

## 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

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

### Contact Us

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### Shipping Options



### Payment Methods



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