

QUICK SHIP PROGRAM

Baldor-Reliance® RPM AC motors

For extruder applications



Robust, power dense Baldor-Reliance RPM AC motors are ideal for extruder applications and the plastics industry. The laminated frame inverter duty AC motor for extruders is now available within four weeks.

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RPM AC quick ship program

The RPM AC quick ship program is supported by the RPM AC quick ship configurator. This configurator allows a customer to enter in a standard stock RPM AC catalog number and then perform a limited number of modifications on that base motor to configure an “Extruder Duty” RPM AC motor.

Baldor-Reliance Extruder Duty motors can be configured with one-click in our RPM AC quick ship configurator and ship in three-four weeks from our Gainesville, GA motor plant.

The Baldor-Reliance Extruder duty program features:

- Standard insulated bearings
- Standard grounding brush for inverter use
- Standard winding RTDs for temperature monitoring
- All identified with a new “Extruder Duty” nameplate and new VS grey color

BALDOR • RELIANCE®						
RPMAC™ EXTRUDER DUTY						
BALDOR ELECTRIC CO. • FT. SMITH, AR. MFG. IN U.S.A.						
DUTY	HP	RPM	AMPS	VOLTS	HZ	
CAT. NO.		SPEC. NO.				
SER. NO.	MAX. SAFE SPEED	AMB.	* C	MIN. AMB.	* C	
DESIGN NO.	TYPE		ENCL.			
S. F.	D. E. BRG.					
ENCL. MOD.	I. D. E. BRG.					

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A.

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LR40567

ES4825

000613-006NN

PLANT 15

Rating table for Extruder Duty – DPFV RPM AC motors

25 thru 1000Hp

Utilizing laminated square frame technology, up to 1000 horsepower can be packed into a 440 frame and is the ideal motor for extruder applications.

RPM AC DPFV features/benefits:

- 150% maximum overload torque from zero speed to base speed for 1 minute
- High torque to inertia ratio – up to 80% less inertia than the corresponding standard NEMA frame motor
- Encoder mounting provisions
- Insulated ODE bearing standard on 440 frame, available as option on other frames
- Numerous modifications available
- Top or side mount blower construction

Power (HP)	Base speed (RPM)	Frame	Enclosure
25	1800	FL1844C	DPFV
30	1800	FL1852C	DPFV
40	1800	RL2162	DPFV
50	1800	RL2168	DPFV
50	1200	RL2570	DPFV
60	1800	RL2168	DPFV
60	1200	RL2578	DPFV
75	1800	RL2570	DPFV
75	1200	RL2586	DPFV
100	1800	RL2578	DPFV
100	1200	RL2882	DPFV
125	1800	RL2586	DPFV
125	1200	RL2898	DPFV
150	1800	RL2882	DPFV
150	1200	RL3203	DPFV
200	1800	RL2898	DPFV
200	1200	RL3213	DPFV
250	1800	RL3203	DPFV
250	1200	RL3698	DPFV
300	1800	RL3213	DPFV
300	1200	RL3614	DPFV
350	1800	RL3698	DPFV
400	1800	RL3614	DPFV
400	1200	RL4034	DPFV
500	1800	RL4022	DPFV
500	1200	RL4461	DPFV
600	1800	RL4046	DPFV
700	1800	RL4058	DPFV
1000	1800	RL4461	DPFV