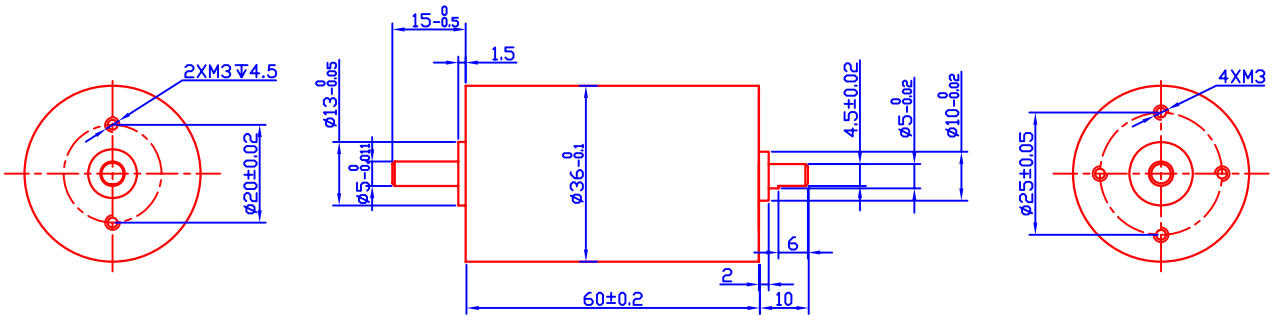
CBL3660,Ø 36mm,slotless

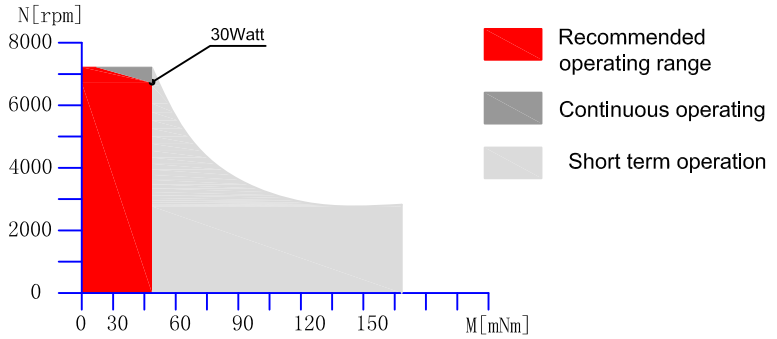
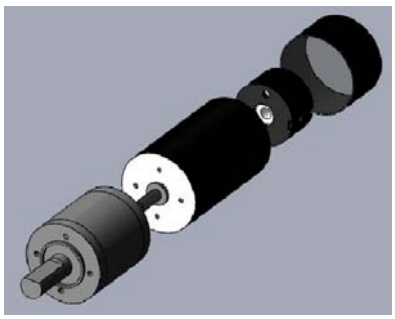
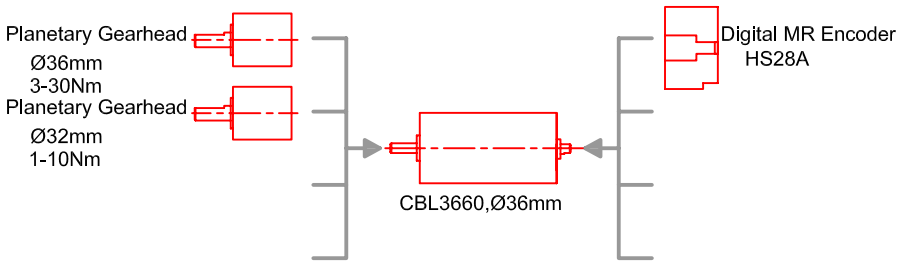


电机参数 Motor datas		CBL3660-1207	CBL3660-2407
1 极对数 Pole pairs		1	1
2 相数 Number of phase		3	3
3 霍尔 Hall		有	有
额定电压下数值 Values at nominal voltage			
4 额定电压 Nominal voltage	V	12	24
5 空载转速 No load speed	RPM	7200	7200
6 空载电流 No load current	mA	470	120
7 额定转速 Nominal speed	RPM	6370	6660
8 额定转矩 Nominal torque	mN.m	49.5	43.5
9 额定电流 Nominal current	A	3.63	1.50
10 最大输出功率 Max.output	w	80.92	109.33
11 堵转转矩 Stall torque	mN.m	429.3	580.0
12 堵转电流 Stall current	A	27.91	18.46
13 最大效率 Max.efficiency	%	75.7	84.5
电机常数 Characteristics			
14 相间电阻 Terminal resistance	ohm	0.43	1.3
15 相间电感 Terminal inductance	mH		
16 转矩常数 Torque constant	mN.m/A	15.65	31.62
17 反电动势常数 Back-EMF constant	V/krpm	1.64	3.31
18 速度/转矩常数 Speed/torque gradient	rpm/mN.m	17	12
19 机械时间常数 Mechanical time constant	ms	3.4	2.5
20 转子惯量 Rotor intertia	gcm^2	19.5	19.5

技术参数 Specifications

- 允许冲击负载 不小于电机本身
- 绝缘电阻 大于100Mohm（在500VDC）
- 绝缘等级 B级（<130 ℃）
- 防护等级 无
- 运行环境温度 0 °C~60 °C
- 存储温度 -20 °C~100 °C

工作范围 Operating Range



标准配件 Modular system