

CUT SECTION WORKING MODEL



**A.C. GENERATOR
ROTATING ARMATURE TYPE
(FRONT VIEW)**

1. SLIPPING
2. BEARING
3. END SHIELD
4. CARBON WITH SCISSOR
5. ROTATING ARMATURE
6. FRAME (YOKE)
7. SHAFT
8. FIXED FIELD POLE
9. FIELD COIL
10. CONNECTION BOX



**A.C. GENERATOR
ROTATING ARMATURE TYPE
(FRONT VIEW)**



**SYNCHRONOUS MACHINE
ROTATING FIELD TYPE
(FRONT VIEW)**

1. SLIPPING
2. BEARING
3. END SHIELD
4. CARBON WITH SCISSOR
5. FIXED ARMATURE
6. FRAME (YOKE)
7. SHAFT
8. ROTATING FIELD POLE
9. FIELD COIL
10. CONNECTION BOX
11. DAMPER WINDING



**SYNCHRONOUS MACHINE
ROTATING FIELD TYPE
(BACK VIEW)**



**THREE PHASE TRANSFORMER CORE TYPE
(FRONT VIEW)**

1. STAGGERED C.R.G.O, CORE LAMINATIONS
2. FORMER WOUND COIL
3. PRIMARY WINDING
4. LAYER TO LAYER PAPER INSULATION
5. SECONDARY WINDING
6. SEPARATOR BETWEEN PRIMARY AND SECONDARY WINDINGS
7. TERMINAL CONNECTION PLATE
8. CORE ASSEMBLY RETAINER CLAMPS

1. STAGGERED 3-PHASE C.R.G.O, CORE ASSEMBLY LIMB WISE
2. FORMER DOUBLE WOUND COIL
3. PRIMARY WINDING IN LAYER
4. SECONDARY WINDING IN LAYER
5. INTER LAYER INSULATION PAPER
6. INTER WINDINGS SEPARATORS
7. INSULATION PAPER COVERINGS
8. TERMINAL CONNECTION PLATE MARKED FOR DELTA/STAR
9. CORE ASSEMBLY RETAINER CLAMPS



**SINGLE PHASE TRANSFORMER SHELL TYPE
(FRONT VIEW)**