	230 AC
0264 (https://www.bodine-electric.com/products/ac-motors/42r-series-ac-induction-motor/0263/)	1700	9.3	1/4	230 AC / 460 AC
0265 (https://www.bodine-electric.com/products/ac-motors/42r-series-ac-induction-motor/0264/)	3450	3.1	1/6	115 AC
0267 (https://www.bodine-electric.com/products/ac-motors/42r-series-ac-induction-motor/0265/)	1700	9.3	1/4	115 AC
0268 (https://www.bodine-electric.com/products/ac-motors/42r-series-ac-induction-motor/0267/)	1700	9.0	1/4	230 AC
0273 (https://www.bodine-electric.com/products/ac-motors/42r-series-ac-induction-motor/0268/)	1700	9.3	1/4	230 AC
0274 (https://www.bodine-electric.com/products/ac-motors/42r-series-ac-induction-motor/0273/)	1700	9.3	1/4	230 AC / 460 AC

(https://www.bodine-electric.com/products/ac-motors/42r-series-ac-induction-motor/0274/)

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