**Warning Information**

Warning: Do not use this equipment for any purpose other than those described in these instructions. Failure to follow these instructions may result in injury to personnel and damage to equipment. Always use equipment in a safe and responsible manner.

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**Dayton Permanent Split Capacitor**

For Replacement Parts, call 1-800-323-0620

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**Electric Motors**

- Capacitor Failure:
  - 570 Volts
  - 57 A
  - X70 Capacitor
  - Replace the capacitor with a new one of the same type and rating.

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**Operating Instructions**

1. Apply power to the motor.
2. Check for proper operation.
3. Make sure the motor is running smoothly.
4. If the motor is not running properly, check the capacitor and replace if necessary.

---

**Disassembly Instructions**

1. Remove the motor housing.
2. Disconnect the leads from the motor.
3. Remove the back plate.
4. Remove the shaft and bearings.
5. Remove the armature and field coil.
6. Remove the rotor.

---

**Troubleshooting Guide**

- If the motor does not start:
  - Check for power at the input.
  - Check for proper connection of leads.
  - Check for damaged or loose wiring.

- If the motor overheats:
  - Check for proper airflow and cooling.
  - Check for proper cooling fins and blades.

---

**Maintenance Instructions**

- Regularly check for signs of wear and replace parts as needed.
- Keep the motor clean and free of debris.
- Keep the motor housing and shaft lubricated.
- Keep the motor clean and free of dust and dirt.

---

**Replacement Parts**

- Capacitor: 570 Volts
- 57 A
- X70 Capacitor

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**Technical Specifications**

- Voltage: 570 Volts
- Amperage: 57 A
- Capacitor Type: X70

---

**Contact Information**

For further information, please contact Dayton at 1-800-323-0620.
### Replacement Parts List

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(∆) Not Shown.
FRACTIONAL AC GEARMOTORS
PARALLEL SHAFT

Gearcase: Machined die-cast aluminum.
Lubrication: Permanent heavy-duty gear oil
Gears: Hardened steel; helical 1st stage, spur subsequent stages. AGMA class 9
Bearings: Heavy-duty needle roller and thrust balls on case; ball on motor
Seals: Lip-type on input and output shafts
Mounting: All position; face mounting
Rotation: Reversible
Thermal Protection:None
Ambient: 40°C
Duty: Continuous
Brake: Adaptable to No. 5X400; use number of disks shown in table
Capacitor: Included
Warranty: 2 Year

Optional Mounting Bracket for all A gearmotors attaches to face of gear box to provide floor, wall, or ceiling mount. Kit includes steel bracket and four screws. Dayton brand.

No. 2H541. Shpg. wt. 1.1 lbs.
List $25.00. Each $18.89

Ordering is Easy... Phone, Fax, Visit A Branch; Or Go Online.

PARTS AVAILABLE FOR MANY AC GEARMOTORS,
CALL 1-800-323-0620

GRAINGER 237
APPENDIX F: