

GE COMMERCIAL MOTORS BY REGAL-BELOIT HVAC MOTORS
DIRECT DRIVE FURNACE & CENTRAL AIR CONDITIONING
Energy Saver Plus



Cat. #3984

Features

- Optimized high efficiency design
- Upper NEMA Hp band
- All-angle mounting position
- Reversible rotation with reversing plug
- 6.5" shaft
- 30" leads
- Cushion ring mounting
- 2 ¼ - 2 ½ resilient ring adapter included
- Extended thru bolts on both ends
- Class B Insulation
- Automatic thermal overload protection
- 65% minimum efficiency at 1075 RPM (unless otherwise noted)

Applications

Designed for continuous air over applications, such furnace blowers or central air handling units with single shaft requirements.

Permanent Split Capacitor - 5 1/2" Diameter - Three Speed

HP	RPM	Speed	Volts	Base	Rotation	FLA @ NP	Catalog No.	C Dim.	Notes
1/4	1075	3	115	2RR	CCW/CW	3.60	3983	11.89	14, 15
	1075	3	208-230	2RR	CCW/CW	1.70	3984	11.89	14, 15
1/3	1075	3	115	2RR	CCW/CW	4.70	3985	12.39	14, 15
	1075	3	208-230	2RR	CCW/CW	2.50	3986	12.39	14, 15
	1075	3	460	2RR	CCW/CW	1.08	3D006	12.39	12, 14, 15
1/2	1075	3	115	2RR	CCW/CW	7.50	3987	13.14	14, 15
	1075	3	208-230	2RR	CCW/CW	3.80	3988	12.89	14, 15
	1075	3	460	2RR	CCW/CW	1.63	3D007	12.89	12, 14, 15
3/4	1075	3	115	2RR	CCW/CW	10.00	3989	13.14	14, 15
	1075	3	208-230	2RR	CCW/CW	4.50	3990	13.14	14, 15
	1075	3	460	2RR	CCW/CW	2.13	3D008	13.39	14, 15

Permanent Split Capacitor - 5-1/2" Diameter - Four Speed

1/6	1075	4	277/230	2RR	CCW/CW	0.78	3D001	11.39	12, 14, 15, 16
1/4	1075	4	277/230	2RR	CCW/CW	1.10	3D002	11.89	12, 14, 15
1/3	1075	4	277/230	2RR	CCW/CW	0.87	3D003	12.39	12, 14, 15
1/2	1075	4	277/230	2RR	CCW/CW	3.10	3D004	12.89	12, 14, 15
3/4	1075	4	277/230	2RR	CCW/CW	3.60	3D005	13.39	12, 14, 15

NOTES: 12 = Designed for 50 or 60 Hz operation; 14 = Ball bearing; 15 = Rheem mounting holes in shell; 16 = 60% minimum efficiency at 1075 RPM

DIRECT DRIVE FURNACE & CENTRAL AIR CONDITIONING
Single Phase



Cat. #3787

Features

- Standard efficiency designs
- Reversible rotation (permanent split capacitor only)
- Mounting holes in shell for capacitor bracket
- KCP models designed for 370 Volt capacitor (not furnished)
- 4" shaft extension with resilient ring mounting
- 5" shaft extension with torsion flex mounting
- Torsion flex lugs are furnished with rubber mounting grommets
- Automatic thermal overload protection

Applications

Designed for continuous air over applications, such as furnace blowers or central air handling units with single shafts requirements

Permanent Split Capacitor - 5 1/2" Diameter - Torsion Flex Mounting

HP	RPM	Speed	Volts	Base	Rotation	FLA @ NP	Catalog No.	C Dim.	Notes
1/6	1075	3	115	TFL	CCW/CW	2.5	3782	9.10	4
1/4	1075	3	115	TFL	CCW/CW	3.7	3783	8.90	4
	1075	3	208-230	TFL	CCW/CW	1.7	3784	9.30	4
1/3	1075	3	115	TFL	CCW/CW	4.9	3785	10.10	4
	1075	3	208-230	TFL	CCW/CW	2.5	3786	9.80	4
1/2	1075	3	115	TFL	CCW/CW	7.3	3787	10.60	4
	1075	3	208-230	TFL	CCW/CW	3.5	3788	10.30	4
3/4	1075	3	115	TFL	CCW/CW	10.3	3789	10.60	4
	1075	3	208-230	TFL	CCW/CW	4.8	3790	10.60	4

NOTES: 4 = Sleeve bearing



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Single Phase



Features

- Energy Saver Plus design (◆)
- Reversible rotation
- Mounting holes in shell for capacitor bracket
- Designed for 370 Volt capacitor (not furnished)
- 4" shaft extension
- Extended clamp screws on shaft end with a ring kit provided
- Ring kit allows both 2 1/4" and 2 1/2" resilient ring mounting
- Automatic thermal overload protection

Cat. #3983

Applications

Designed for continuous air over applications, such as furnace blowers or central air handling units with single shaft requirements.

Permanent Split Capacitor - 5 1/2" Diameter - Two & Three Speed

HP	RPM	Speed	Volts	Base	Rotation	FLA @ NP	Catalog No.	C Dim.	Notes
1/4	1625	3	115	2RR	CCW/CW	2.7	3992	9.10	4
	1625	3	208-230	2RR	CCW/CW	1.2	3993	9.10	4
	1075	2	115	2RR	CCW/CW	4.2	3383	9.10	4
	1075	3	115	2RR	CCW/CW	3.7	3983 ◆	9.60	14, 15
	1075	3	115	2RR	CCW/CW	4.2	3583	9.10	4
	1075	2	208-230	2RR	CCW/CW	2.0	3384	9.10	4
	1075	3	208-230	2RR	CCW/CW	2.0	3584	9.10	4
	1075	3	208-230	2RR	CCW/CW	1.7	3984 ◆	9.60	14, 15
1/3	1625	3	115	2RR	CCW/CW	3.9	3994	9.60	4
	1625	3	208-230	2RR	CCW/CW	1.9	3995	9.60	4
	1075	2	115	2RR	CCW/CW	6.2	3385	9.40	4
	1075	3	115	2RR	CCW/CW	6.1	3585	9.40	4
	1075	3	115	2RR	CCW/CW	4.9	3985 ◆	9.60	14, 15
	1075	2	208-230	2RR	CCW/CW	2.9	3386	9.40	4
	1075	3	208-230	2RR	CCW/CW	2.7	3586	9.40	4
	1075	3	208-230	2RR	CCW/CW	2.5	3986 ◆	9.60	14, 15
1/2	1625	3	115	2RR	CCW/CW	6.0	3996	9.90	4
	1625	3	208-230	2RR	CCW/CW	2.8	3997	9.90	4
	1075	2	115	2RR	CCW/CW	9.0	3387	10.40	4
	1075	3	115	2RR	CCW/CW	9.0	3587	10.40	4
	1075	3	115	2RR	CCW/CW	7.3	3987 ◆	10.10	14, 15
	1075	2	208-230	2RR	CCW/CW	4.3	3388	10.10	4
	1075	3	208-230	2RR	CCW/CW	4.3	3588	10.10	4
	1075	3	208-230	2RR	CCW/CW	3.5	3988 ◆	10.10	14, 15
3/4	1625	3	115	2RR	CCW/CW	8.5	3998	10.40	4
	1625	3	208-230	2RR	CCW/CW	4.0	3999	10.40	4
	1075	2	115	2RR	CCW/CW	10.3	3389	10.40	4
	1075	3	115	2RR	CCW/CW	11.2	3589	10.40	4
	1075	3	115	2RR	CCW/CW	10.3	3989 ◆	10.10	14
	1075	2	208-230	2RR	CCW/CW	5.2	3390	10.40	4
	1075	3	208-230	2RR	CCW/CW	5.0	3590	10.40	4
	1075	3	208-230	2RR	CCW/CW	4.8	3990 ◆	10.10	14, 15
1	1075	3	115	2RR	CCW/CW	11.8	3595	10.65	14
	1075	3	208-230	2RR	CCW/CW	5.6	3596	10.65	14

NOTES: 4 = Sleeve bearing; 14 = Ball bearing.



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