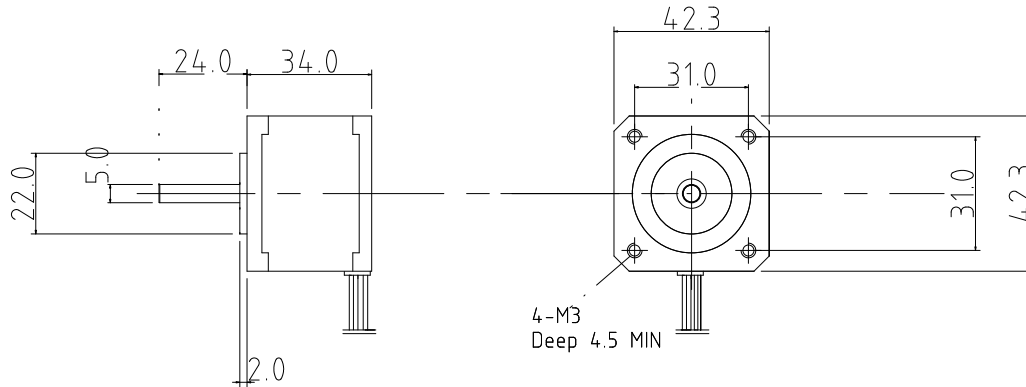


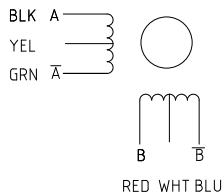
SPECIFICATIONS for High Torque Hybrid Stepping Motor

Step Angle	18°	Phase (ϕ)	2
Step Angle Accuracy	±5% (Full Step , No Load)	# Number of Wires/Leads	Unipolar(6)
Resistance Accuracy	±10%	Current per Phase (A/ ϕ)	0.31
Inductance Accuracy	±20%	Resistance per Phase (R/ ϕ)	30
Temperature Rise	80°C (Rated Current , 2 Phase On)	Inductance per Phase (mH/ ϕ)	35
Ambient temperature	-10°C ~ +50°C	Holding Torque (N.cm)	28
Insulation Resistance	10M-ohm Min 500V DC	Detent Torque (N.cm)	1.4
Dielectric Strength	500V AC for one minute	Rotation	CW(Front Flange)
Shaft Axial Play	0.02 max (450 g-load)	Rotor Inertia (g-sq-cm)	34
Shaft Radial Play	0.08 max (920 g-load)	Weight (Kg)	0.22

Mechanical Dimension



Wiring Diagram



ϕ					TCS42STH34-6031A-C1	Technical Conditions
£						
REV	Revisions	Descriptions	By	Date	Technovision Control Systems Pvt Ltd www.servosteppermotor.com Contact : 022-27464402 / +91-9867528528 Email : technovision123@gmail.com	6004736
DRAW	Engineering/Ref/03/17-18					
CHECK	Testing department/Ref/08/17-18					
APPROVE	Testing department/Ref/05/17-18					