

SANYO DENKI
SANMOTION

85.85 ± 0.51

82.55 ± 0.51

69.6 ± 0.2

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82.55 ± 0.51

69.6 ± 0.2

4 - Ø 5.35 ± 0.05

Technical drawing of a mechanical part with dimensions and tolerances:

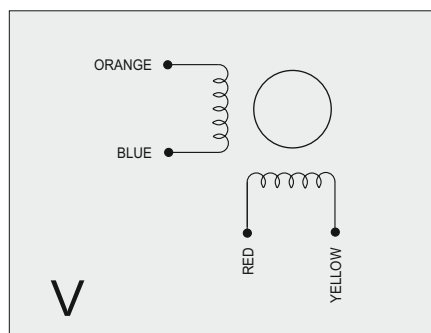
- Overall length: 85.85 ± 0.51
- Overall width: 62
- Top left dimension: 25.4 ± 0.5
- Top right dimension: 30 ± 0.5
- Top center dimension: 4.83 ± 0.5
- Top center dimension: 1.52 ± 0.25
- Left side dimension: 30.5 L min
- Left side dimension: $\phi 9.525 - 0.013$
- Left side dimension: 0
- Left side dimension: T
- Right side dimension: 10
- Right side dimension: $22 - 0$
- Right side dimension: $+0.6$
- Right side dimension: $\phi 9.525 - 0.013$
- Right side dimension: 0
- Right side dimension: $\phi 73.025 \pm 0.025$
- Bottom left dimension: 22
- Bottom left dimension: 3
- Bottom left dimension: 3
- Bottom center dimension: 0.004
- Bottom center dimension: $3-0.029$
- Bottom center dimension: $+0.1$
- Bottom center dimension: $1.8-0$

MODEL		103-H8221-6241 (103-H8221-6211)
BASIC STEP ANGLE		1.8° ± 0.09°
BIPOLAR CURRENT	(Amp)	6.0
UNIPOLAR CURRENT	(Amp)	
RESISTANCE	(Ohm)	0.3
INDUCTANCE	(mH)	1.65
BIPOLAR HOLDING TORQUE	(Ncm)	300
UNIPOLAR HOLDING TORQUE	(Ncm)	
ROTOR INERTIA	(Kg ^m ² x 10 ⁻⁷)	1450
THEORETICAL ACCELERATION	(rad x sec. ⁻²)	20600
BACK E.M.F.	(V/Krpm)	50
MASS	(Kg)	1.5
PROTECTION DEGREE		IP43
LEADS CODE		V

The graph shows the relationship between the maximum power (Watt) and the Krom value for three different DC voltages (140V, 75V, and 48V). The x-axis represents Krom (ranging from 0 to 3.0) and the y-axis represents Nm (ranging from 0 to 3). The legend indicates that the red line represents 140 Volt (V_{DC}), the blue line represents 75 Volt (V_{DC}), and the green line represents 48 Volt (V_{DC}). The markers (triangles) represent the maximum power (Watt) for each voltage level.

Krom	140 Volt (V _{DC}) (Nm)	75 Volt (V _{DC}) (Nm)	48 Volt (V _{DC}) (Nm)
0.1	2.4	2.4	2.4
0.3	2.35	2.25	2.2
0.6	2.25	2.05	1.95
0.9	2.15	1.85	1.6
1.2	2.05	1.65	1.1
1.5	1.95	1.4	0.6
1.8	1.85	1.1	-
2.1	1.75	0.8	-
2.4	1.65	0.5	-
2.7	1.55	-	-
3.0	1.45	-	-

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