

### JOURNAL BEARING

The exhaust end journal bearing, as shown in Figure 1, consists of a cast shell, split horizontally to facilitate dismantling and assembly and lined with tin base babbitt. It is bored accurately to provide the proper clearance as shown on the "Rotor Clearance" drawing.

The bearing is lubricated by a pressure circulating system. Oil is supplied by the main oil pump and enters the bearing at the side, through a drilled hole in the bearing bracket base. The oil passing out at the ends of the bearing is thrown radially by the revolving throwers into the guides formed on the ends of the bearing shell, whence it is drained through holes in the bottom into the drain chamber.

The following list has been compiled to facilitate ordering spare or renewal parts by name and number together with the serial number of the turbine:

Item No.	Name of Part	Item No.	Name of Part
1	Bearing (Upper Half)	6	Oil Seal Ring (Complete)
2	Bearing Dowel Pin	7	Bearing (Lower Half)
3	Bearing Stop Pin	8	Bearing Bracket Base
4	Rotor Shaft Balance Ring	9	Gasket (1/32 Thick)
5	Rotor Shaft Balance Ring Pin	10	Bearing Bracket End Cover
		11	Bearing Bracket Cover

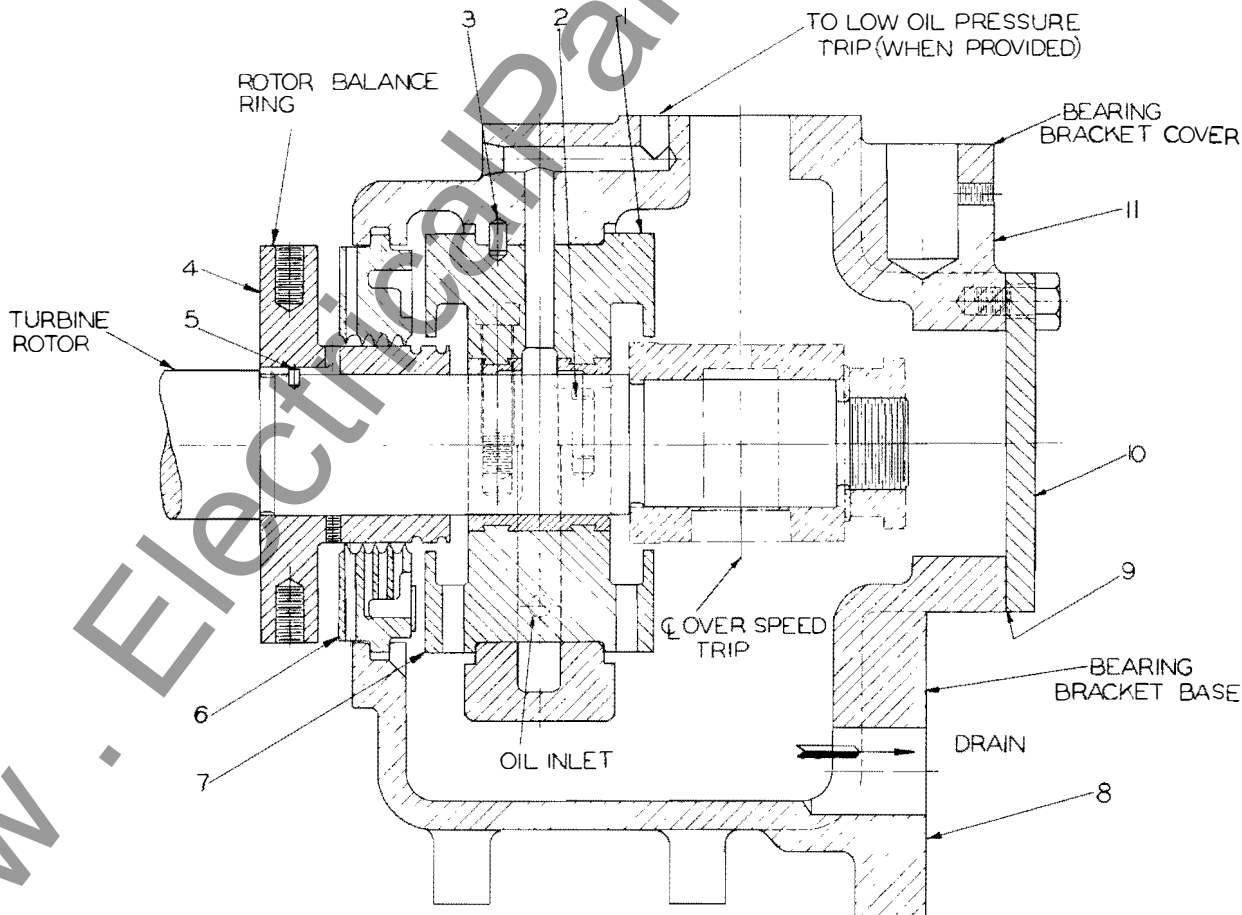


Figure 1