

Premier

CUT SECTION WORKING MODEL



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

1. SLIP RING
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
(BACK VIEW)



SYNCHRONOUS MACHINE
ROTATING FIELD TYPE
(FRONT VIEW)

1. SLIP RING
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)

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 & INTER WINDINGS SEPERATORS
6. INSULATION PAPER COVERINGS
7. TERMINAL CONNECTION PLATE MARKED FOR DELTA/STAR
8. CORE ASSEMBLY RETAINER CLAMPS



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 CIAMPS



SINGLE PHASE TRANSFORMER
SHELL TYPE (FRONT VIEW)