

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.

### BALDOR • RELIANCE®



#### 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 | FR. | AMB. °C       | MIN. AMB. °C | INSUL. |
| DESIGN NO.  | TYPE            |     | ENCL.         |              |        |
| S. F.   |                 |     | D. E. BRG.    |              |        |
| ENCL. MOD.  |                 |     | I. D. E. BRG. |              |        |

## 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      |