

3.3" Motors

High Efficiency PSC Motors for Refrigeration Evaporator and General Purpose Applications



Horsepower: 1/10 – 1/70 HP

Speed Range: 1550 RPM

Rated Voltages: 115/208-230 Volts

Enclosures: Open Air Over (OPAO) and
Totally Enclosed Air Over (TEAO)

Motor Type: Permanent Split Capacitor (PSC)



Product Overview

Product Features:

- PSC design uses over 40% less electricity than old shaded pole designs
- Features a dual plug to cover multiple Bohn[®]/Larkin[®]/Krack[®] applications
- Reversible rotation allows broader use and reduction in inventory
- Ball bearings for improved efficiency at colder temperatures
- Capacitor included with motor



3.3" Motor

Product Overview *continued*

Set up for wide plug
used in Bohn® products



Remove first section for narrow plug
(pat. pend.) used in Larkin® products



General purpose and
dual voltage motors

OEM Direct Replacements Upgrade to PSC											
PSC Catalog #	Previous Catalog #	Equipment & Industry Number References	Enclosure	HP	RPM	Volts	AMPS	Motor Type	Rotation Shaft End	Shaft	Bohn®/Larkin® Dual Cord?
9656	9656*	Bohn® 25309101, 7190-0442	OPAO	1/15	1550	230	0.48	PSC	REV	5/16 x 3.0	Yes
	9650	Bohn® 5034M, 5034MS, 5008T, 5008TS									
	9655	Kramer/Trenton JA2R140N									
	9652	Larkin® 253-1195, 7163-3371, JA2N016N, 7163-2135									
9662	9662*	Kramer/Trenton 5KSM59ES2001, E206444	OPAO	1/20	1550	115	0.85	PSC	REV	5/16 x 3.0	Yes
	9651	Bohn® 5034LS, 5034L, 5008SS, 5008S									
	9653	Larkin® 253-1194, 7163-2113, JA2N015N									
9654	9654	Krack® Ref. 11528, 11529, JAP216	TEAO	1/20	1550	115/230	.8/4	PSC	CW	5/16 x 1.63	Leads
9648	9648	Fedders S196-47-2, -3	TEAO	1/20	1550	230	0.36	PSC	REV	5/16 x 2.25	Leads
9657	9657*	Singer/Heatcraft 7071059, 8274360100	OPAO	1/10	1550	230	.7	PSC	REV	5/16 x 3.75	Leads
General Purpose Air Over Ratings											
9664	9664*	D1127, 9721	OPAO	1/12-1/20	1550	115/230	1.2/6	PSC	REV	5/16 x 3.0	Leads
9624	9624	D108, D120, 14, 18, 09915, 5523	TEAO	1/50-1/70	1550	115	0.5	SP	REV	1/4 x 2.25	Leads
	9623	D121, 15, 19, 5524									
9628	9628	D514, 28, 09916, 5527	TEAO	1/30-1/40	1550	115	0.6	SP	REV	5/16 x 2.25	Leads
	9625	D126, 26, 5525									
	9626	D127, 27, 5526									
	9627	D515, 29, 5528									
9632	9632	D132, 30, 09917, 5529	OPAO	1/20	1550	115	0.85	PSC	REV	5/16 x 2.38	Leads
	9631	D133, 31, 5530									
9641	9642	D124, 20, 5535	TEAO	1/50	1550	115	0.5	SP	REV	1/4 x 2.25	Leads
	9641	D125, 21, 5536									

*PSC

Nidec
NIDEC MOTOR CORPORATION

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8050 W. Florissant Avenue | St. Louis, MO 63136

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HVACR Customer Service
Phone: 855-487-6686 | Fax: 800-899-2887