

Torque Motor

T-N curve

TM-2-43-LA0

DC BUS=600 V_{DC}

Peak torque
— T_p

Continuous torque with water cooling
— T_c

Rated speed
.....

Torque(Nm)

Speed(rpm)

Speed (rpm)	Peak Torque T_p (Nm)	Continuous Torque T_c (Nm)
0	172	90
350	172	90
400 (Rated Speed)	110	90
500	110	110
600	60	60
700	0	0

TM-2-43-LA0

DC BUS=325 V_{DC}

Torque(Nm)

Peak torque
— Tp

Continuous torque with water cooling
- - Tc

Rated speed
.....

Speed(rpm)

Speed (rpm)	Peak Torque (Nm) (Tp)	Continuous Torque (Nm) (Tc)
0	172	90
150	172	90
200	140	90
250	100	90
300	60	90
350	20	90
400	0	90

Section X-X

Dimensions and Tolerances:

- H_8
- 25
- 10
- 10
- H
- 19.5 ± 0.2
- $\phi 140H8$
- $\phi 169min.$
- $\phi 230f9$
- $H_8 \pm 0.2$

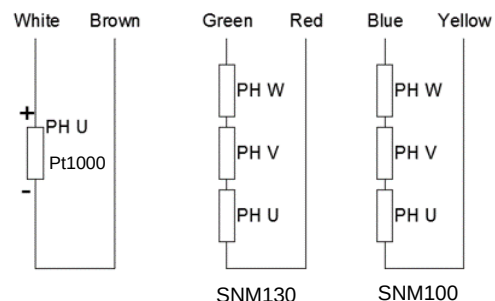
Labels:

- Thermal cable
- Motor cable
- Seal (O-ring) position

Top View

Dimensions and Labels:

- $\phi 5 H8 \times 9DP$ PCD 220 (Both sides)
- $\phi 5 H8 \times 10DP$ PCD 150 (Both sides)
- 12-M5x0.8Px10DP PCD 150 (Both sides)
- 12-M5x0.8Px10DP PCD 220 (Both sides)
- 22.5°
- 30°TYP
- 15°



Color or wire no.	Signal
U/L1	PH U
V/L2	PH V
W/L3	PH W
Green/Yellow	GND

Version: 2.00

Date: 2020/10/23