

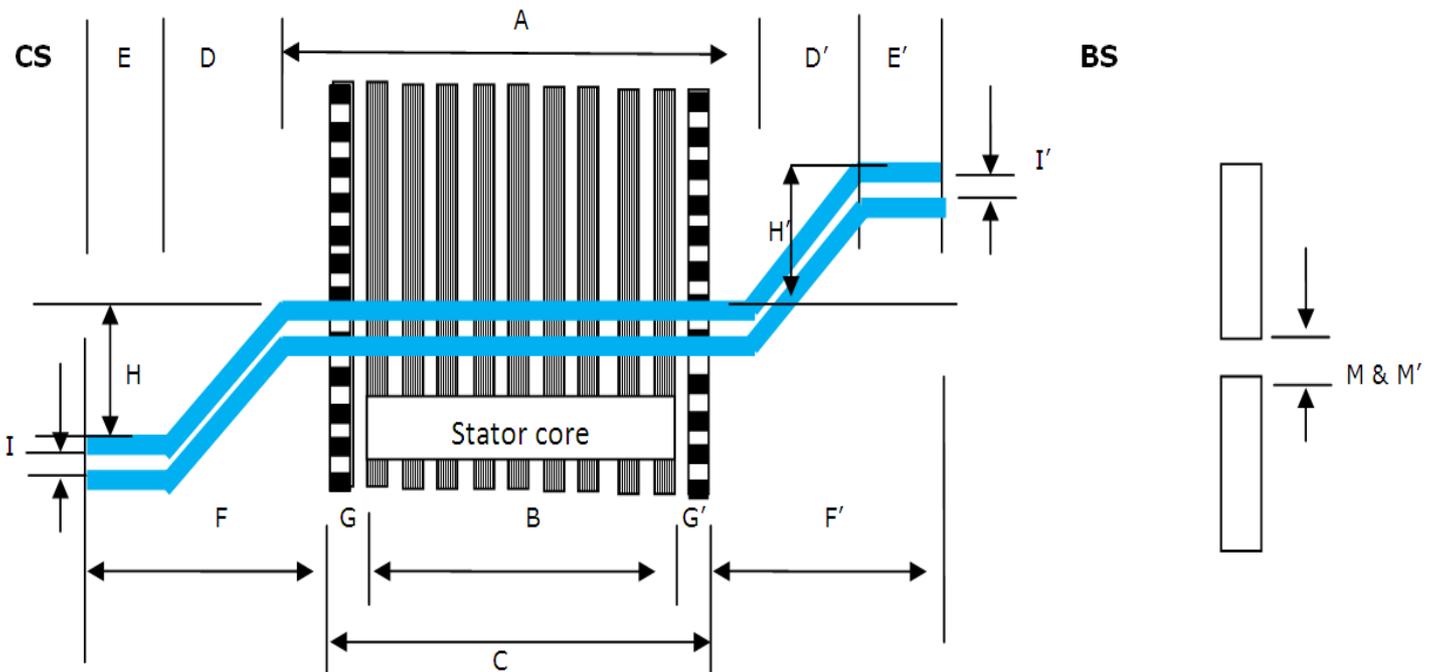
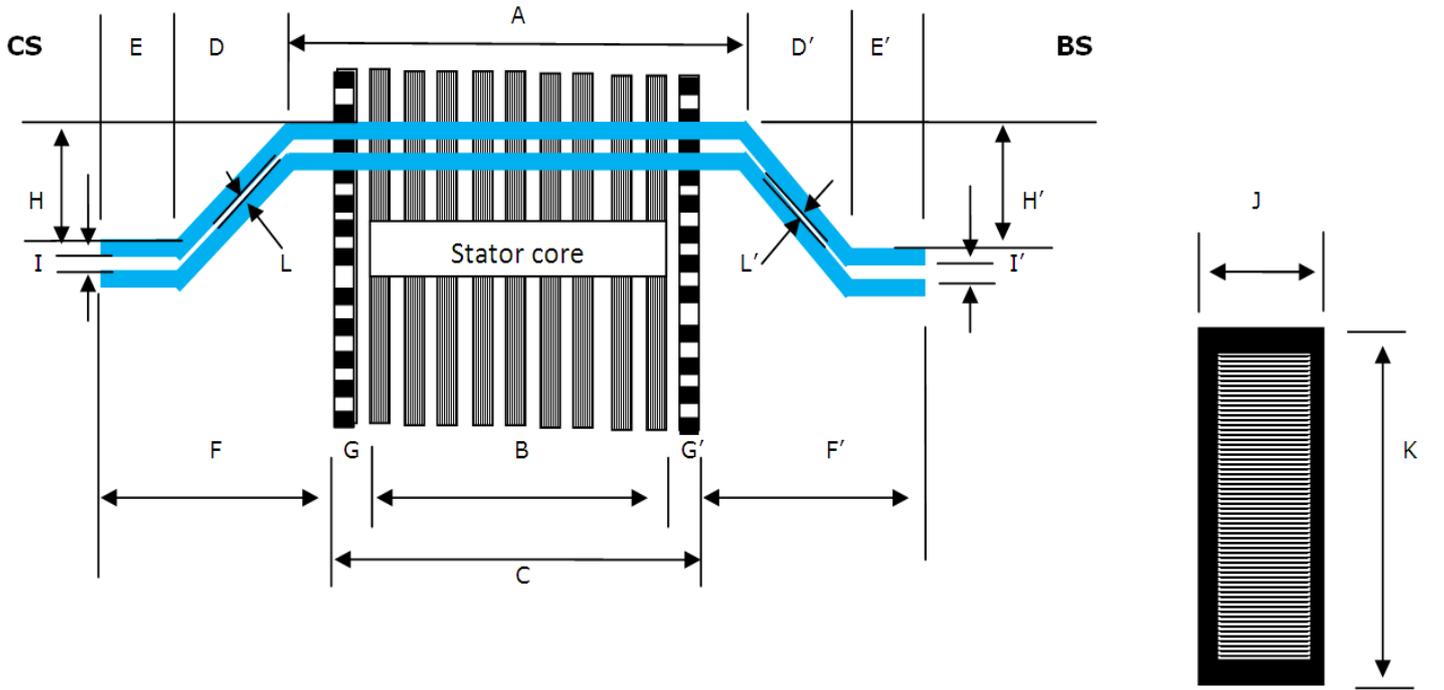
| | | | |
|---|------------------------------|--|--|
| Customer Name: | Date of inspection: | Data's take at =in house / site | |
| Contact person: | Contact no; | Data taken by; | |
| Name plate details: Generator | | | |
| Make | | KW | |
| Frame | | Speed (R.P.M.) | |
| Model | | Type | |
| Stator Voltage | | Weight of machine | |
| Stator current(Amps) | | Freq. (HZ) | |
| Rotor voltage | | Temp rise | |
| Rotor Current (Amps) | | Serial No. | |
| Stator Winding Data | | | |
| Number of slots | | Conductor Size in mm | |
| Coil pitch | | Conductor type | |
| Type of winding | Wave / Lap | Conductor in parallel | |
| End connection | Brazing / Soldering | 1 coil weight | |
| End connection number of parallel circuit | | Total weight | |
| Stator Core ID in mm | | | |
| Class of insulation | F / H | | |
| Type of Top wedge | Glass epoxy / magnetic putty | | |
| A) Coil straight portion length | | | |

| B) Core length | | | |
|---|--|--|--|
| C) Both side core end lock plate with core length | | | |
| J) Coil thickness with insulation | | | |
| K) Coil height with insulation | | | |
| CONNECTION SIDE | | BACK SIDE | |
| D) CS side coil straight portion to CS side ferrule bend starting | | D') BS side coil straight portion to BS side ferrule bend starting | |
| E) CS side length of ferrule bend | | E') BS side length of ferrule bend | |
| F) CS side core end lock plate to overhang length | | F') BS side core end lock plate to overhang length | |
| G) CS side core end plate thickness | | G') BS side core end plate thickness | |
| H) CS side coil one side to ferrule one side | | H') BS side coil one side to ferrule one side | |
| I) CS side ferrule gap | | I') BS side ferrule gap | |
| L) CS side gap in between the coils | | L') BS side gap in between the coils | |
| M) CS side Gap between top to bottom ferrule gap | | M') BS side Gap between top to bottom ferrule gap | |
| N1) CS side N1 surge ring inner diameter | | N1') BS side N1' surge ring inner diameter | |
| N2) CS side N2 surge ring inner diameter | | N2') BS side N2' surge ring inner diameter | |
| O1) CS side N1 surge ring cross section diameter | | O1') BS side N1' surge ring cross section diameter | |
| O2) CS side N2 surge ring cross section diameter | | O2') BS side N2' surge ring cross section diameter | |
| QT) CS side core to top coil location 1 length | | Q'T) BS side core to top coil location 1 length | |
| RT) CS side core to top coil location 2 length | | R'T) BS side core to top coil location 2 length | |

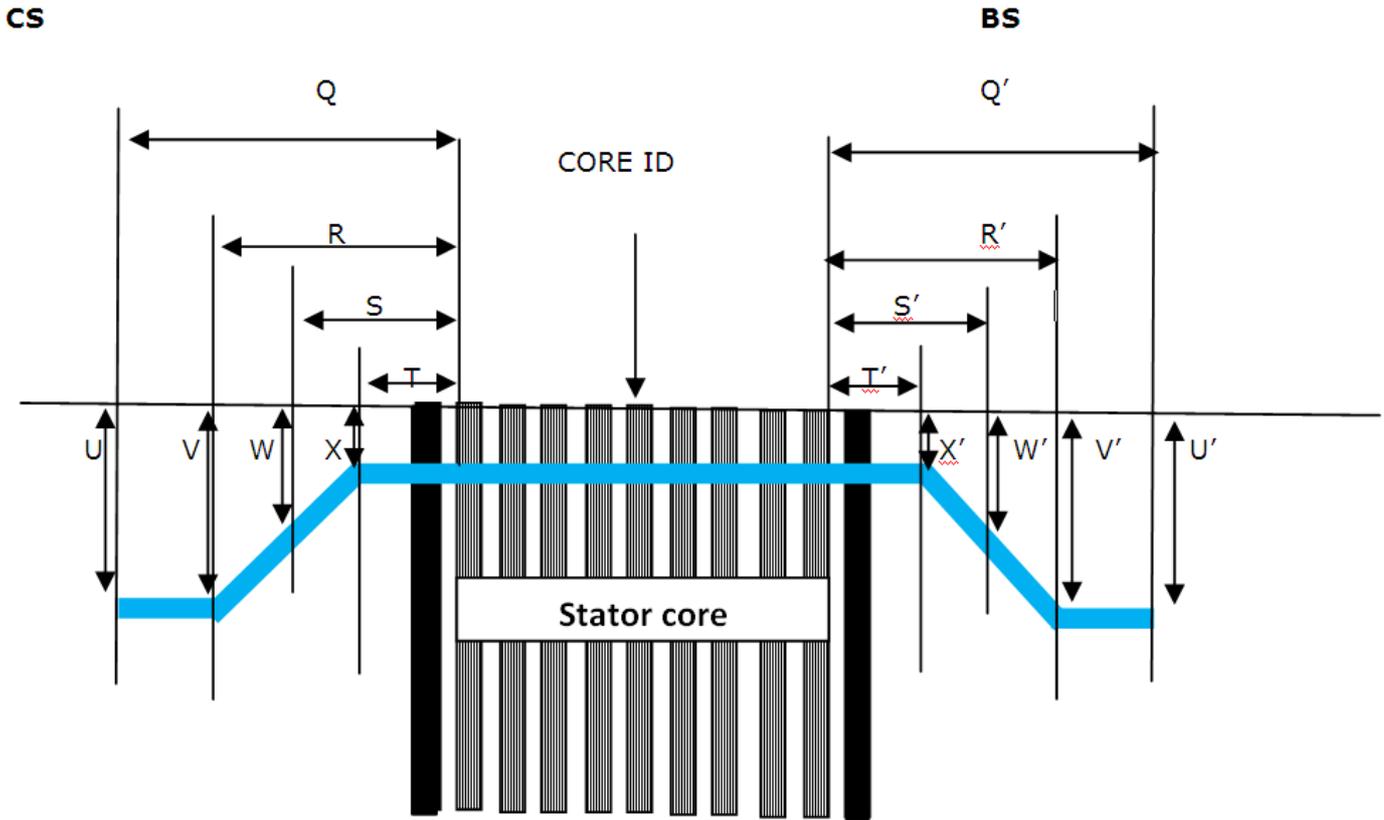
TURBO BAR

| | | | |
|--|--|---|--|
| ST) CS side core to top coil middle length | | S'T) BS side core to top coil middle length | |
| TT) CS side core to top coil straight portion end length | | T'T) BS side core to top coil straight portion end length | |
| UT) CS side core ID to top coil ferrule end top side height | | U'T) BS side core ID to top coil ferrule end top side height | |
| VT) CS side core ID to top coil ferrule bend starting top side height | | V'T) BS side core ID to top coil ferrule bend starting top side height | |
| WT) CS side core ID to top coil middle top side height | | W'T) BS side core ID to top coil middle top side height | |
| QB) CS side core to bottom coil location 1 length | | Q'B) BS side core to bottom coil location 1 length | |
| RB) CS side core to bottom coil location 2 length | | R'B) BS side core to bottom coil location 2 length | |
| SB) CS side core to bottom coil middle length | | S'B) BS side core to bottom coil middle length | |
| TB) CS side core to bottom coil straight portion end length | | T'B) BS side core to bottom coil straight portion end length | |
| UB) CS side core ID to bottom coil ferrule end top side height | | U'B) BS side core ID to bottom coil ferrule end top side height | |
| VB) CS side core ID to bottom coil ferrule bend starting top side height | | V'B) BS side core ID to bottom coil ferrule bend starting top side height | |
| WB) CS side core ID to bottom coil middle top side height | | W'B) BS side core ID to bottom coil middle top side height | |
| X) CS side core to straight portion end top side height | | X') BS side core to straight portion end top side height | |
| Y1) CS side distance between core to first overhang surge ring centre | | Y1') BS side distance between core to first overhang surge ring centre | |
| Y2) CS side distance between core to second overhang surge ring centre | | Y2') BS side distance between core to second overhang surge ring centre | |
| Z1) CS side height between core inner to first overhang surge ring top | | Z1') BS side height between core inner to first overhang surge ring top | |
| Z2) CS side height between core inner to second overhang surge ring top | | Z2') BS side height between core inner to second overhang surge ring top | |

LAP WINDING



TURBO BAR



NOTE : Q, R, S, T, U, V, W & X are marked in the above figure for understanding.

But in tabulation,

QT, RT, ST, TT, UT, VT, WT & XT for top coil measurement on CS side.

Q'T, R'T, S'T, T'T, U'T, V'T, W'T & X'T for top coil measurement on BS side.

QB, RB, SB, TB, UB, VB, WB & XB are for bottom coil measurement on CS side.

Q'B, R'B, S'B, T'B, U'B, V'B, W'B & X'B are for bottom coil measurement on BS side.

TURBO BAR

