

CALCULATIONS:

#GROUPS = 3 PHASE \* 4  
POLE = 12 PHASE GROUPS

#COILS = # SLOTS = 24  
COILS

COIL PITCH = POLE PITCH =  
24 SLOTS / 4 POLE = 6  
SLOTS = 180 ELECTRICAL  
DEGREES

PHASE SEPARATION = POLE  
PITCH \* 2/3 = 6SLOT \* 2/3  
= 4 SLOT

GIVEN:

3 PHASE  
4 POLE  
24 SLOT  
1 WINDING

