



Kollmorgen - ServoDisc Pancake DC Motors

S6M4H



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The **S6M4H** is a part of the **ServoDisc Pancake DC Motors Series** by **Kollmorgen**.

Specifications

Armature Inductance:	L μ H <100	Armature Resistance $\pm 10\%$:	Ra Ohms 0.940	Back Emf Constant $\pm 10\%$:	Ke V/KRPM 3.15
Diameter:	D in 3.39, mm 86.1	Length:	LG in 1.61, mm 40.9	Mechanical Time Constant:	Tm ms 6.16
Moment Of Inertia:	Jm oz-in-sec ² 0.00085	Number Of Commutator Bars:	Z 82	Peak Acceleration:	Ap kRad/s ² 251.9
Static Friction Torque:	Tf oz-in 0.9	Temperature Coefficient Of Ke:	C %/ $^{\circ}$ C Rise -.020	Terminal Resistance $\pm 10\%$:	Rt Ohms 1.207
Torque Constant $\pm 10\%$:	Kt oz-in/Amp 4.26	Viscous Damping Constant:	Kd oz-in/KRPM 0.2	Weight:	W lbs 2.1, kg 0.95
Last Verified:	05/07/2025 6:02 AM				

Contact Us

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Shipping Options



Payment Methods

