

RH Series (142mm)

Performance Data

Model	Units	142S20010A3EMRD
Poles 极对数	/	4P
Rated Voltage 额定电压	VAC	220
Rated Power 额定功率	W	2.1
Rated Torque 额定力矩	N.m	20
Rated Speed 额定转速	rpm	1000
Maximum Torque 最大力矩	N.m	40
Maximum Speed 最大转速	rpm	1300
Rated Current 额定电流	A	7.9
Maximum Current 最大电流	A	15.8
Torque Coefficient 扭矩常数	N.m/A	2.53
Rotor Inertia 转子惯量	Kg*cm ²	35
Resistance 线电阻	Ω	1.8
Back E.M.F 反电势常数	V/Krpm	168
Electrical Time Constant 电气时间常数	ms	10.2
Mechanical Time Constant 机械时间常数	ms	1.56
Dielectric Strength 绝缘耐压	/	2000V 5mA 1min
Insulation Class 热绝缘等级	Class	F
Safety Class 防护等级	/	IP65
Encoder Type 编码器类型	/	1024ppr rotary encoder
Environment 运行环境	/	-20°C to 50°C humidity < 90%
Weight 重量	Kg	18
Length 长度	mm	273mm



Dimensions in mm

