

# ST SERIES SERVO MOTOR 130ST-IM06025

产品名称	ST SERIES SERVO MOTOR 130ST-IM06025
公司名称	台州南金电子有限公司
价格	面议
规格参数	品牌:NEWKYE 型号:130ST-IM06025
公司地址	6-3,Luxi,Fengjiang,Luqiao,Taizhou,Zhejiang,China
联系电话	0086-576-82671250

## 产品详情

130 series servo motor parameters specifications: motor model 130st-im04025 130st-im05025 130st-im06025 130st-im07725 rated power(kw) 1.0 1.3 1.5 2.0 rated voltage(v) 220 220 220 220 rated current(a) 4.0 5.0 6.0 7.5 rated speed(rpm) 2500 2500 2500 2500 rated torque(n.m) 4 5.0 6 7.7 peak torque(n.m) 12 15 18 22 voltage constant (v/1000r/min) 72 68 65 68 torque coefficient (n.m/a) 1.0 1.0 1.0 1.03 rotor inertia(kg.m<sup>2</sup>) 0.85 × 10<sup>-3</sup> 1.06 × 10<sup>-3</sup> 1.26 × 10<sup>-3</sup> 1.53 × 10<sup>-3</sup> line-line resistance( ) 2.76 1.84 1.21 1.01 line-line inductance (mh) 6.42 4.9 3.87 2.94 electrical time constant (ms) 2.32 2.66 3.26 3.8 weight(kg) 6.2 6.6 7.4 8.3 encoder line number(ppr) 2500 insulation class class f safety class ip65 environment temperature:-20~+50 humidity:<90%(non-condensing conditions) specifications: motor model 130st-im10010 130st-im10015 130st-im10025 130st-im15015 130st-im15025 rated power(kw) 1.0 1.5 2.6 2.3 3.8 rated voltage(v) 220 220 220 220 220 rated current(a) 4.5 6.0 10 9.5 13.5 rated speed(rpm) 1000 1500 2500 1500 2500 rated torque(n.m) 10 10 10 15 15 peak torque(n.m) 20 25 25 30 30 voltage constant (v/1000r/min) 140 103 70 114 67 torque coefficient (n.m/a) 2.2 1.67 1.0 1.58 1.11 rotor inertia(kg.m<sup>2</sup>) 1.94 × 10<sup>-3</sup> 1.94 × 10<sup>-3</sup> 1.94 × 10<sup>-3</sup> 2.77 × 10<sup>-3</sup> 2.77 × 10<sup>-3</sup> line-line resistance( ) 2.7 1.5 0.73 1.1 0.49 line-line inductance (mh) 8.8 4.37 2.45 4.45 1.68 electrical time constant (ms) 3.26 2.91 3.36 4.05 3.43 weight(kg) 10.2 10.2 9.8 12.6 11.7 encoder line number(ppr) 2500 insulation class class f safety class ip65 environment temperature:-20~+50 humidity:<90%(non-condensing conditions) note:if other special requirements are needed, pls contact our technical department. precision energy strong power installation precaution: 1.install/disassemble to the motor shaft end, do not hit shaft hard, to prevent to damage the encoder in the other side of motor shaft. 2.try to prevent the axle base vibration, to prevent bearing damaged. installation dimension: unit=mm rated torque (n.m) 4 n.m 5 n.m 6 n.m 7.7n.m 10n.m 15n.m 1000/1500rpm 2500 rpm 1500 rpm 2500rpm without brake size(l) 166 171 179 192 213 209 241 231 with electromagnetic brake size(l) 223 228 236 249 294 290 322 312 with permanent magnet brake size(l) 236 241 249 262 283 279 311 301 the above is a standard installation dimensions, it can be changed according to customer ' s requirements.