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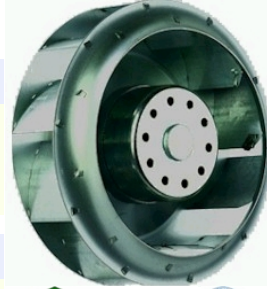
**Diplomat - DDE893548Z1E - 041003 - No**  
 (Family) (Model) (Part #) (In Stock)

### Electrical Specifications

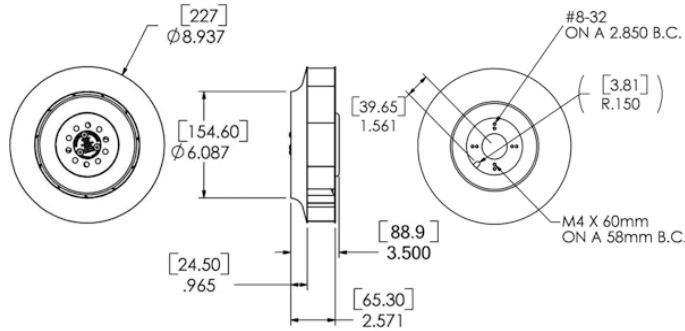
**Operating Voltage:** 48 Volts  
**Voltage Range:** 28 - 72 Volts  
**Power Supply:** 142.0 Watts  
**Line Current:** 2.60 Amps  
**Locked Rotor Current:** 3.00 Amps  
**Nominal Speed:** 3530 RPM

### Mechanical Specifications

**Dimensions:** 8.9 x 8.9 x 3.5 in  
**Weight:** 56.4 oz  
**Max Airflow @ 0 in H<sub>2</sub>O:** 750.0 CFM  
**Max Pressure @ 0 CFM:** 3.400 in H<sub>2</sub>O  
**Noise:** n/a



### Mechanical Drawing



### Impeller Performance Curve

### Impeller Configuration Options

**Diplomat DDE893548Z1E / 041003 No**    305 mm [12 inch] Leads  
 (Family) (Model) (Part #) (In Stock) (Features)

Impeller Speeds	Impeller Bearings	Impeller Airflow Directions	Impeller Terminations
<input type="checkbox"/> Extra - High Speed (3530 RPM)	<input type="checkbox"/> Ball Bearings	<input type="checkbox"/> Centrifugal (CW Rotation)	<input type="checkbox"/> Leads
<input type="checkbox"/> High Speed	<input type="checkbox"/> Sleeve Bearings	<input type="checkbox"/> Centrifugal (CCW Rotation)	<input type="checkbox"/> Terminals
<input type="checkbox"/> Full Speed			

### Impeller Monitoring Options

No Impeller Tachometer/Alarm Options Required

Add Tachometer

<input type="checkbox"/> TTL (+5V) Output (1 Pulse/Rev)	<input type="checkbox"/> Open Collector Output (1 Pulse/Rev)
<input type="checkbox"/> TTL (+5V) Output (2 Pulses/Rev)	<input type="checkbox"/> Open Collector Output (2 Pulses/Rev)
<input type="checkbox"/> TTL (+5V) Output (3 Pulses/Rev)	<input type="checkbox"/> Open Collector Output (3 Pulses/Rev)
<input type="checkbox"/> +12V Output (2 Pulses/Rev)	<input type="checkbox"/> Optically Isolated Output (2 Pulses/Rev)

Existing Models with Tachometer Option:

<input type="checkbox"/> DDE893548Z1E / 041003	<input type="checkbox"/> DDE893548Z1E2 / 041009
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Add Impeller Alarm Option

### Impeller Speed Control Options

Add Impeller Speed Control Option

### Environmental Protection Options

Add Enviroshield Environmental Protection