Exhaust fan mounted to a foam base on the inside surface of the inner box lid.

Gearmotor switch and speed control

Fans switch

Exhaust fan duct
TYPE "N-5RL" AND "42A-5L" GEARMOTORS (DC)

Single reduction, right angle...to 77 Lb-in.

<table>
<thead>
<tr>
<th>Speed (Rpm)</th>
<th>Sales Torque Lb-in.</th>
<th>Gear Ratio to 1</th>
<th>Motor Hp</th>
<th>Rodine Type</th>
<th>Model No.</th>
<th>Connection Diagram</th>
<th>Rotation</th>
<th>Capacitor Part No.</th>
</tr>
</thead>
</table>
| SHUNT WOUND—115 VDC—Totally Enclosed
44 | 77 | 40 | 1/8 | NSH-54RL | 589 5 | 074 10085 5-Lead | Reversible | None |
58 | 75 | 30 | 1/8 | NSH-54RL | 589 5 | 074 10085 5-Lead | Reversible | None |
86 | 54 | 20 | 1/8 | NSH-54RL | 587 5 | 074 10085 5-Lead | Reversible | None |
170 | 31 | 10 | 1/8 | NSH-54RL | 586 5 | 074 10085 5-Lead | Reversible | None |

PERMANENT MAGNET FIELD—130VDC—Totally Enclosed
50 | 77 | 40 | 1/6 | 42A-8EPM-5L | 4119 | 074 10101 3-Lead | Reversible | None |
67 | 75 | 30 | 1/6 | 42A-8EPM-5L | 4118 | 074 10101 3-Lead | Reversible | None |
190 | 62 | 20 | 1/6 | 42A-8EPM-5L | 4117 | 074 10101 3-Lead | Reversible | None |
280 | 37 | 10 | 1/6 | 42A-8EPM-5L | 4116 | 074 10101 3-Lead | Reversible | None |

"N-5RL" Gearmotor

- Die Cast Shield and Gear Housing
- Shielded Ball Bearings on Motor Shaft
- Separable Worm
- Bronze Sleeve Bearings on Output Shaft
- Oil Seal on Drive Shaft

"42A-5L" Gearmotor

General
Based on our "5R" gearhead, these sturdy single reduction worm gearmotors are designed for transmitting relatively substantial torque. The separable, hardened and ground, steel worm is key-slot and tongue driven. The gearhead is oil lubricated with a bronze gear. The output shaft is supported by bronze sleeve bearings which are lubricated via felt oiling wicks and reservoirs. Each gearmotor employs a seal on the output shaft and an additional motor shaft seal to prevent seepage to the motor portion.

Detail "C" is a gearbox breather hole on the gearmotor.

Notes
Mounting positions—see page 3.
See pages 3.
This dimension is the maximum allowable radius of any device attached to the drive shaft in order to clear motor housing.
Available while supplies last after December 31, 1997.