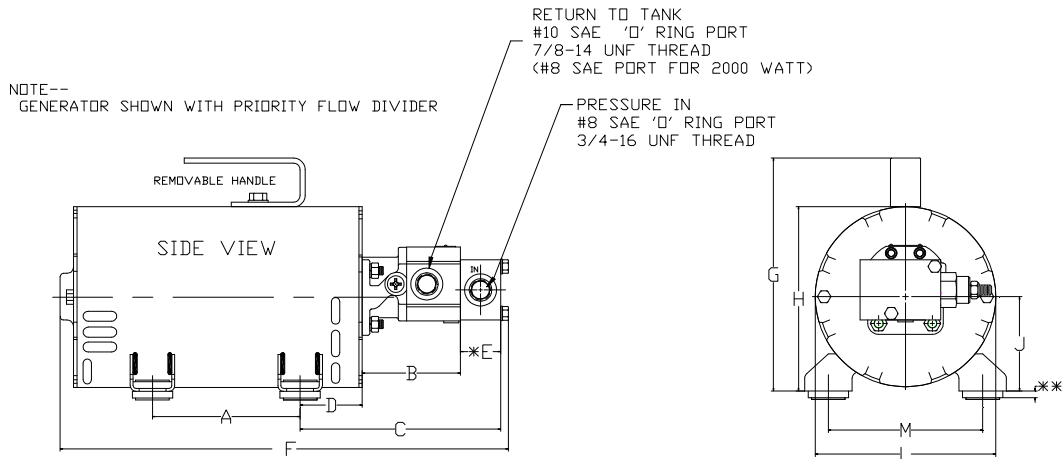


# Model 1BCHF-40/002 Specifications

## 4000 WATT

This generator is designed to provide power for electric tools such as chain saws, drills, impact wrenches, core drills, heaters, pumps, sprayers, universal motors up to 4 horse power or induction motors up to 1 horse power.

|   |   |
|---|---|
| <b>MECHANICAL STRUCTURE</b>                     | Steel Frame and End Bells   |
| <b>VOLTAGE</b>                                  | 120 Volt AC   |
| <b>WATTAGE</b>                                  | 4000 Watt Continuous<br>4200-4500 Watt Max. Peak  |
| <b>ROTATION</b>                                 | Clockwise at hydraulic motor end.   |
| <b>SPEED</b>                                    | 3600 R.P.M. (60 Hz.)  |
| <b>VOLTAGE REGULATION</b>                       | 12 Volt DC Regulator  |
| <b>EXCITATION</b>                               | 12 Volt DC  |
| <b>COOLING</b>                                  | Internal fan  |
| <b>TEMPERATURE RISE</b>                         | 50 degrees centigrade   |
| <b>INSULATION</b>                               | Class F (155 degrees centigrade rating)   |
| <b>HYDRAULIC REQUIREMENTS</b><br>(For 60 Cycle) | 8.7 GPM (Max.) at 2000 PSI<br>Bypass/restrictive, fixed-orifice, priority flow control<br>Mounted directly to Hydraulic Motor |
| <b>PORTS</b>                                    | Inlet- #8 SAE (3/4-16) O-Ring Boss<br>Outlet- #10 SAE (7/8-14) O-Ring Boss  |
| <b>ELECTRICAL CONNECTION</b>                    | 3 leads for AC- Black, White & Green<br>2 leads for DC- Red & Blue  |
| <b>SHOCK DAMPENING MOUNTING</b>                 | 5 1/2 x 5 1/2 Pattern Using Four 3/8-16 Hex Head Bolts  |
| <b>WEIGHT</b>                                   | 75 Lbs.   |



| CAPACITY            | A     | B       | C     | D      | *E    | F      | G       | H     | J     | L     | M     |
|---------------------|-------|---------|-------|--------|-------|--------|---------|-------|-------|-------|-------|
| 2000 Watts- 110 VAC | 3 1/2 | 3 3/16  | 7     | 2 5/16 | 1 1/2 | 14 1/4 | 8 11/16 | 6 3/4 | 37/16 | 6 3/4 | 5 1/2 |
| 3000 Watts- 110 VAC | 5 1/2 | 3 11/16 | 7 1/2 |        |       | 16 3/4 |         |       |       |       |       |
| 4000 Watts- 110 VAC |       |         |       |        |       | 19 1/4 |         |       |       |       |       |
| 4000 Watts- 220/110 |       |         |       |        |       | 19 1/4 |         |       |       |       |       |

\* SUBTRACT 1 1/4" FROM OVERALL LENGTH FOR GENERATORS WITHOUT A FLOW DIVIDER (BCH SERIES)  
 \*\* ADD 5/16" TO OVERALL HEIGHT FOR SHOCK MOUNTING WASHERS.