

# ZDS 400W 尺寸图与性能表

## ZDS 400W 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	型号 Model				输出轴 转速 Outout 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 Internal Moment Of Inertia Of Input Shaftconversion (x10 <sup>-4</sup> 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								
400W	1/3	70	ZDS	3	-400	1000	3.75	11.25	6000	3000	0.32	30	60
	1/4	70	ZDS	4	-400	750	5.00	15.00	6000	3000	0.2	40	80
	1/5	70	ZDS	5	-400	600	6.25	18.75	6000	3000	0.16	50	100
	1/8	70	ZDS	8	-400	375	9.99	29.97	6000	3000	0.12	37	74
	1/10	70	ZDS	10	-400	300	12.49	37.47	6000	3000	0.1	27	54
	1/12	70	ZDS	12	-400	250	14.67	44.02	6000	3000	0.22	68	136
	1/15	70	ZDS	15	-400	200	18.34	55.02	6000	3000	0.21	68	136
	1/16	70	ZDS	16	-400	187.5	19.56	58.69	6000	3000	0.2	77	154
	1/20	70	ZDS	20	-400	150	24.45	73.35	6000	3000	0.17	77	154
	1/25	70	ZDS	25	-400	120	30.56	91.68	6000	3000	0.16	68	136
	1/32	70	ZDS	32	-400	93.75	39.11	117.34	6000	3000	0.13	77	154
	1/40	90	ZDS	40	-400	75	48.89	146.67	9000	4500	0.45	110	220
	1/64	115	ZDS	64	-400	46.875	78.22	234.65	12000	6000	1.05	148	296
	1/100	142	ZDS	100	-400	30	117.01	351.03	19000	9500	4.17	305	610

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) 马达的安装顺序请参考P158。

注6) 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.

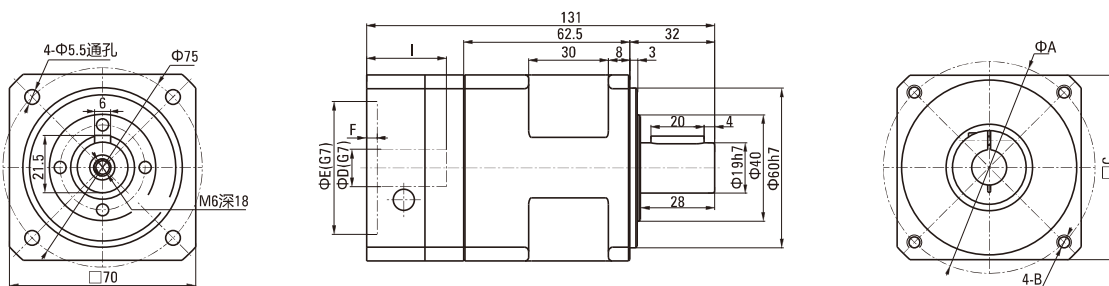
Note4) The permissible radial load is indicated on the center of the output shaft.

Note5) For motor assembly procedure, see 158 page.

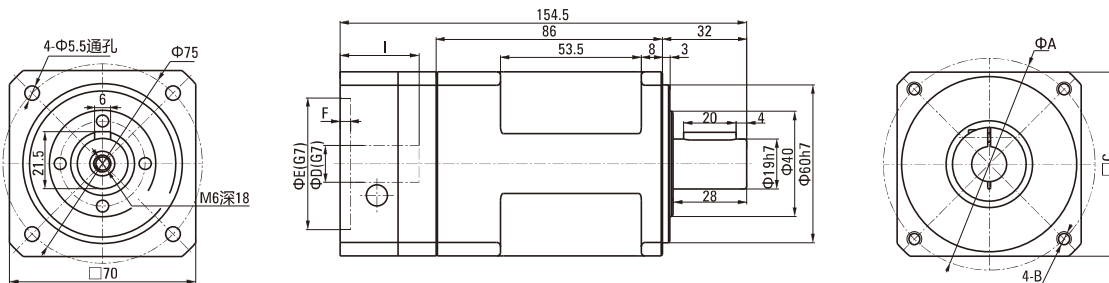
Note6) Rotation of the output shaft is in the same direction as motor.

### 尺寸图 Dimensional Drawing

#### ● 70ZDS3-4-5-8-10-400



#### ● 70ZDS12-15-16-20-25-32-400



● 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	70	M4深(depth)10	60	14	50	4	30
T2	70	M5深(depth)12	60	14	50	4	30
T3	70	M5深(depth)12	60	14	50	4	30

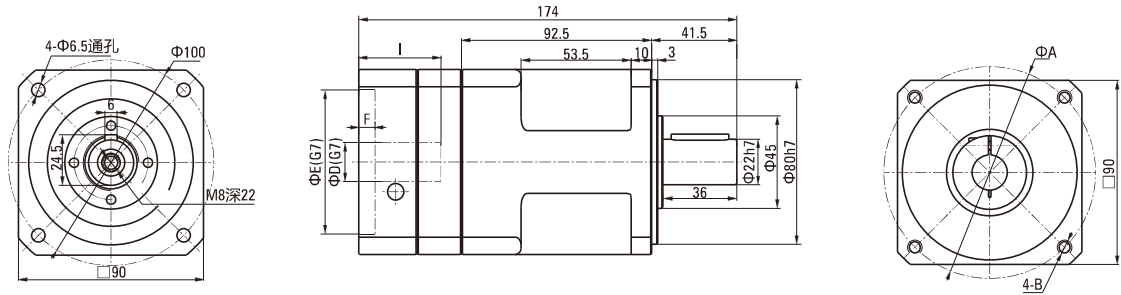
● T1~3的详细情况请参考P156  
For details of T1~3, see 156 page

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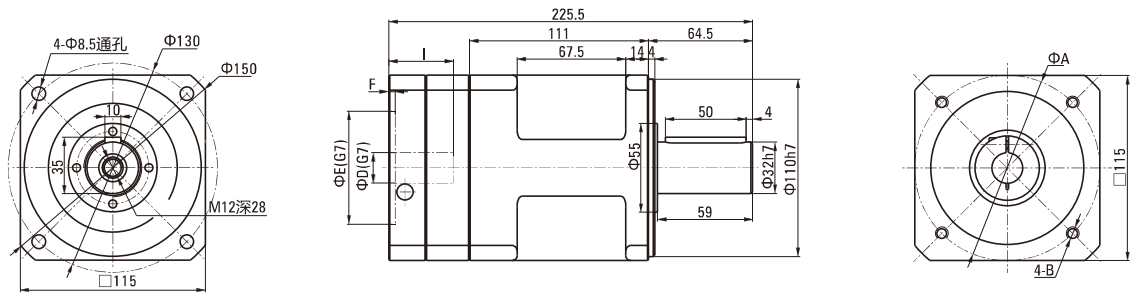
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### 尺寸图 Dimensional Drawing

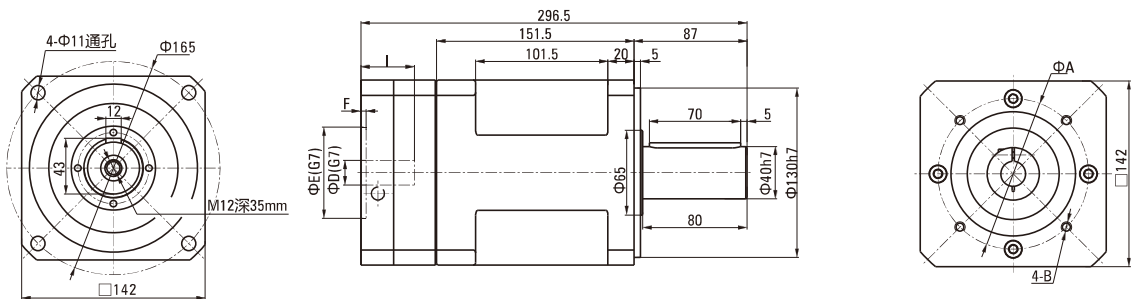
● 90ZDS40-400



● 115ZDS64-400



● 142ZDS100-400



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

(单位Unit:mm)

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T1	70	M4深(depth)10	60	14	50	4	30
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• T1~3的详细情况请参照P.156

For details of T1~3, see 156 page