

# 100W尺寸图与性能表

## 100W DIMENSIONAL DRAWING & PERFORMANCE TABLE

### 性能表 Performance Table (输入转速为3,000rpm时 When input speed is 3000rpm)

额定输入 马达功率 Rated Input Motor	减速比 Reduction Ratio	系列号 Model			输出轴 转速 Shaft Speed (rpm)	额定输出 扭矩 Standard Output Torque (N.m)	瞬间最大 输出扭矩 Instantaneous Max.Output Torque (N.m)	容许径向 负荷 Permissible Radial Load (N)	容许轴向 负荷 Permissible Axial Load (N)	输入轴换算 内部惯性力矩 Of Input Shaftconversion Internal Moment Ofinertia ( $\times 10^{-4}$ kg.m <sup>2</sup> )	容许输出 扭矩 Permissible Output Torque (N.m)	瞬间最大容 许输出扭矩 Instantaneous Max. Permissible Output Toque (N.m)	
		机座号 Type No.	系列号 Model	减速比 Reduction Ratio									马达功率 Motor
100W	1/3	52	ZDR	3	100	0.715	2.06	392	196	0.0575	3.43	10.3	
	1/5	52	ZDR	5	100	1.18	3.72	490	245	0.0400	1.57	4.70	
	1/9	52	ZDR	9	100	333	2.25	6.86	588	294	0.0350	2.35	7.25
	1/15	52	ZDR	15	100	200	3.72	11.4	784	392	0.0350	4.02	12.2
	1/20	52	ZDR	20	100	150	5.00	15.0	804	402	0.0340	5.00	15.0
	1/25	52	ZDR	25	100	120	6.27	19.0	882	441	0.0325	6.27	19.0
	1/35	78	ZDR	35	100	85	7.24	21.7	1670	833	0.0650	13.9	41.7
	1/45	78	ZDR	45	100	66	9.31	28.0	1670	833	0.0285	9.50	28.6
	1/81	98	ZDR	81	100	37	14.0	42.0	2060	1030	0.0300	17.8	53.5

注1) 安装基准系列(马达适用表记载系列)以外的马达时, 每次都是与我们联系。(法兰尺寸可能不同)

注2) 输入轴换算惯性力矩仅为减速机的数值, 不包括马达的惯性力矩。

注3) 最高输入转速为5000rpm。正常情况下请转速控制在3000rpm以下。

注4) 容许径向负荷表示输出轴中央部位的值。

注5) 全部为斜齿轮适用范围。

注6) 马达的安装顺序请参考P31。

注7) 输出轴旋转方向与马达输入旋转方向相同。

Note1) In case of attachment to a motor beyond the standard models(motor matching series), contact us.(How to measure dimensions of the flange may be changed in some cases.)

Note2) The moment of inertia of input shaft conversion is only gained from the reducer, so it does not include moment of inertia of the motor.

Note3) The max. input speed is 5000rpm, and usually set to 3000rpm or less.

Note4) The permissible radial load is indicated on the center of the output shaft.

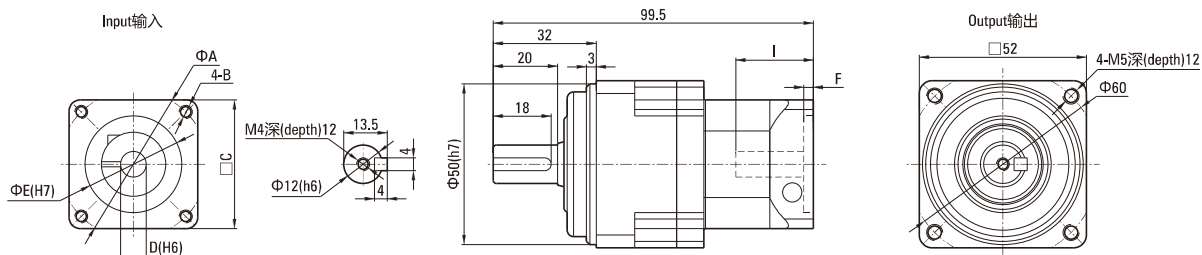
Note5) All values are within the range corresponding to helical gear.

Note6) For motor assembly procedure, see 31 page.

Note7) Rotation of the output shaft is in the same direction as motor.

### 尺寸表 Dimensional Table

#### ● 52ZDR3-5-100



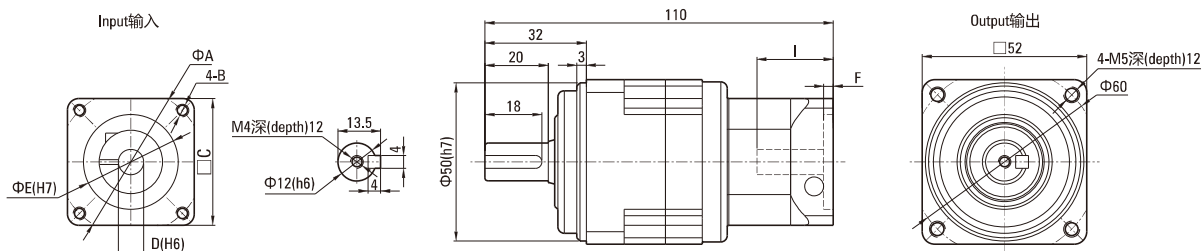
● 法兰部位详细尺寸表 Detailed Flange Dimensions Table

(单位Unit:mm)

马达种类 Motor Type	A	B	C	D	E	F	I
T1	45	M3深(depth)6.5	38	8	30	4	26
T2	46	M4深(depth)6.5	40	8	30	4	26
T3	46	M4深(depth)6.5	40	8	30	4	26

- 概略重量0.55kg  
Rough weight 0.55kg
- T1~3的详细情况请参考P.43  
For details of T1~3, see 43 page

#### ● 52ZDR15-20-25-100



● 法兰部位详细尺寸表 Detailed Flange Dimensions Table

(单位Unit:mm)

马达种类 Motor Type	A	B	C	D	E	F	I
T1	45	M3深(depth)6.5	38	8	30	4	26
T2	46	M4深(depth)6.5	40	8	30	4	26
T3	46	M4深(depth)6.5	40	8	30	4	26

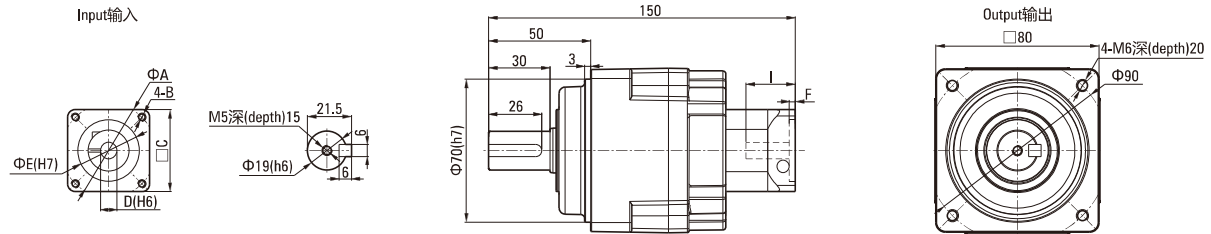
- 概略重量0.7kg  
Rough weight 0.7kg
- T1~3的详细情况请参考P.43  
For details of T1~3, see 43 page

# 100W尺寸图与性能表

## 100W DIMENSIONAL DRAWING & PERFORMANCE TABLE

### 尺寸表 Dimensional Table

#### ● 78ZDR35-100

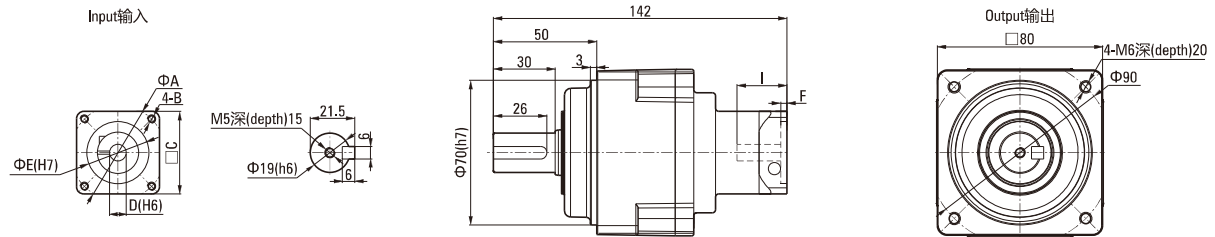


#### ● 法兰部位详细尺寸表 Detailed Flange Dimensions Table (单位Unit:mm)

马达种类 Motor Type	A	B	C	D	E	F	I
T1	45	M3深(depth)6.5	38	8	30	4	26
T2	46	M4深(depth)6.5	40	8	30	4	26
T3	46	M4深(depth)6.5	40	8	30	4	26

- 概略重量2.0kg  
Rough weight 2.0kg
- T1~3的详细情况请参照P.43  
For details of T1~3, see 43 page

#### ● 78ZDR45-100

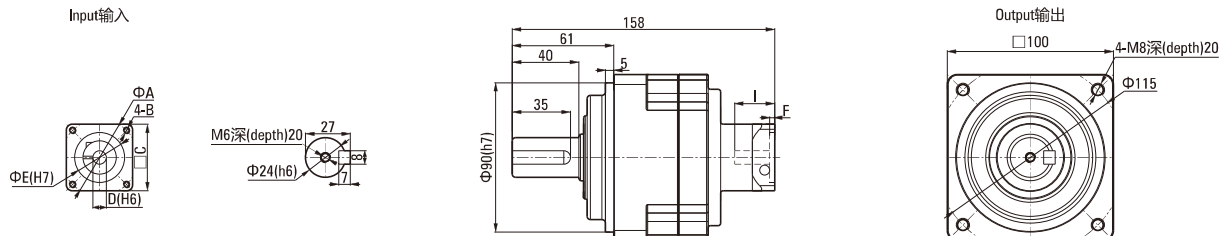


#### ● 法兰部位详细尺寸表 Detailed Flange Dimensions Table (单位Unit:mm)

马达种类 Motor Type	A	B	C	D	E	F	I
T1	45	M3深(depth)6.5	38	8	30	4	26
T2	46	M4深(depth)6.5	40	8	30	4	26
T3	46	M4深(depth)6.5	40	8	30	4	26

- 概略重量1.7kg  
Rough weight 1.7kg
- T1~3的详细情况请参照P.43  
For details of T1~3, see 43 page

#### ● 98ZDR81-100



#### ● 法兰部位详细尺寸表 Detailed Flange Dimensions Table (单位Unit:mm)

马达种类 Motor Type	A	B	C	D	E	F	I
T1	45	M3深(depth)6.5	38	8	30	4	26
T2	46	M4深(depth)6.5	40	8	30	4	26
T3	46	M4深(depth)6.5	40	8	30	4	26

- 概略重量3.0kg  
Rough weight 3.0kg
- T1~3的详细情况请参照P.43  
For details of T1~3, see 43 page