

Type G three-phase generators are guaranteed to operate single-phase at approximately 70 per cent of their three-phase ratings, as given in the following table:—

STANDARD RATINGS

The standard ratings and speeds of G generators are:—

Normal Three-Phase Rating	Single-Phase Rating	Speed in R.P.M.
30 kva.	20 kva.	1200
50 kva.	35 kva.	1200
75 kva.	50 kva.	900
100 kva.	70 kva.	900
150 kva.	100 kva.	900
150 kva.	100 kva.	600
200 kva.	140 kva.	600

The standard voltages for all sizes are 240, 480, 600, 1200 and 2400 volts.

GENERAL DESCRIPTION

These machines are built with particular provision for belt drive, but can be readily adapted for direct connection to either water wheels or other drive. All belted machines are firmly supported on cast iron bedplates.



Fig. 2—Bracket Bearing Type G Generator, Main Pulley Side