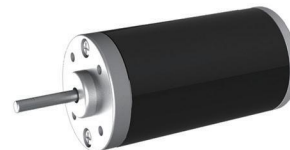


31ZYT Series

General Specification

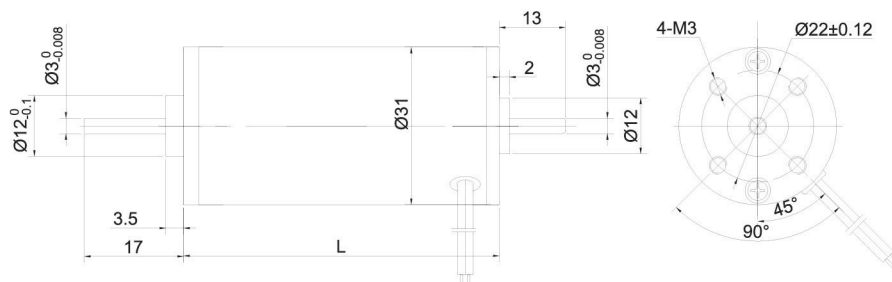
Voltage Range 电压范围	12 & 24V dc (240V also available)
Power Output Range 输出功率范围	15 ~ 20 W
Speed Range 转速范围	up to 10,000 rpm
Operational Temperature 操作温度	-20°C ~ +40°C
Insulation Class 绝缘等级	F (consult us for class B)
Bear Type 轴承类型	High quality ball bearings
Housing Type 机壳种类	Closed (ventilated also available)



Performance Data

Part Number 型号	Units	31ZYT51-12V	31ZYT51-24V	31ZYT60-12V	31ZYT60-24V
Voltage 电压	V	12	24	12	24
Rated Power 额定功率	W	8.17	8.17	15.1	15.1
Rated Speed 额定转速	rpm	7100	7100	7100	7100
Rated Torque 额定扭矩	mNm	11	11	16	16
Rated Current 额定电流	A	0.79	0.41	1.45	0.73
No load Speed 空载转速	rpm	7900	7900	10000	10000
Length 长度	mm	51	51	60	60

Dimensions in mm



40ZYT Series

General Specification

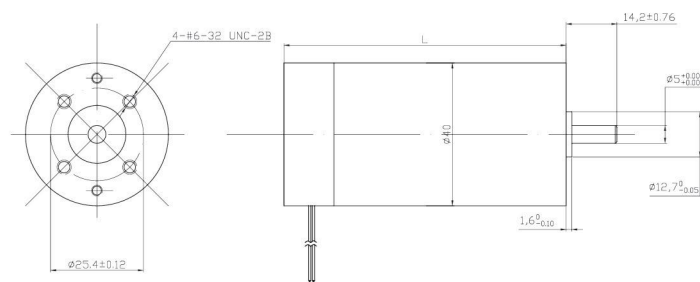
Voltage Range 电压范围	12 & 24V dc (240V also available)
Power Output Range 输出功率范围	15 ~ 40 W
Speed Range 转速范围	up to 10,000 rpm
Operational Temperature 操作温度	-20°C ~ +40°C
Insulation Class 绝缘等级	F (consult us for class B)
Bear Type 轴承类型	High quality ball bearings
Housing Type 机壳种类	Closed (ventilated also available)



Performance Data

Part Number 型号	Units	40ZYT56-12V	40ZYT56-24V	40ZYT61-12V	40ZYT61-24V	40ZYT78-12V	40ZYT78-24V
Voltage 电压	V	12	24	12	24	12	24
Rated Power 额定功率	W	17	17	23	23	29	29
Rated Speed 额定转速	rpm	4950	4950	5100	5100	5000	4200
Rated Torque 额定扭矩	mNm	33	33	43	43	67	67
Rated Current 额定电流	A	1.8	0.89	2.39	1.17	2.92	1.46
No load Speed 空载转速	rpm	6000	6100	6100	6100	5000	5000
Length 长度	mm	56	56	61	61	78	78

Dimensions in mm



48ZYT Series

General Specification

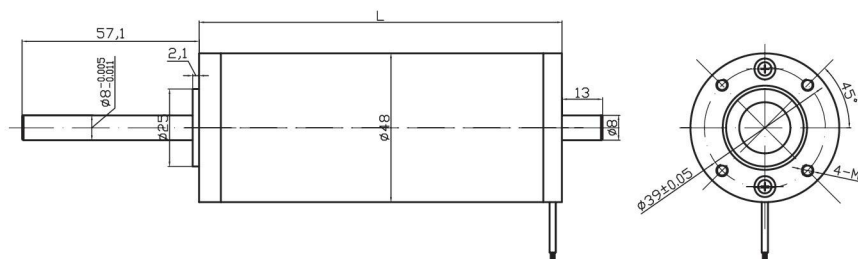
Voltage Range 电压范围	12 & 24V dc (240V also available)
Power Output Range 输出功率范围	20 ~ 60 W
Speed Range 转速范围	up to 10,000 rpm
Operational Temperature 操作温度	-20°C ~ +40°C
Insulation Class 绝缘等级	F (consult us for class B)
Bear Type 轴承类型	High quality ball bearings
Housing Type 机壳种类	Closed (ventilated also available)



Performance Data

Part Number 型号	Units	48ZYT85-12V	48ZYT118-24V	48ZYT118-40V
Voltage 电压	V	12	24	40
Rated Power 额定功率	W	25	41	41
Rated Speed 额定转速	rpm	3500	3100	3300
Rated Torque 额定扭矩	mNm	70	125	125
Rated Current 额定电流	A	4	2.6	1.28
No load Speed 空载转速	rpm	3800	3800	3800
Length 长度	mm	85	118	118

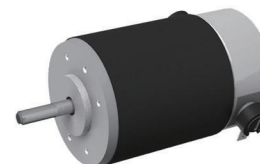
Dimensions in mm



54ZYT Series

General Specification

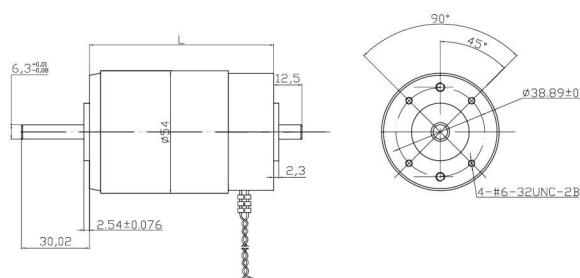
Voltage Range 电压范围	12 & 60V dc
Power Output Range 输出功率范围	30 ~ 100 W
Speed Range 转速范围	up to 10,000 rpm
Operational Temperature 操作温度	-20°C ~ +40°C
Insulation Class 绝缘等级	F (consult us for class B)
Bear Type 轴承类型	High quality ball bearings
Housing Type 机壳种类	Closed (ventilated also available)



Performance Data

Part Number 型号	Units	54ZYT75-12V	54ZYT118-40V	54ZYT94-12V	54ZYT103-12V	54ZYT81-48V	54ZYT113-48V	54ZYT126-48V	54ZYT145-48V
Voltage 电压	V	12	40	12	12	48	48	48	48
Rated Power 额定功率	W	24	41	45	60	36	59	75	105
Rated Speed 额定转速	rpm	3280	3300	2880	3130	3490	2590	2790	2840
Rated Torque 额定扭矩	mNm	71	125	148	183	98	219	261	353
Rated Current 额定电流	A	3.57	1.28	5.63	7.34	1.14	1.8	2.2	2.99
No load Speed 空载转速	rpm	4140	3800	3380	3630	4010	3000	3150	3160
Length 长度	mm	75	118	94	103	81	113	126	145

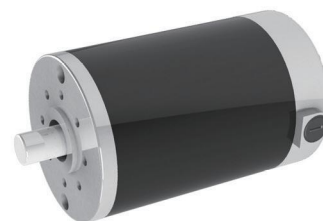
Dimensions in mm



80ZYT Series

General Specification

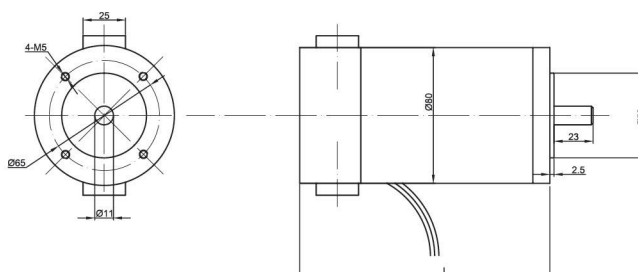
Voltage Range 电压范围	12 & 24V dc (48V also available)
Power Output Range 输出功率范围	90 ~ 150 W
Speed Range 转速范围	up to 9,000 rpm
Operational Temperature 操作温度	-20°C ~ +40°C
Insulation Class 绝缘等级	F (consult us for class B)
Bear Type 轴承类型	High quality ball bearings
Housing Type 机壳种类	Closed (ventilated also available)



Performance Data

Part Number 型号	Units	80ZYT122-24V	80ZYT135-24V	80ZYT-160-24V	80ZYT-180-24V	80ZYT175-24V
Voltage 电压	V	24	24	24	24	24
Rated Power 额定功率	W	54	106	60	88	201
Rated Speed 额定转速	rpm	1200	2900	1430	1025	3100
Rated Torque 额定扭矩	mNm	430	350	0.4	0.82	620
Rated Current 额定电流	A	3.5	5.8	3.5	5.5	6
No load Speed 空载转速	rpm	1600	3200	1650	1300	3500
Length 长度	mm	122	135	160	180	175

Dimensions in mm



90ZYT Series

General Specification

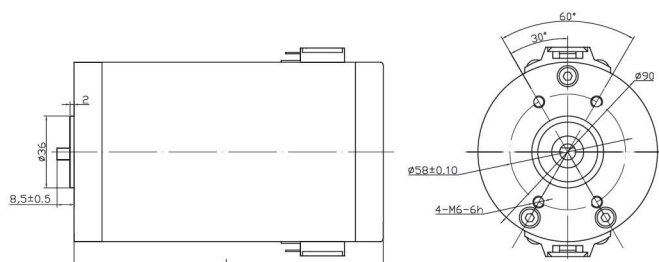
Voltage Range 电压范围	12 & 24V dc (48V also available)
Power Output Range 输出功率范围	150 ~ 300 W
Speed Range 转速范围	up to 9,000 rpm
Operational Temperature 操作温度	-20°C ~ +40°C
Insulation Class 绝缘等级	F (consult us for class B)
Bear Type 轴承类型	High quality ball bearings
Housing Type 机壳种类	Closed (ventilated also available)



Performance Data

Part Number 型号	Units	90ZYT155-12V	90ZYT199-12V	90ZYT155-24V	90ZYT199-24V	90ZYT152-24V
Voltage 电压	V	12	12	24	24	24
Rated Power 额定功率	W	250	150	250	150	95
Rated Speed 额定转速	rpm	4750	1200	4750	1200	1055
Rated Torque 额定扭矩	mNm	400	1200	500	1200	0.86
Rated Current 额定电流	A	23	23	13.8	11.5	5.5
No load Speed 空载转速	rpm	5540	1500	5100	1600	1300
Length 长度	mm	155	199	155	199	152

Dimensions in mm

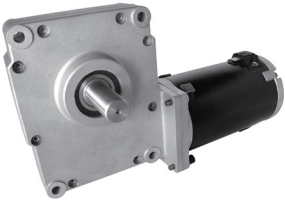


Worm Wheel Geared Motor 蜗轮蜗杆减速机

WG2 Series

General Specification

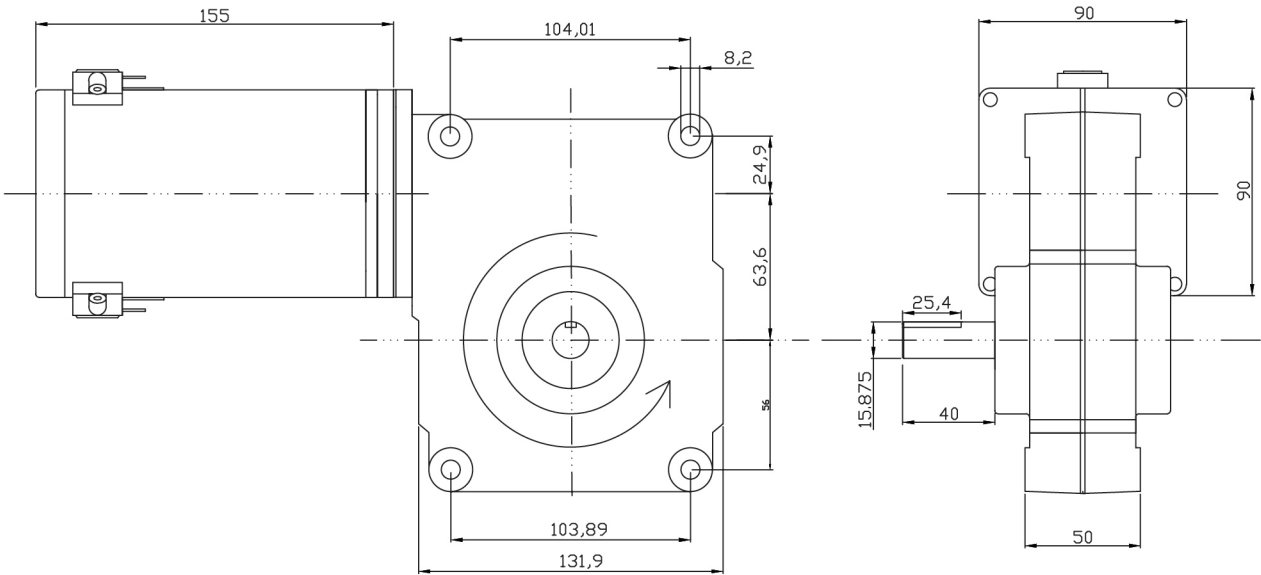
Gearbox Housing 齿轮箱壳体	Ruggedised Die-cast Aluminium 强化压铸铝
Worm Gear Material 蜗轮蜗杆材料	Bronze, steel or plastic 青铜, 钢, 塑料
Lubrication 润滑方式	Grease lubricated & sealed for life 油脂润滑并且密封
Bearing Type 轴承类型	High quality ball bearings 高质量滚珠轴承
Insulation Class 绝缘等级	Class F (Optional: Class B) Class F (Class B 可供选择)
Brush Type 碳刷类型	Integral or removable 一体型或可替换型
Ambient Operating Temperature 环境工作温度	-20°C to +40°C



Performance Data

Motor Size 电机尺寸	90ZYT,100ZYT,110ZYT	90ZYT,100ZYT,110ZYT	90ZYT,100ZYT,110ZYT	90ZYT,100ZYT,110ZYT
Worm Wheel Material 蜗轮材料	Delrin, Bronze	Delrin, Bronze	Delrin, Bronze	Bronze
Gear Ratio 减速比	25:1	30:1	60:1	75:1
Brake Type 刹车盘类型	ERB, MRB	ERB, MRB	ERB, MRB	ERB, MRB
Output Shaft 输出轴	Customised	Customised	Customised	Customised

Dimensions in mm



Worm Wheel Geared Motor 蜗轮蜗杆减速机

WG4 Series

General Specification

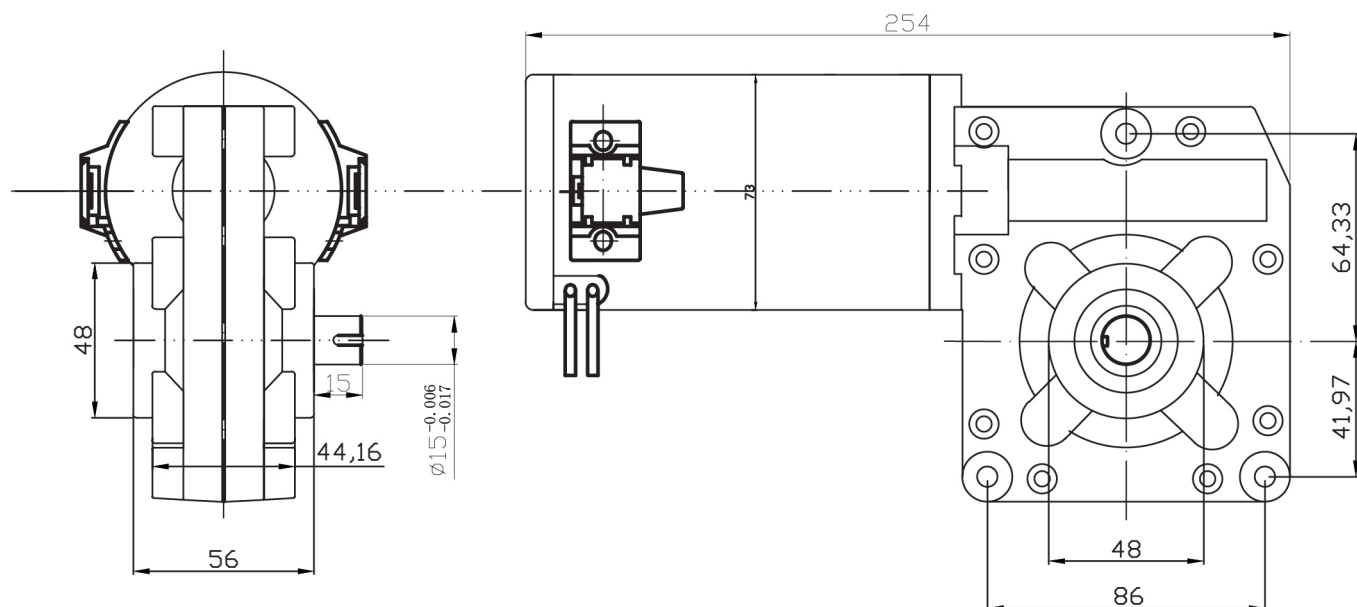
Gearbox Housing 齿轮箱壳体	Ruggedised Die-cast Aluminium 强化压铸铝
Worm Gear Material 蜗轮蜗杆材料	Bronze, steel or plastic 青铜, 钢, 塑料
Lubrication 润滑方式	Grease lubricated & sealed for life 油脂润滑并且密封
Bearing Type 轴承类型	High quality ball bearings 高质量滚珠轴承
Insulation Class 绝缘等级	Class F (Optional: Class B) Class F (Class B 可供选择)
Brush Type 碳刷类型	Integral or removable 一体型或可替换型
Ambient Operating Temperature 环境工作温度	-20°C to +40°C



Performance Data

Motor Size 电机尺寸	73ZYT,80ZYT,90ZYT	73ZYT,80ZYT,90ZYT	73ZYT,80ZYT,90ZYT	73ZYT,80ZYT,90ZYT
Worm Wheel Material 蜗轮材料	Delrin, Bronze	Delrin, Bronze	Delrin, Bronze	Delrin, Bronze
Gear Ratio 减速比	12.5:1	25:1	30:1	50:1
Brake Type 刹车盘类型	ERB, MRB	ERB, MRB	ERB, MRB	ERB, MRB
Output Shaft 输出轴	Customised	Customised	Customised	Customised

Dimensions in mm

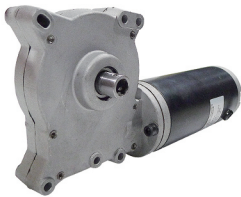


Worm Wheel Geared Motor 蜗轮蜗杆减速机

WG5 Series

General Specification

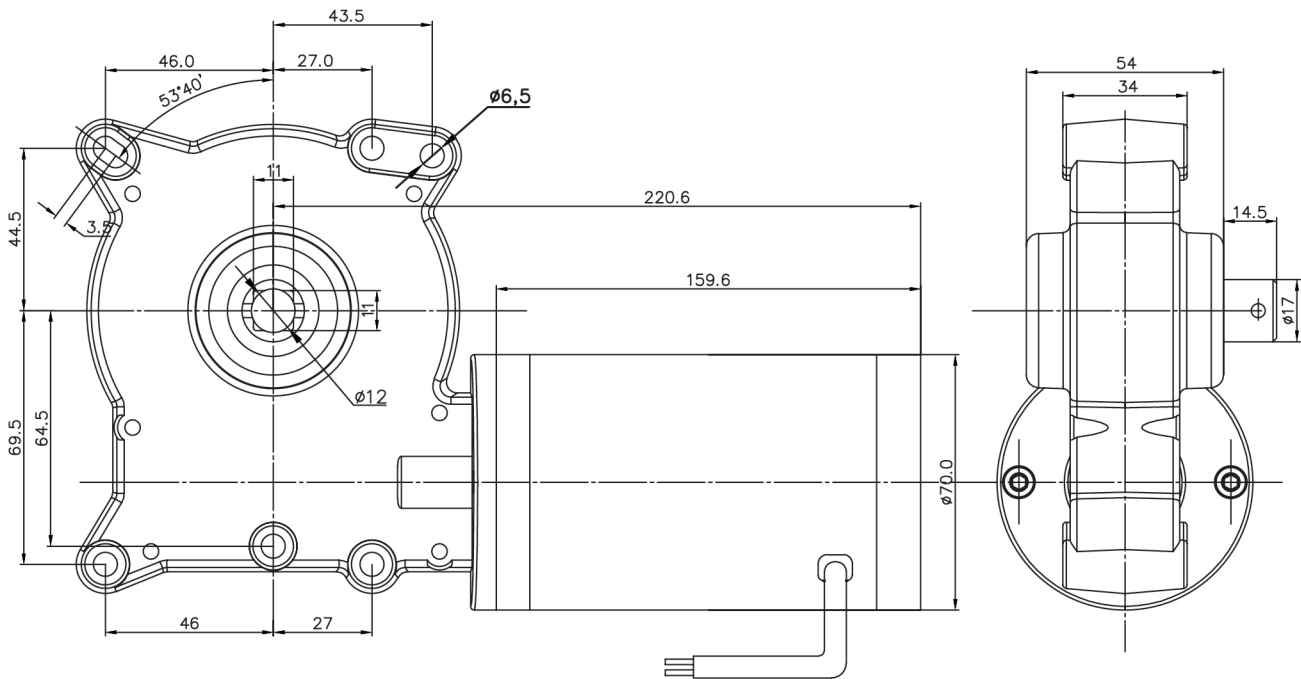
Gearbox Housing 齿轮箱壳体	Ruggedised Die-cast Aluminium 强化压铸铝
Worm Gear Material 蜗轮蜗杆材料	Bronze, steel or plastic 青铜, 钢, 塑料
Lubrication 润滑方式	Grease lubricated & sealed for life 油脂润滑并且密封
Bearing Type 轴承类型	High quality ball bearings 高质量滚珠轴承
Insulation Class 绝缘等级	Class F (Optional: Class B) Class F (Class B 可供选择)
Brush Type 碳刷类型	Integral or removable 一体型或可替换型
Ambient Operating Temperature 环境工作温度	-20°C to +40°C



Performance Data

Motor Type: 电机类型	73ZYT Series		
Motor Length: 电机长度	159.6	159.6	mm
Rated Voltage: 额定电压	24	240	VDC
Rated Speed 额定转速	550	550	± 10% rpm
Rated Power 额定功率	560	600	W
Gear Ratio 减速比	10:1	10:1	
Motor Torque 电机扭矩	1.2	1.2	Nm
Motor Speed 电机转速	5500	5500	± 10% rpm
Duty Cycle 工作周期	2 to 3 seconds on, 2 to 5 minutes off.		

Dimensions in mm



Worm Wheel Geared Motor 蜗轮蜗杆减速机

WG9 Series

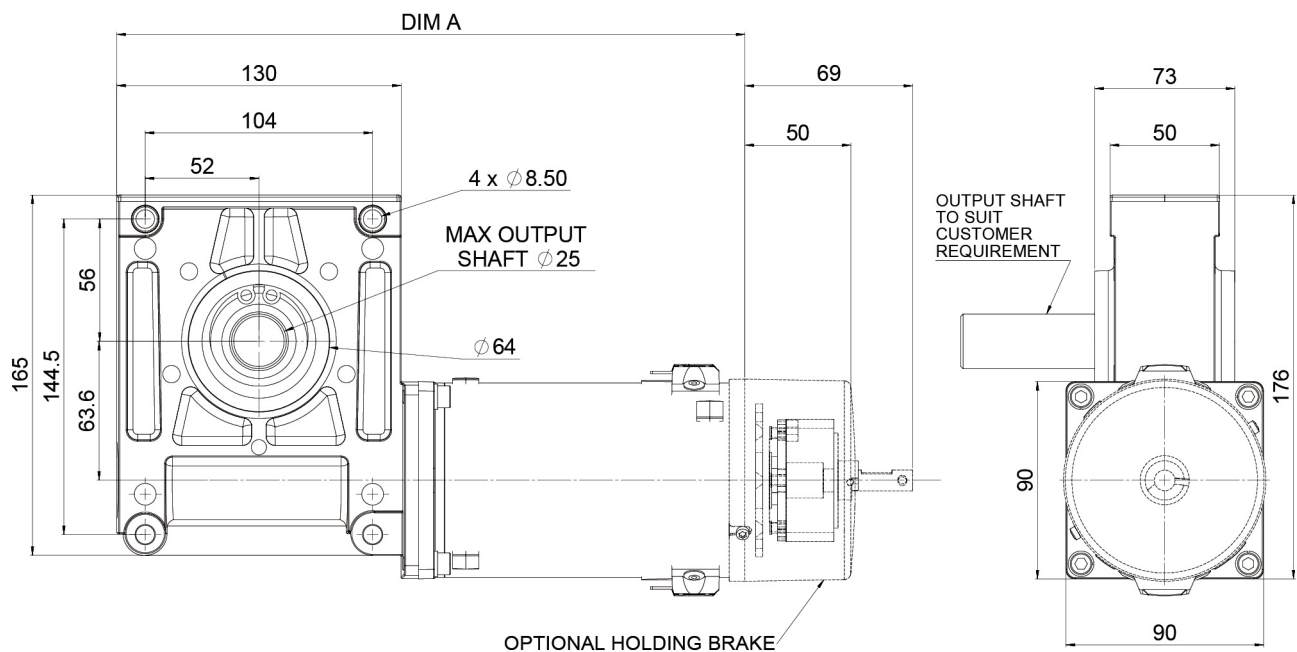
General Specification

Gearbox Housing 齿轮箱壳体	Ruggedised Die-cast Aluminium 强化压铸铝
Worm Gear Material 蜗轮蜗杆材料	Bronze, steel or plastic 青铜, 钢, 塑料
Lubrication 润滑方式	Grease lubricated & sealed for life 油脂润滑并且密封
Bearing Type 轴承类型	High quality ball bearings 高质量滚珠轴承
Insulation Class 绝缘等级	Class F (Optional: Class B) Class F (Class B 可供选择)
Brush Type 碳刷类型	Integral or removable 一体型或可替换型
Ambient Operating Temperature 环境工作温度	-20°C to +40°C

Performance Data

Motor Size 电机尺寸	73ZYT,80ZYT,90ZYT	73ZYT,80ZYT,90ZYT	73ZYT,80ZYT,90ZYT	73ZYT,80ZYT,90ZYT
Worm Wheel Material 蜗轮材料	Delrin, Bronze	Delrin, Bronze	Delrin, Bronze	Delrin, Bronze
Gear Ratio 减速比	12.5:1	25:1	30:1	50:1
Brake Type 刹车盘类型	ERB, MRB	ERB, MRB	ERB, MRB	ERB, MRB
Output Shaft 输出轴	Customised	Customised	Customised	Customised

Dimensions in mm



Planetary Gearbox 行星减速机

PG63 Series



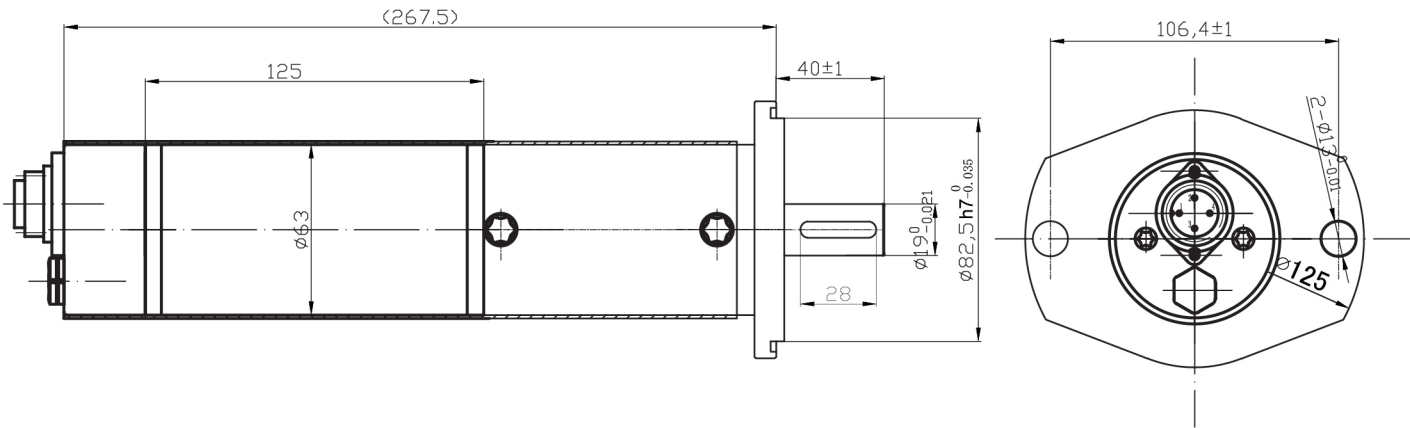
Specifications

Motor 电机	63ZYT-125-24	
Protection Class 防护等级	IP65	
Duty Cycle 工作周期	S1 (100%)	
Rated Voltage 额定电压	24	V
Rated Current 额定电流	4.9	A
Input Power 输入功率	117.6	W
No Load Current 空载电流	0.4	A
Rated Torque 额定转矩	0.27	Nm
Rated Speed 额定转速	3300	± 10% rpm
Rated Output Power 额定输出功率	93.3	W
Friction Torque 摩擦转矩	2	Ncm
Efficiency 效率	80%	
Max. Torque 最大转矩	1.3	± 10% Nm
Max. Current 最大电流	23	A
No Load Speed 空载转速	3650	± 10% rpm
Max. Power 最大功率	245	W
Max. Housing Temp. 最高壳体温度	85	℃
Weight 重量	1.7	Kg

Planetary Gearbox 行星齿轮箱	F1130	
Protection Class 防护等级	IP65	
Ratio 减速比	710.5:1	
Rated Torque 额定转矩	120	Nm
Max. Torque 最大转矩	180	Nm
Ambient Temp. 环境温度	-20 to 85	℃
Grease 润滑脂	Smart top 28	
Grease temp. range 润滑脂温度范围	-20 to 160	℃

Geared Motor 齿轮电机	63ZYT-125-24-F1130	
Protection Class 防护等级	IP65	
Noise 噪音	55	db
Rated Torque 额定转矩	120	Nm
Max. Torque 最大转矩	180	Nm
Ambient Temp. 环境温度	-20 to 85	℃

Dimensions in mm



Planetary Gearbox 行星减速机

PG80 Series



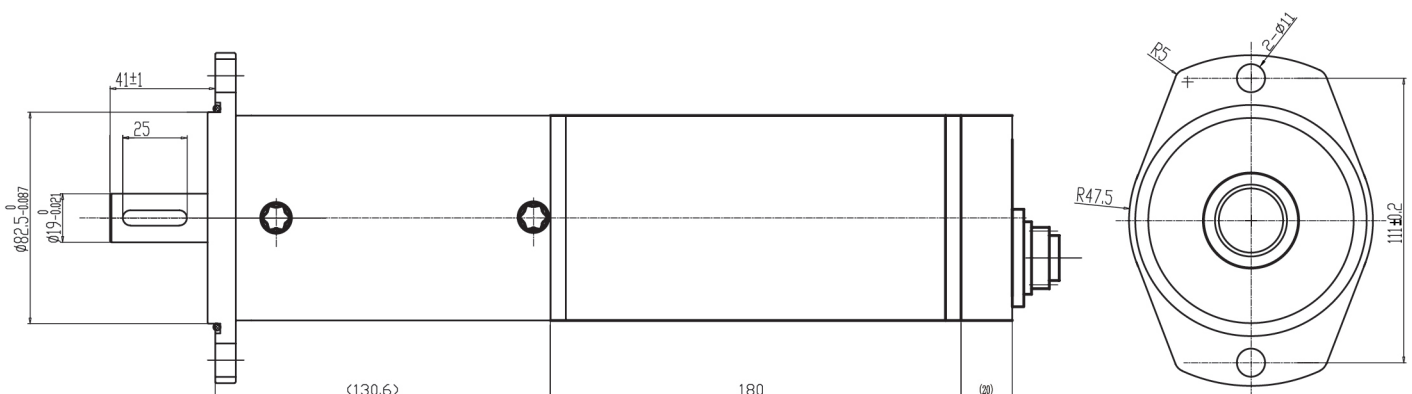
Specifications

Motor 电机	80ZYT-180-24	
Protection Class 防护等级	IP65	
Duty Cycle 工作周期	S1 (100%)	
Rated Voltage 额定电压	24	V
Rated Current 额定电流	5.5	A
Input Power 输入功率	132	W
No Load Current 空载电流	1	A
Rated Torque 额定转矩	0.82	Nm
Rated Speed 额定转速	1025	± 10% rpm
Rated Output Power 额定输出功率	88	W
Friction Torque 摩擦转矩	2	Ncm
Efficiency 效率	72%	
Max. Torque 最大转矩	1.9	± 10% Nm
Max. Current 最大电流	15	A
No Load Speed 空载转速	1300	± 10% rpm
Max. Power 最大功率	250	W
Max. Housing Temp. 最高壳体温度	85	°C
Weight 重量	3	Kg

Planetary Gearbox 行星齿轮箱	F1183	
Protection Class 防护等级	IP65	
Ratio 减速比	225 : 1	
Rated Torque 额定转矩	115	Nm
Max. Torque 最大转矩	226	Nm
Ambient Temp. 环境温度	-20 to 85	°C
Grease 润滑脂	Smart top 28	
Grease temp. range 润滑脂温度范围	-20 to 160	°C

Geared Motor 齿轮电机	80ZYT-180-24-F1183	
Protection Class 防护等级	IP65	
Noise 噪音	55	db
Rated Torque 额定转矩	150	Nm
Max. Torque 最大转矩	250	Nm
Ambient Temp. 环境温度	-20 to 85	°C

Dimensions in mm



Planetary Gearbox 行星减速机

PG90 Series



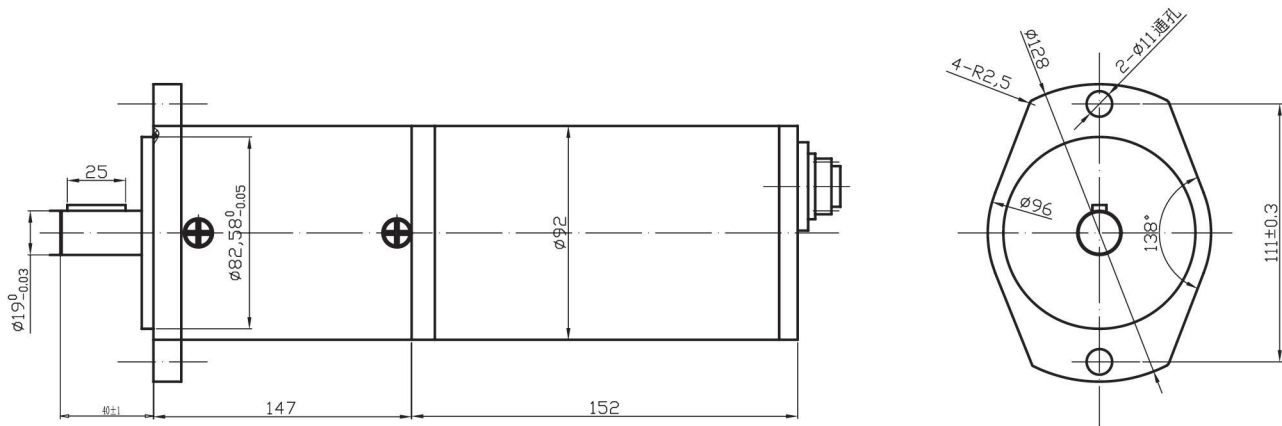
Specifications

Motor 电机	90ZYT-152-24	
Protection Class 防护等级	IP65	
Duty Cycle 工作周期	S1 (100%)	
Rated Voltage 额定电压	24	V
Rated Current 额定电流	5.5	A
Input Power 输入功率	132	W
No Load Current 空载电流	1.2	A
Rated Torque 额定转矩	0.86	Nm
Rated Speed 额定转速	1055	± 10% rpm
Rated Output Power 额定输出功率	88	W
Friction Torque 摩擦转矩	2	Ncm
Efficiency 效率	72%	
Max. Torque 最大转矩	1.9	± 10% Nm
Max. Current 最大电流	15	A
No Load Speed 空载转速	1300	± 10% rpm
Max. Power 最大功率	275	W
Max. Housing Temp. 最高壳体温度	85	℃
Weight 重量	3.3	Kg

Planetary Gearbox 行星齿轮箱	F1150	
Protection Class 防护等级	IP65	
Ratio 减速比	422 : 1	
Rated Torque 额定转矩	200	Nm
Max. Torque 最大转矩	300	Nm
Ambient Temp. 环境温度	-20 to 85	℃
Grease 润滑脂	Smart top 28	
Grease temp. range 润滑脂温度范围	-20 to 160	℃

Geared Motor 齿轮电机	90ZYT-152-24-F1150	
Protection Class 防护等级	IP65	
Noise 噪音	55	db
Rated Torque 额定转矩	200	Nm
Max. Torque 最大转矩	300	Nm
Ambient Temp. 环境温度	-20 to 85	℃

Dimensions in mm



Planetary Gearbox 行星减速机

PG90 Series



Specifications

Motor 电机	90ZYT-170-24		
Protection Class 防护等级	IP65		
Duty Cycle 工作周期	S1 (100%)		
Rated Voltage 额定电压	24	V	
Rated Current 额定电流	12.5	A	
Input Power 输入功率	300	W	
No Load Current 空载电流	1.7	A	
Rated Torque 额定转矩	0.72	Nm	
Rated Speed 额定转速	3040	± 10% rpm	
Rated Output Power 额定输出功率	229	W	
Friction Torque 摩擦转矩	2	Ncm	
Efficiency 效率	75%		
Max. Torque 最大转矩	1.9	± 10% Nm	
Max. Current 最大电流	30	A	
No Load Speed 空载转速	3500	± 10% rpm	
Max. Power 最大功率	275	W	
Max. Housing Temp. 最高壳体温度	85	°C	
Weight 重量	3.7	Kg	

Planetary Gearbox 行星齿轮箱	PL76		
Protection Class 防护等级	IP65		
Ratio 减速比	76: 1		
Rated Torque 额定转矩	40	Nm	
Max. Torque 最大转矩	60	Nm	
Ambient Temp. 环境温度	-20 to 85	°C	
Grease 润滑脂	Smart top 28		
Grease temp. range 润滑脂温度范围	-20 to 160	°C	

Geared Motor 齿轮电机	90ZYT-170-24-PL76		
Protection Class 防护等级	IP65		
Noise 噪音	55	db	
Rated Torque 额定转矩	40	Nm	
Max. Torque 最大转矩	60	Nm	
Ambient Temp. 环境温度	-20 to 85	°C	

Dimensions in mm

