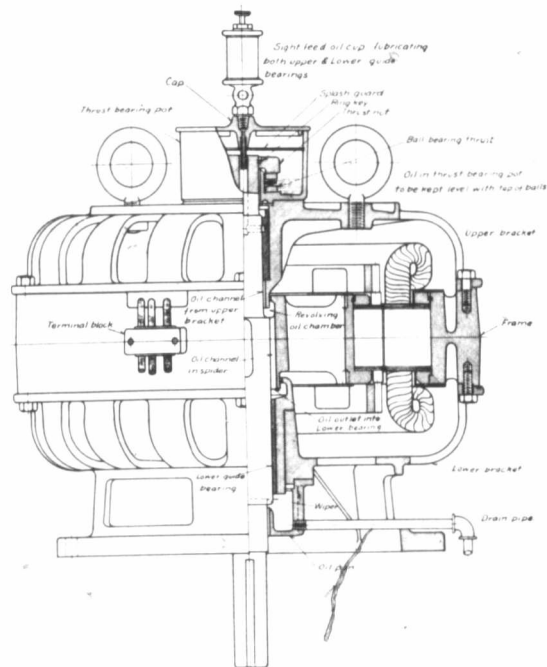


shaft is a thick steel washer by means of which the weight of the rotor is transferred to the thrust bearing. The bearing is enclosed in a cup, or bearing pot.

Lubrication. The balls of the thrust bearing are immersed in oil. The cap over the top of the bearing pot carries a sight feed oil cup from which oil drops into a hole in the end of the shaft and is led to the upper guide bearing. After lubricating the upper bearing the oil flows into a receiving chamber.



VERTICAL TYPE CCL MOTOR. SHOWING METHOD OF LUBRICATION

from which it follows a channel through the spider to the lower guide bearing. After being used in the lower bearing the oil gathers in an oil pan from which it is drawn by a drain pipe.

Driving Connection. The shaft extends below the lower guide bearing for belting, gearing or direct connecting to the load. Any of these methods of driving can be used with frames up to No. 8 (standard 15 h.p.), but larger motors are designed for direct connection only. Pulleys or pinions can, however, be used with the larger frames by placing an additional bearing