



电机参数 Motor Data	电机型号 Motor Model				
-----------------	------------------	--	--	--	--

额定电压参数值 Value at rated voltage			XBD2232				
额定值 Nominal	1	额定电压 Nominal voltage	V/DC	9			
	2	额定转速 Nominal speed	rpm	9016			
	3	额定电流 Nominal current	A	0.7			
	4	额定转矩 Nominal torque	mNm	4.3			
空载点 Free Load	5	空载转速 No-load speed	rpm	11200			
	6	空载电流 No-load current	mA	110.0			
最大效率点 At Max. Efficiency	7	最大效率 Max. efficiency	%	65.9			
	8	转速 Speed	rpm	10416			
	9	电流 Current	A	0.3			
	10	转矩 Torque	mNm	1.5			
最大输出功率点 At max. Output power	11	最大功率 Max. output power	W	6.5			
	12	转速 Speed	rpm	5600			
	13	电流 Current	A	1.6			
	14	转矩 Torque	mNm	11.1			
堵转点 At Stall	15	堵转电流 Stall current	A	3.1			
	16	堵转转矩 Stall torque	mNm	22.1			

电机常数 Motor Constants							
	17	电机阻抗 Terminal resistance	Ω	2.90			
	18	转矩常数 Torque constant	mNm/A	7.40			
	19	转速常数 Speed constant	rpm/V	1244.4			
	20	转数/转矩常数 Speed/torque constant	rpm/mNm	506.1			

电机特性曲线 (Motor Characteristics Curve)

24	极对数 Number of pole pairs	1
25	相数 Number of phase	3
26	噪音 Typical noise level dB	≤45
27		

电机端子定义 Motor terminal definition

- |                    |     |
|--------------------|-----|
| P1 V hall+5 VDC    | PVC |
| P2 Hall sensor A   | PVC |
| P3 Hall sensor B   | PVC |
| P4 Hall sensor C   | PVC |
| P5 GND             | PVC |
| P6 Motor winding A | PVC |
| P7 Motor winding B | PVC |
| P8 Motor winding C | PVC |



