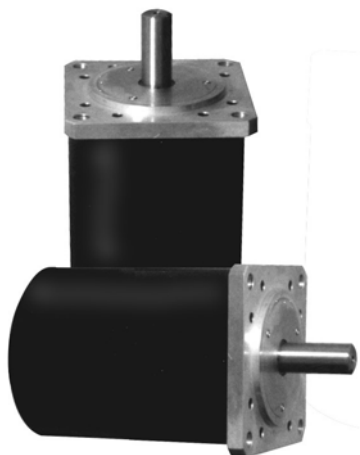


二相混合式步进电动机及驱动单元

130 系列

珠海运控电机有限公司

Zhuhai Motion Control Motor Co. Ltd.



绝缘电阻: 500VDC 100M Ω Min

轴向间隙: 0.1~0.3mm

径向跳动: 0.02mm Max

温 升: 65K Max

绝缘强度: 550V 50Hz 1Minute

环境温度: -20℃~+55℃

绝缘等级: B

● 电动机的基本技术数据

电动机型号	整步 步距角 (°)	静态 相电流 (A)	相电阻 (Ω)	相电感 (mH)	保持 转矩 (Nm)	转动惯量 (g.cm.sec ²)	重量 (Kg)
130BH250D (8)	1.8°	8	0.66	15.8	28	37	12
130BH250E (8)		8	0.78	16.7	35	46.3	15.1
130BH250EH (8)		8	0.78	16.7	50	46.3	18

MCM

制 造 商: 珠海运控电机有限公司

地 址: 珠海凤凰北路 2088 号珠都国际广场 A-706

邮政编码: 519000

电 话: 86-756-2212077、2212076

传 真: 86-756-2118885

E-mail: motcon@pub.zhuhai.gd.cn

Internet 网址: <http://www.motion-con.com>

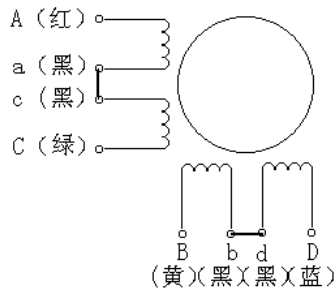
The figure contains three separate graphs, each showing the torque T in N.m on the y-axis versus the current I in A on the x-axis for a specific motor model. Each graph includes two curves: one for 1-ON mode and one for 2-ON mode. The 2-ON mode consistently provides higher torque for the same current compared to the 1-ON mode.

- 130BH250D(8):** The y-axis ranges from 0 to 40 N.m, and the x-axis ranges from 0 to 16 A. The 2-ON curve reaches approximately 35 N.m at 16 A, while the 1-ON curve reaches approximately 22 N.m at 16 A.
- 130BH250E(8):** The y-axis ranges from 0 to 50 N.m, and the x-axis ranges from 0 to 16 A. The 2-ON curve reaches approximately 40 N.m at 16 A, while the 1-ON curve reaches approximately 25 N.m at 16 A.
- 130BH250EH(8):** The y-axis ranges from 0 to 60 N.m, and the x-axis ranges from 0 to 12 A. The 2-ON curve reaches approximately 58 N.m at 9 A, while the 1-ON curve reaches approximately 42 N.m at 12 A.

[illegible]

型号	L _k (mm)
130BH250B	222
130BH250E	254
130BH250EH	254

● 出线方式

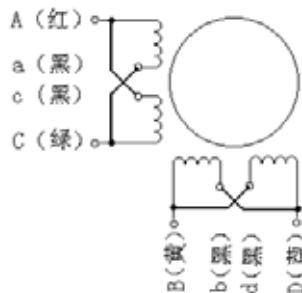


a) 串联接法

130BH250D(8)

130BH250E(8)

130BH250EH(8)

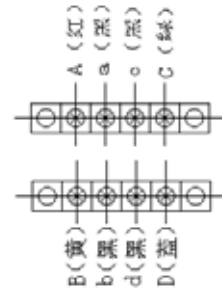


b) 并联接法

130BH250D(16)

130BH250E(16)

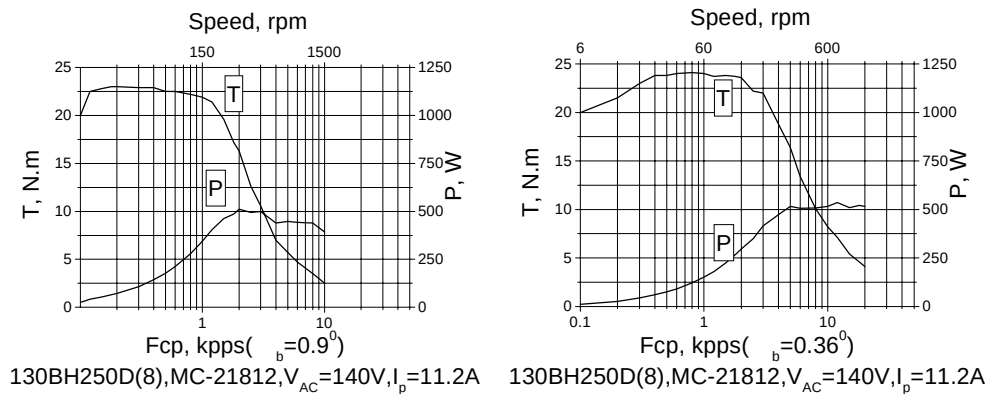
130BH250EH(16)



● 牵出特性典型曲线

以下列由 130 系列电动机与 MC 系列驱动器所组成的典型驱动单元牵出特性曲线。

● UN-130-250D(8)-1812 (电动机: 130BH250D(8) 驱动器: MC-21812)



● UN-130-250E(8)-1812 (电动机: 130BH250E(8) 驱动器: MC-21812)

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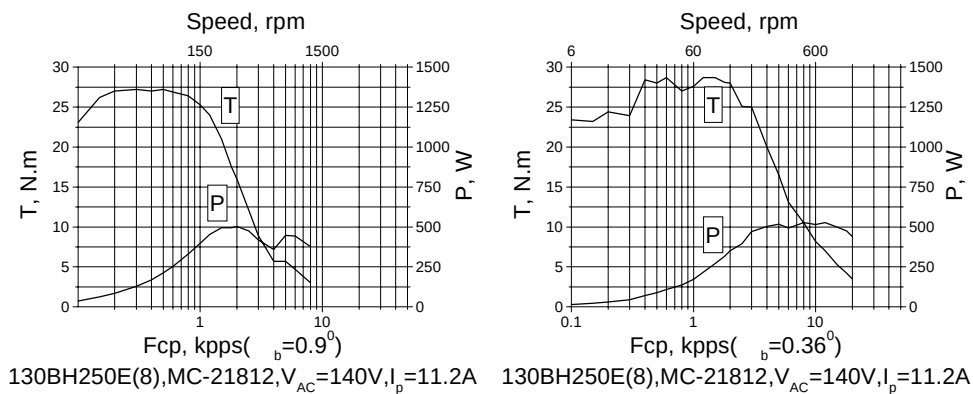
制 造 商: 珠海运控电机有限公司
地 址: 珠海凤凰北路 2088 号珠都国际广场 A-706
邮政编码: 519000

电 话: 86-756-2212077、2212076

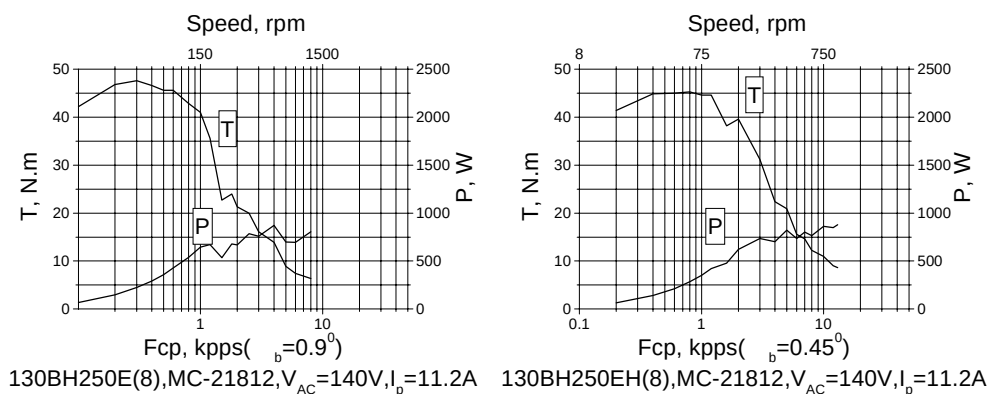
传 真: 86-756-2118885

E-mail: motcon@pub.zhuhai.gd.cn

Internet 网址: <http://www.motion-con.com>



● UN-130-250EH(8)-1812 (电动机: 130BH250EH(8) 驱动器: MC-21812)



MCM

制 造 商: 珠海运控电机有限公司
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