



PLANETARY GEAR BOX

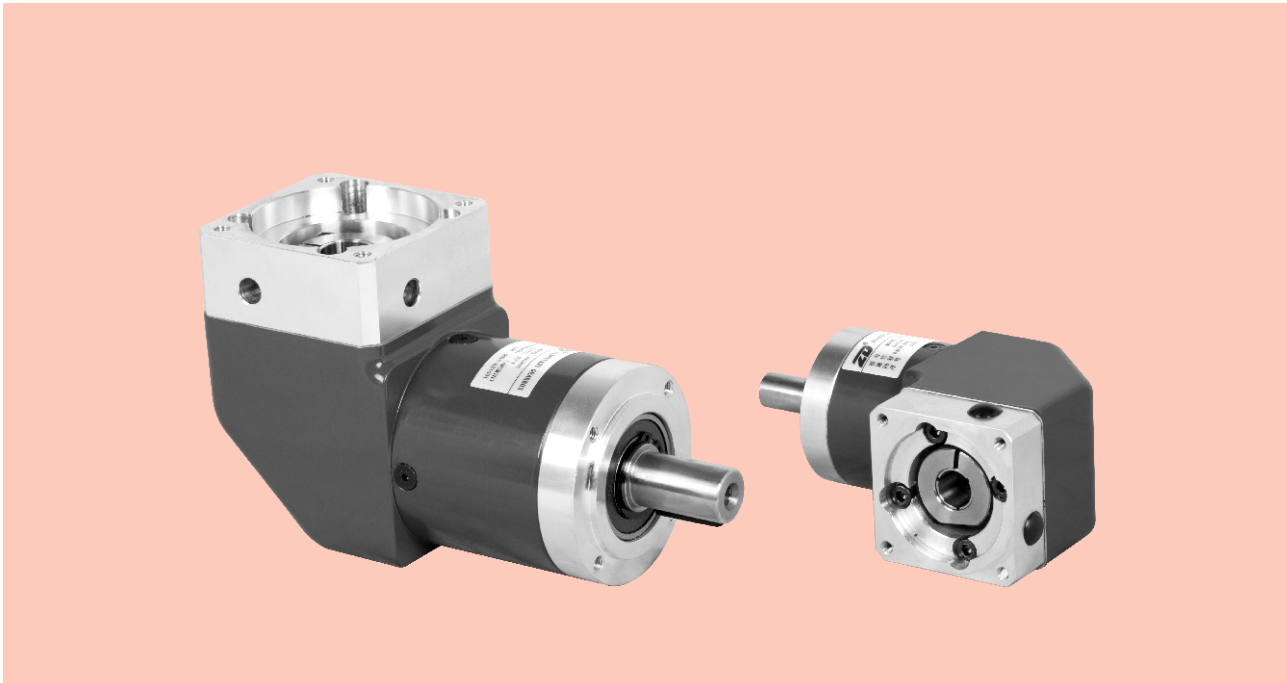
ZDE/ZDF/ZDWE/ZDWF/ZDS系列
高精度行星减速机

中大电机
ZD MOTOR

ZDWE/ZDWF减速比、机座号

ZDWE/ZDWF REDUCTION RATIO & TYPE NUMBER

产品图 Product Graph



输入转速为3000rpm时 When Input Speed Is 3000rpm

马达功率Motor Power(W)	减速比Reduction Ratio	单级减速 1 Stage Reduction					两级减速 2 Stage Reduction								三级减速 3 Stage Reduction									
	1/3	1/4	1/5	1/8	1/10	1/9	1/12	1/15	1/16	1/20	1/25	1/32	1/40	1/64	1/60	1/80	1/100	1/120	1/160	1/200	1/256	1/320	1/512	
50W															60									120
100W														80									120	
200W														120						120				
400W																								
750W																								
1000W																								
1500W																								
2000W																								
2500W																								
3000W																								
3500W																								
4000W																								
4500W																								
5000W																								

关于润滑油 About Lubricant

• 润滑: 润滑脂	• 更换: 不可	• Lubrication: Grease	• Replacement: Not available
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ZDWE/ZDWF性能表（输入转速为3,000RPM时）

ZDWE/ZDWF PERFORMANCE TABLE (WHEN INPUT SPEED IS 3000RPM)

性能表 Performance Table

减速比 Reduction Ratio	型 号 Model				输出轴 转速 Shaft Speed	额定输出 扭矩 Standard Output Torque	瞬间最大 输出扭矩 Instantaneous Max.Output Torque	容许径向 负荷 Permissible Radial Load	容许轴向 负荷 Permissible Axial Load	输入轴换算 内部惯性力矩 Internal Moment Of Inertia Of Input Shaftconversion	容许输出 扭矩 Permissible Output Torque	瞬间最大容 许输出扭矩 Instantaneous max. Permissible Output Torque
	机座号 Type No.	系列号 Model	减速比 Reduction Ratio	马达功率 Motor								
					(rpm)	(N.m)	(N.m)	(N)	(N)	(x10 ⁻⁴ kg.m ²)	(N.m)	(N.m)
1/3	60	ZDW□	3	-50	1000	0.46	1.38	450	225	0.246	12	24
	60	ZDW□	3	-100	1000	0.93	2.79	450	225	0.246	12	24
	60	ZDW□	3	-200	1000	1.85	5.55	450	225	0.246	12	24
	60	ZDW□	3	-400	1000	3.75	11.25	450	225	0.246	12	24
	80	ZDW□	3	-750	1000	6.92	20.76	900	450	1.189	40	80
	80	ZDW□	3	-1000	1000	9.16	27.48	900	450	1.189	40	80
	80	ZDW□	3	-1500	1000	13.74	41.22	900	450	1.189	40	80
	80	ZDW□	3	-2000	1000	18.35	55.05	900	450	1.189	40	80
	80	ZDW□	3	-2500	1000	22.93	68.79	900	450	1.189	40	80
	120	ZDW□	3	-3000	1000	27.51	82.53	2100	1050	5.75	80	160
	120	ZDW□	3	-3500	1000	31.97	95.91	2100	1050	5.75	80	160
	120	ZDW□	3	-4000	1000	36.58	109.74	2100	1050	5.75	80	160
	120	ZDW□	3	-4500	1000	41.19	123.57	2100	1050	5.75	80	160
	120	ZDW□	3	-5000	1000	45.80	137.40	2100	1050	5.75	80	160
1/4	60	ZDW□	4	-50	750	0.62	1.86	450	225	0.204	16	32
	60	ZDW□	4	-100	750	1.23	3.69	450	225	0.204	16	32
	60	ZDW□	4	-200	750	2.46	7.38	450	225	0.204	16	32
	60	ZDW□	4	-400	750	5.00	15.00	450	225	0.204	16	32
	80	ZDW□	4	-750	750	9.22	27.66	-	-	-	-	-
	80	ZDW□	4	-1000	750	12.22	36.66	900	450	0.939	50	100
	80	ZDW□	4	-1500	750	18.32	54.96	900	450	0.939	50	100
	80	ZDW□	4	-2000	750	24.47	73.41	900	450	0.939	50	100
	80	ZDW□	4	-2500	750	30.57	91.71	900	450	0.939	50	100
	120	ZDW□	4	-3000	750	36.68	110.04	2100	1050	3.91	110	220
	120	ZDW□	4	-3500	750	42.63	127.89	2100	1050	3.91	110	220
	120	ZDW□	4	-4000	750	48.77	146.31	2100	1050	3.91	110	220
	120	ZDW□	4	-4500	750	54.92	164.76	2100	1050	3.91	110	220
	120	ZDW□	4	-5000	750	61.06	183.18	2100	1050	3.91	110	220
1/5	60	ZDW□	5	-50	600	0.77	2.31	450	225	0.189	16	32
	60	ZDW□	5	-100	600	1.54	4.62	450	225	0.189	16	32
	60	ZDW□	5	-200	600	3.08	9.24	450	225	0.189	16	32
	60	ZDW□	5	-400	600	6.25	18.75	450	225	0.189	16	32
	80	ZDW□	5	-750	600	11.53	34.59	900	450	0.869	50	100
	80	ZDW□	5	-1000	600	15.27	45.81	900	450	0.869	50	100
	80	ZDW□	5	-1500	600	22.90	68.70	900	450	0.869	50	100
	80	ZDW□	5	-2000	600	30.58	91.74	900	450	0.869	50	100
	120	ZDW□	5	-2500	600	38.21	114.63	2100	1050	3.35	110	220
	120	ZDW□	5	-3000	600	45.85	137.55	2100	1050	3.35	110	220
	120	ZDW□	5	-3500	600	53.29	159.87	2100	1050	3.35	110	220
	120	ZDW□	5	-4000	600	60.97	182.91	2100	1050	3.35	110	220
	120	ZDW□	5	-4500	600	68.65	205.95	2100	1050	3.35	110	220
	1/8	60	ZDW□	8	-50	375	1.23	3.69	450	225	0.176	15
60		ZDW□	8	-100	375	2.46	7.38	450	225	0.176	15	30
60		ZDW□	8	-200	375	4.92	14.76	450	225	0.176	15	30
60		ZDW□	8	-400	375	9.99	29.97	450	225	0.176	15	30
80		ZDW□	8	-750	375	18.44	55.32	900	450	0.809	45	90
80		ZDW□	8	-1000	375	24.43	73.29	900	450	0.809	45	90
120		ZDW□	8	-1500	375	36.64	109.92	2100	1050	2.89	100	200
120		ZDW□	8	-2000	375	48.93	146.79	2100	1050	2.89	100	200
120		ZDW□	8	-2500	375	61.14	183.42	2100	1050	2.89	100	200
1/10	60	ZDW□	10	-50	300	1.54	4.62	450	225	0.152	12	24
	60	ZDW□	10	-100	300	3.08	9.24	450	225	0.152	12	24
	60	ZDW□	10	-200	300	6.15	18.45	450	225	0.152	12	24
	80	ZDW□	10	-400	300	12.49	37.47	900	450	0.73	40	80
	80	ZDW□	10	-750	300	23.05	69.15	900	450	0.73	40	80
	120	ZDW□	10	-1000	300	30.53	91.59	2100	1050	2.54	80	160
	120	ZDW□	10	-1500	300	45.80	137.40	2100	1050	2.54	80	160

ZDWE/ZDWF性能表 (输入转速为3,000RPM时)

ZDWE/ZDWF PERFORMANCE TABLE (WHEN INPUT SPEED IS 3000RPM)

性能表 Performance Table

减速比 Reduction Ratio	型 号 Model				输出轴 转速 Outout Shaft Speed	额定输出 扭矩 Standard Output Torque	瞬间最大 输出扭矩 Instantaneous Max.Output Torque	容许径向 负荷 Permissible Radial Load	容许轴向 负荷 Permissible Axial Load	输入轴换算 内部惯性力矩 Internal Moment Of Inertia Of Input Shaftconversion	容许输出 扭矩 Permissible Output Torque	瞬间最大容 许输出扭矩 Instantaneous max. Permissible Output Toque
	机座号 Type No.	系列号 Model	减速比 Reduction Ratio	马达功率 Motor								
					(rpm)	(N.m)	(N.m)	(N)	(N)	(x10 ⁻⁴ kg.m ²)	(N.m)	(N.m)
1/9	60	ZDW□	9	-50	333.3	1.36	4.09	450	225	0.242	40	80
	60	ZDW□	9	-100	333.3	2.72	8.15	450	225	0.242	40	80
	60	ZDW□	9	-200	333.3	5.42	16.27	450	225	0.242	40	80
	60	ZDW□	9	-400	333.3	11.01	33.00	450	225	0.242	40	80
	80	ZDW□	9	-750	333.3	20.31	60.94	-	-	-	-	-
	80	ZDW□	9	-1000	333.3	26.91	80.74	900	450	1.159	100	200
	80	ZDW□	9	-1500	333.3	40.36	121.09	900	450	1.159	100	200
	80	ZDW□	9	-2000	333.3	53.90	161.70	900	450	1.159	100	200
	80	ZDW□	9	-2500	333.3	67.35	200.00	900	450	1.159	100	200
	120	ZDW□	9	-3000	333.3	80.80	242.41	2100	1050	5.73	210	420
	120	ZDW□	9	-3500	333.3	93.92	281.75	2100	1050	5.73	210	420
	120	ZDW□	9	-4000	333.3	107.45	322.36	6000	3000	5.73	210	420
1/12	60	ZDW□	12	-50	250	1.81	5.44	450	225	0.238	40	80
	60	ZDW□	12	-100	250	3.62	10.86	450	225	0.238	40	80
	60	ZDW□	12	-200	250	7.23	21.69	450	225	0.238	40	80
	60	ZDW□	12	-400	250	14.67	44.02	450	225	0.238	40	80
	80	ZDW□	12	-750	250	27.08	81.25	900	450	1.139	100	200
	80	ZDW□	12	-1000	250	35.88	107.64	900	450	1.139	100	200
	80	ZDW□	12	-1500	250	53.82	161.45	900	450	1.139	100	200
	120	ZDW□	12	-2000	250	71.86	215.59	2100	1050	5.6	210	420
	120	ZDW□	12	-2500	250	89.80	269.40	2100	1050	5.6	210	420
	120	ZDW□	12	-3000	250	107.73	323.20	2100	1050	5.6	210	420
	120	ZDW□	12	-3500	250	125.22	375.65	2100	1050	5.6	210	420
	120	ZDW□	12	-4000	250	143.15	427.06	6000	3000	5.6	210	420
1/15	60	ZDW□	15	-50	200	2.27	6.80	450	225	0.188	40	80
	60	ZDW□	15	-100	200	4.52	13.57	450	225	0.188	40	80
	60	ZDW□	15	-200	200	9.03	27.10	450	225	0.188	40	80
	60	ZDW□	15	-400	200	18.34	55.02	450	225	0.188	40	80
	80	ZDW□	15	-750	200	33.85	101.55	900	450	1.129	100	200
	80	ZDW□	15	-1000	200	44.85	134.54	900	450	1.129	100	200
	80	ZDW□	15	-1500	200	67.27	200.00	900	450	1.129	100	200
	120	ZDW□	15	-2000	200	89.83	269.48	2100	1050	5.53	210	420
	120	ZDW□	15	-2500	200	112.25	336.74	2100	1050	5.53	210	420
	120	ZDW□	15	-3000	200	134.67	404.00	2100	1050	5.53	210	420
	120	ZDW□	15	-3500	200	157.08	475.26	6000	3000	5.53	210	420
	120	ZDW□	15	-4000	200	179.50	546.51	6000	3000	5.53	210	420
1/16	60	ZDW□	16	-50	187.5	2.42	7.25	450	225	0.199	44	88
	60	ZDW□	16	-100	187.5	4.82	14.47	450	225	0.199	44	88
	60	ZDW□	16	-200	187.5	9.64	28.91	450	225	0.199	44	88
	60	ZDW□	16	-400	187.5	19.56	58.69	450	225	0.199	44	88
	80	ZDW□	16	-750	187.5	36.11	108.32	900	450	0.919	120	240
	80	ZDW□	16	-1000	187.5	47.84	143.51	900	450	0.919	120	240
	80	ZDW□	16	-1500	187.5	71.75	215.25	900	450	0.919	120	240
	120	ZDW□	16	-2000	187.5	95.81	287.44	2100	1050	3.83	260	520
	120	ZDW□	16	-2500	187.5	119.73	359.19	2100	1050	3.83	260	520
	120	ZDW□	16	-3000	187.5	143.64	430.93	2100	1050	3.83	260	520
	120	ZDW□	16	-3500	187.5	166.95	500.86	2100	1050	3.83	260	520
	120	ZDW□	16	-4000	187.5	190.26	570.79	6000	3000	3.83	260	520
1/20	60	ZDW□	20	-50	150	3.02	9.05	450	225	0.186	44	88
	60	ZDW□	20	-100	150	6.03	18.08	450	225	0.186	44	88
	60	ZDW□	20	-200	150	12.04	36.13	450	225	0.186	44	88
	60	ZDW□	20	-400	150	24.45	73.35	450	225	0.186	44	88
	80	ZDW□	20	-750	150	45.13	135.39	900	450	0.859	120	240
	80	ZDW□	20	-1000	150	59.79	179.38	900	450	0.859	120	240
	120	ZDW□	20	-1500	150	89.69	269.06	2100	1050	3.28	260	520
	120	ZDW□	20	-2000	150	119.77	359.30	2100	1050	3.28	260	520
1/25	60	ZDW□	25	-50	120	3.77	11.31	450	225	0.186	40	80
	60	ZDW□	25	-100	120	7.53	22.59	450	225	0.186	40	80
	60	ZDW□	25	-200	120	15.05	45.15	450	225	0.186	40	80
	80	ZDW□	25	-400	120	30.56	91.68	900	450	0.859	110	220

ZDWE/ZDWF性能表（输入转速为3,000RPM时）

ZDWE/ZDWF PERFORMANCE TABLE (WHEN INPUT SPEED IS 3000RPM)

性能表 Performance Table

减速比 Reduction Ratio	型 号 Model				输出轴 转速 Shaft Speed	额定输出 扭矩 Standard Output Torque	瞬间最大 输出扭矩 Instantaneous Max.Output Torque	容许径向 负荷 Permissible Radial Load	容许轴向 负荷 Permissible Axial Load	输入轴换算 内部惯性力矩 Of Input Shaftconversion	容许输出 扭矩 Permissible Output Torque	瞬间最大容 许输出扭矩 Instantaneous max. Permissible Output Torque
	机座号 Type No.	系列号 Model	减速比 Reduction Ratio	马达功率 Motor								
1/25	80	ZDW□	25	-750	120	56.41	169.23	900	450	0.859	110	220
	120	ZDW□	25	-1000	120	74.74	224.22	2100	1050	3.26	230	460
	120	ZDW□	25	-1500	120	112.11	336.32	2100	1050	3.26	230	460
	120	ZDW□	25	-200	120	149.71	449.12	2100	1050	3.26	230	460
1/32	60	ZDW□	32	-50	93.75	4.82	14.47	450	225	0.175	44	88
	60	ZDW□	32	-100	93.75	9.64	28.91	450	225	0.175	44	88
	60	ZDW□	32	-200	93.75	19.26	57.78	450	225	0.175	44	88
	80	ZDW□	32	-400	93.75	39.11	117.34	900	450	0.809	120	240
	80	ZDW□	32	-750	93.75	72.20	216.61	900	450	0.809	120	240
	120	ZDW□	32	-1000	93.75	95.66	286.99	2100	1050	2.84	260	520
	120	ZDW□	32	-1500	93.75	143.49	430.47	2100	1050	2.84	260	520
	120	ZDW□	32	-200	93.75	19.26	57.78	450	225	0.175	44	88
1/40	60	ZDW□	40	-50	75	6.03	18.08	450	225	0.175	40	80
	60	ZDW□	40	-100	75	12.04	36.00	450	225	0.175	40	80
	60	ZDW□	40	-200	75	24.07	72.22	450	225	0.175	40	80
	80	ZDW□	40	-400	75	48.89	146.67	900	450	0.809	110	220
	120	ZDW□	40	-750	75	90.25	270.75	2100	1050	2.84	230	460
	120	ZDW□	40	-1000	75	119.58	358.73	2100	1050	2.84	230	460
	60	ZDW□	64	-50	46.875	9.64	28.91	450	225	0.175	18	36
	80	ZDW□	64	-100	46.875	19.26	57.78	900	450	0.809	50	100
1/64	120	ZDW□	64	-200	46.875	38.51	115.54	2100	1050	2.84	120	240
	120	ZDW□	64	-400	46.875	78.22	234.65	2100	1050	2.84	120	240
	60	ZDW□	60	-50	50	8.65	25.95	450	225	0.187	40	80
	60	ZDW□	60	-100	50	17.29	51.87	450	225	0.187	40	80
1/60	80	ZDW□	60	-200	50	34.57	103.71	900	450	0.929	100	200
	120	ZDW□	60	-400	50	70.21	210.63	2100	1050	5.62	210	420
	120	ZDW□	60	-750	50	129.61	388.83	2100	1050	5.62	210	420
	60	ZDW□	80	-50	37.5	11.53	34.59	450	225	0.186	44	88
1/80	60	ZDW□	80	-100	37.5	23.05	69.15	450	225	0.186	44	88
	80	ZDW□	80	-200	37.5	46.09	138.27	900	450	0.919	120	240
	120	ZDW□	80	-400	37.5	93.61	280.83	2100	1050	3.28	260	520
	60	ZDW□	100	-50	30	14.41	43.23	450	225	0.186	44	88
1/100	80	ZDW□	100	-100	30	28.81	86.43	450	225	0.859	44	88
	80	ZDW□	100	-200	30	57.61	172.83	900	450	0.859	120	240
	120	ZDW□	100	-400	30	117.01	351.03	2100	1050	3.26	260	520
	60	ZDW□	120	-50	25	17.29	51.87	450	225	0.175	40	80
1/120	80	ZDW□	120	-100	25	34.57	103.71	900	450	0.809	110	220
	80	ZDW□	120	-200	25	69.13	207.39	900	450	0.809	110	220
	120	ZDW□	120	-400	25	140.41	421.23	2100	1050	2.84	230	460
	60	ZDW□	160	-50	18.75	23.05	69.15	450	225	0.175	44	88
1/160	80	ZDW□	160	-100	18.75	46.09	138.27	900	450	0.809	120	240
	120	ZDW□	160	-200	18.75	92.17	276.51	2100	1050	2.84	260	520
	80	ZDW□	200	-50	15	28.81	86.43	900	450	0.809	110	220
	80	ZDW□	200	-100	15	57.61	172.83	900	450	0.809	110	220
1/200	120	ZDW□	200	-200	15	115.21	345.63	2100	1050	2.84	230	460
	80	ZDW□	256	-50	11.72	36.87	110.62	900	450	0.809	120	240
	80	ZDW□	256	-100	11.72	73.74	221.21	900	450	0.809	120	240
	120	ZDW□	256	-200	11.72	147.47	442.40	2100	1050	2.84	260	520
1/320	80	ZDW□	320	-50	9.375	46.09	138.27	900	450	0.809	110	220
	120	ZDW□	320	-100	9.375	92.17	276.51	2100	1050	2.84	230	460
	120	ZDW□	512	-50	5.86	73.74	221.21	2100	1050	2.84	120	240
	120	ZDW□	512	-100	5.86	147.47	442.40	2100	1050	2.84	230	460

注1) 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2) 最高输入转速为5000rpm，正常情况下请将转速控制在3000rpm以下。
注3) 容许径向负荷为输出轴中央部的数值。

Note1) 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.
Note2) The max, input speed is 5000rpm. Usually set to 3000rpm or less.
Note3) The permissible radial load is indicated on the center of the output shaft.

ZDWE/ZDWF 50W 尺寸图与性能表

ZDWE/ZDWF 50W 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 ⁻⁴ kg.m ²)	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 Torque (N.m)
		机座号 Type No.	系列号 Model	减速比 Reduction Ratio	马达功率 Motor								
50W	1/3	60	ZDW□	3	-50	1000	0.46	1.38	450	225	0.246	12	24
	1/4	60	ZDW□	4	-50	750	0.62	1.86	450	225	0.204	16	32
	1/5	60	ZDW□	5	-50	600	0.77	2.31	450	225	0.189	16	32
	1/8	60	ZDW□	8	-50	375	1.23	3.69	450	225	0.176	15	30
	1/10	60	ZDW□	10	-50	300	1.54	4.62	450	225	0.152	12	24
	1/9	60	ZDW□	9	-50	333.3	1.36	4.09	450	225	0.242	40	80
	1/12	60	ZDW□	12	-50	250	1.81	5.44	450	225	0.238	40	80
	1/15	60	ZDW□	15	-50	200	2.27	6.80	450	225	0.188	40	80
	1/16	60	ZDW□	16	-50	187.5	2.42	7.25	450	225	0.199	44	88
	1/20	60	ZDW□	20	-50	150	3.02	9.05	450	225	0.186	44	88
	1/25	60	ZDW□	25	-50	120	3.77	11.31	450	225	0.186	40	80
	1/32	60	ZDW□	32	-50	93.75	4.82	14.47	450	225	0.175	44	88
	1/40	60	ZDW□	40	-50	75	6.03	18.08	450	225	0.175	40	80
	1/64	60	ZDW□	64	-50	46.875	9.64	28.91	450	225	0.175	18	36
	1/60	60	ZDW□	60	-50	50	8.65	25.95	450	225	0.187	40	80
	1/80	60	ZDW□	80	-50	37.5	11.53	34.59	450	225	0.186	44	88
	1/100	60	ZDW□	100	-50	30	14.41	43.23	450	225	0.186	44	88
	1/120	60	ZDW□	120	-50	25	17.29	51.87	450	225	0.175	40	80
	1/160	60	ZDW□	160	-50	18.75	23.05	69.15	450	225	0.175	44	88
	1/200	80	ZDW□	200	-50	15	28.81	86.43	900	450	0.809	110	220
	1/256	80	ZDW□	256	-50	11.72	36.87	110.62	900	450	0.809	120	240
	1/320	80	ZDW□	320	-50	9.375	46.09	138.27	900	450	0.809	110	220
	1/512	120	ZDW□	512	-50	5.86	73.74	221.21	2100	1050	2.84	120	240

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.

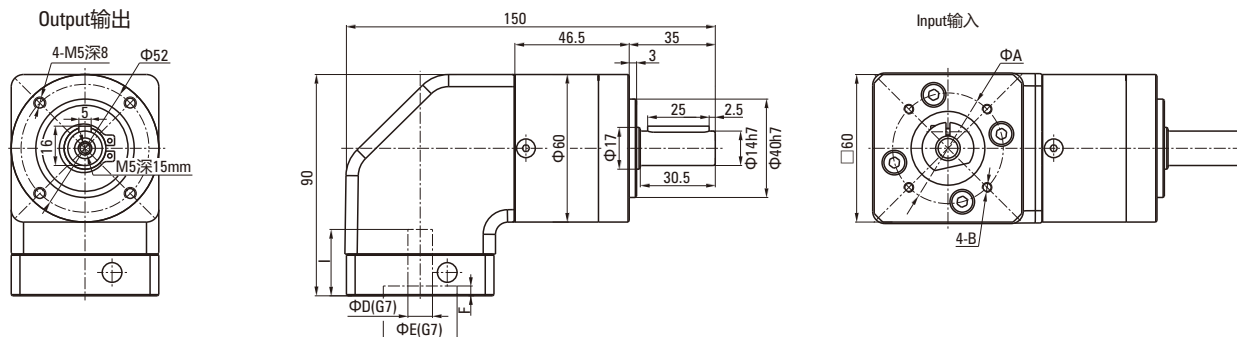
Note4) The permissible radial load is indicated on the center of the output shaft.

Note5) For motor assembly procedure, see 158 page.

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

ZDWE尺寸表 Dimensions

● 60ZDWE3-4-5-8-10-50



● 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)10	40	8	30	4	26
T2	46	M4深(depth)10	40	6	30	4	26
T3	46	M4深(depth)10	40	8	30	4	26

• T1~3的详细情况请参考P156

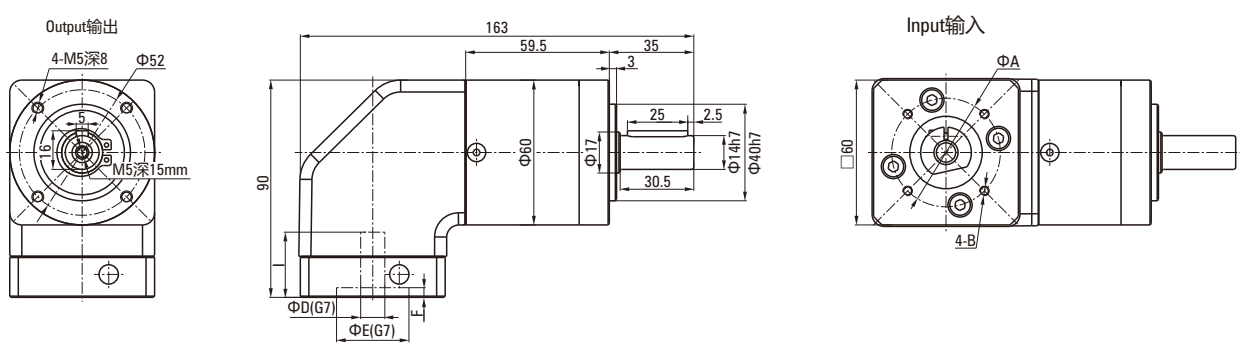
For details of T1~3, see 156 page

ZDWE/ZDWF 50W 尺寸图与性能表

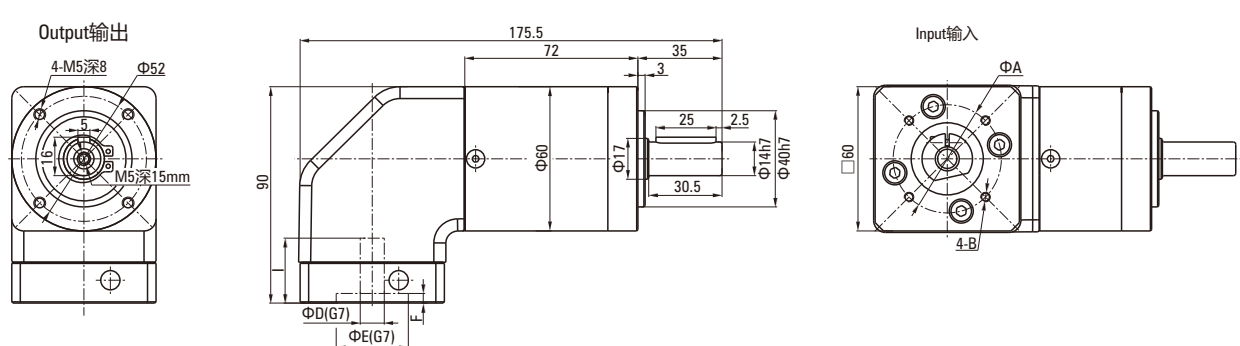
ZDWE/ZDWF 50W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWE尺寸图 Dimensional Drawing

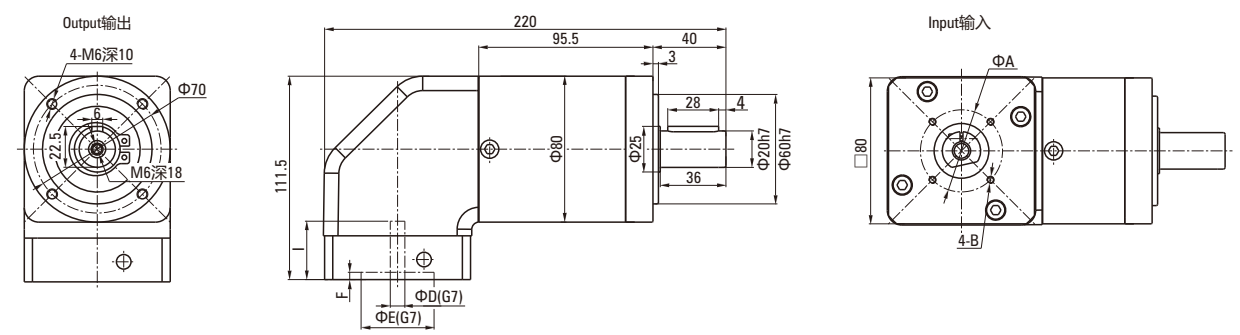
● 60ZDWE9-12-15-16-20-25-32-40-64-50



● 60ZDWE60-80-100-120-160-50



● 80ZDWE200-256-320-50



● 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)10	40	8	30	4	26
T2	46	M4深(depth)10	40	6	30	4	26
T3	46	M4深(depth)10	40	8	30	4	26

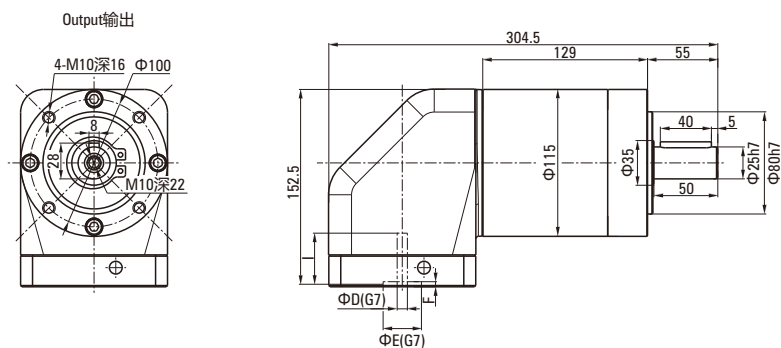
• T1~3的详细情况请参照P156
For details of T1~3, see 156 page

ZDWE/ZDWF 50W 尺寸图与性能表

ZDWE/ZDWF 50W DIMENSIONAL DRAWING & PERFORMANCE TABLE

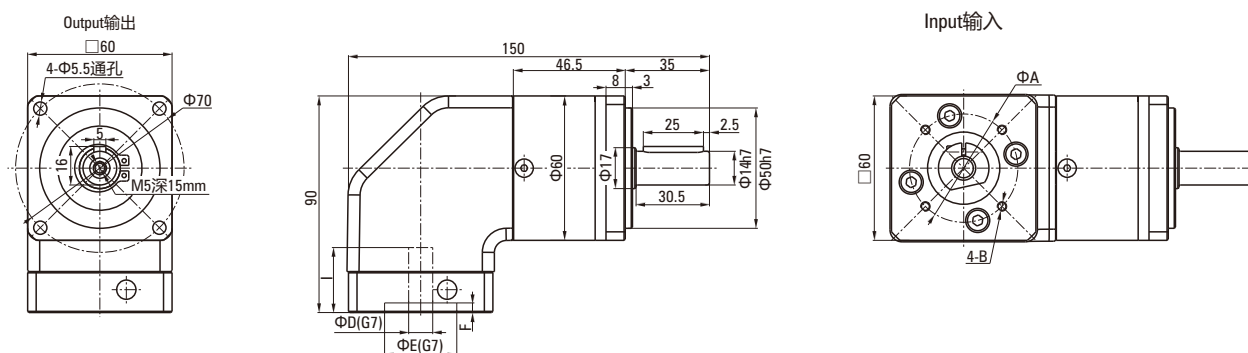
■ ZDWE尺寸图 Dimensional Drawing

● 120ZDWE512-50

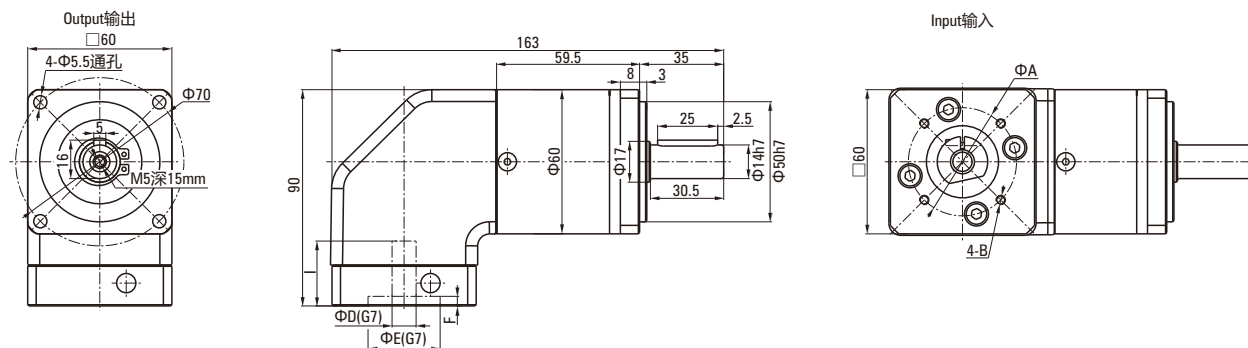


■ ZDWF尺寸图 Dimensional Drawing

● 60ZDWF3-4-5-8-10-50



● 60ZDWF9-12-15-16-20-25-34-40-64-50



● 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)10	40	8	30	4	26
T2	46	M4深(depth)10	40	6	30	4	26
T3	46	M4深(depth)10	40	8	30	4	26

• T1~3的详细情况请参照P.156

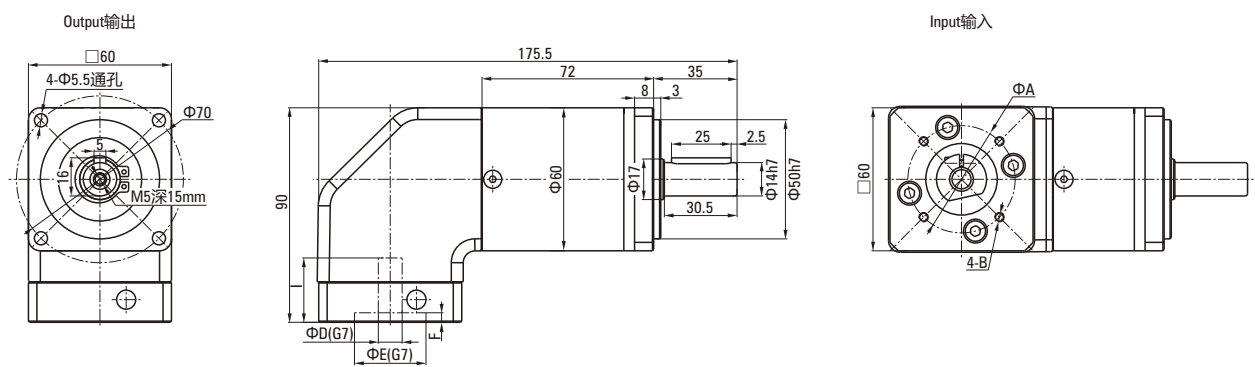
For details of T1~3, see 156 page

ZDWE/ZDWF 50W 尺寸图与性能表

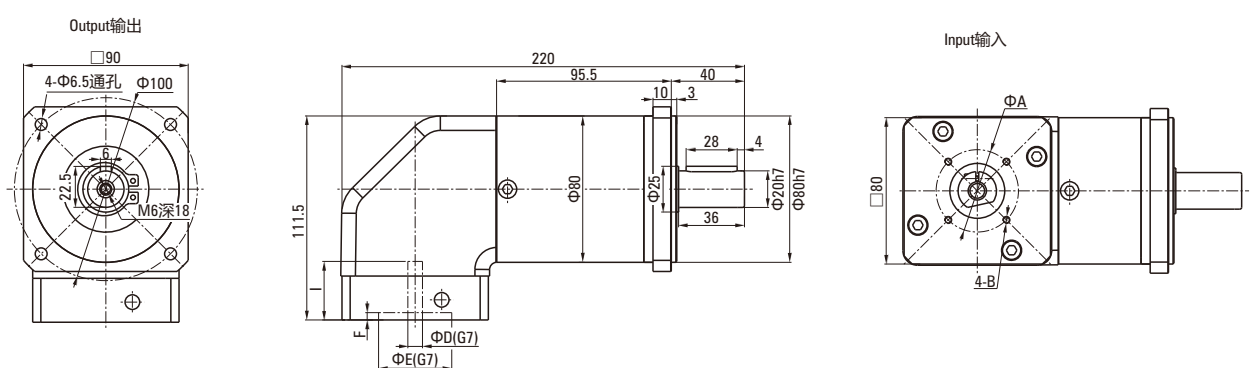
ZDWE/ZDWF 50W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWF尺寸图 Dimensional Drawing

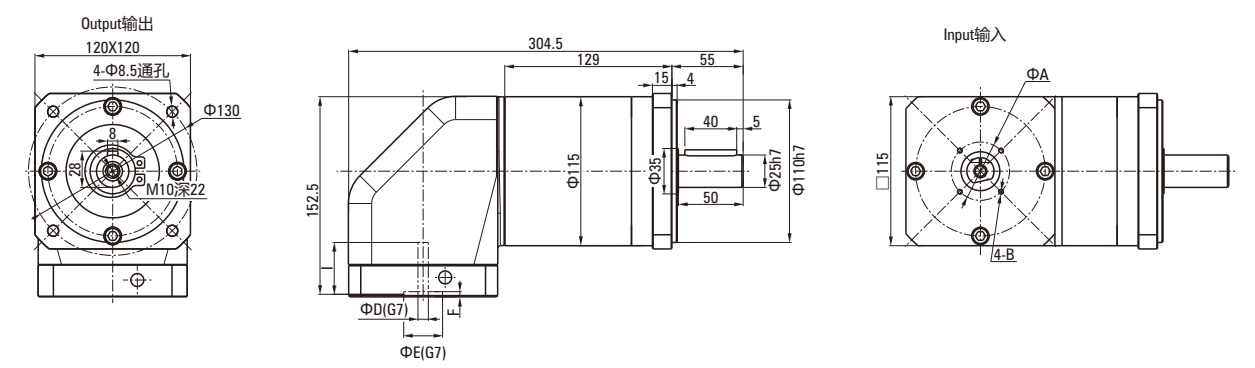
● 60ZDWF60-80-100-120-160-50



● 80ZDWF200-256-320-50



● 120ZDWF512-50



● 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)10	40	8	30	4	26
T2	46	M4深(depth)10	40	6	30	4	26
T3	46	M4深(depth)10	40	8	30	4	26

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

ZDWE/ZDWF 100W 尺寸图与性能表

ZDWE/ZDWF 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	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 ($\times 10^{-4} \text{ kg.m}^2$)	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	60	ZDW□	3	-100	1000	0.93	2.79	450	225	0.246	12	24
	1/4	60	ZDW□	4	-100	750	1.23	3.69	450	225	0.204	16	32
	1/5	60	ZDW□	5	-100	600	1.54	4.62	450	225	0.189	16	32
	1/8	60	ZDW□	8	-100	375	2.46	7.38	450	225	0.176	15	30
	1/10	60	ZDW□	10	-100	300	3.08	9.24	450	225	0.152	12	24
	1/9	60	ZDW□	9	-100	333.3	2.72	8.15	450	225	0.242	40	80
	1/12	60	ZDW□	12	-100	250	3.62	10.86	450	225	0.238	40	80
	1/15	60	ZDW□	15	-100	200	4.52	13.57	450	225	0.188	40	80
	1/16	60	ZDW□	16	-100	187.5	4.82	14.47	450	225	0.199	44	88
	1/20	60	ZDW□	20	-100	150	6.03	18.08	450	225	0.186	44	88
	1/25	60	ZDW□	25	-100	120	7.53	22.59	450	225	0.186	40	80
	1/32	60	ZDW□	32	-100	93.75	9.64	28.91	450	225	0.175	44	88
	1/40	60	ZDW□	40	-100	75	12.04	36.00	450	225	0.175	40	80
	1/64	80	ZDW□	64	-100	46.875	19.26	57.78	900	450	0.809	50	100
	1/60	60	ZDW□	60	-100	50	17.29	51.87	450	225	0.187	40	80
	1/80	60	ZDW□	80	-100	37.5	23.05	69.15	450	225	0.186	44	88
	1/100	80	ZDW□	100	-100	30	28.81	86.43	450	225	0.859	44	88
	1/120	80	ZDW□	120	-100	25	34.57	103.71	900	450	0.809	110	220
	1/160	80	ZDW□	160	-100	18.75	46.09	138.27	900	450	0.809	120	240
	1/200	80	ZDW□	200	-100	15	57.61	172.83	900	450	0.809	110	220
	1/256	80	ZDW□	256	-100	11.72	73.74	221.21	900	450	0.809	120	240
	1/320	120	ZDW□	320	-100	9.375	92.17	276.51	2100	1050	2.84	230	460

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.

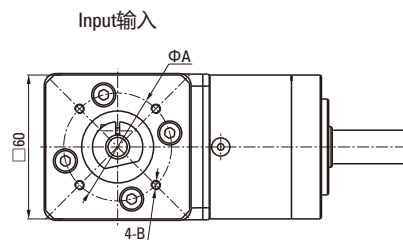
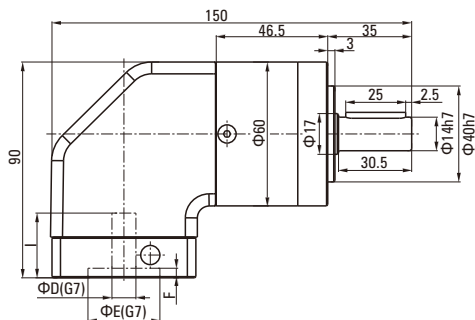
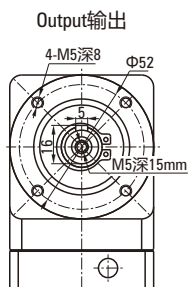
Note4) The permissible radial load is indicated on the center of the output shaft.

Note5) For motor assembly procedure, see 158 page.

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

ZDWE尺寸图 Dimensional Drawing

● 60ZDWE3-4-5-8-10-100



● 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)10	40	8	30	4	26
T2	46	M4深(depth)10	40	8	30	4	26
T3	46	M4深(depth)10	40	8	30	4	26

• T1~3的详细情况请参考P156

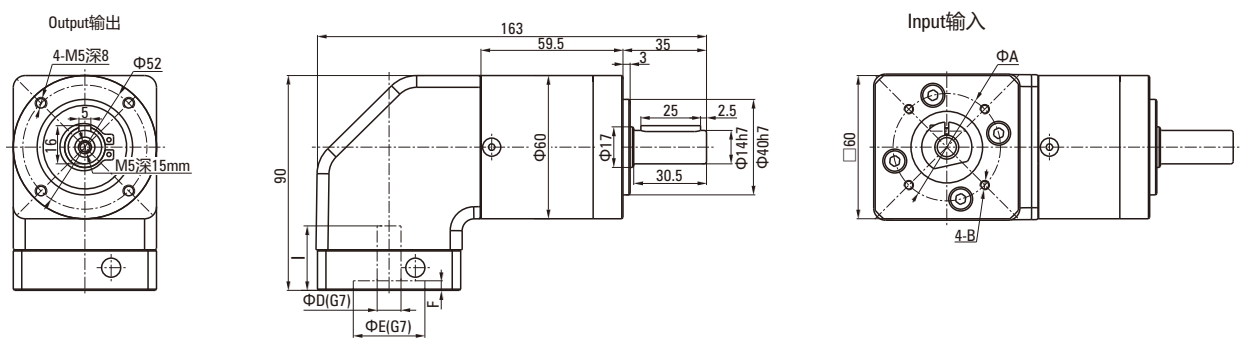
For details of T1~3, see 156 page

ZDWE/ZDWF 100W 尺寸图与性能表

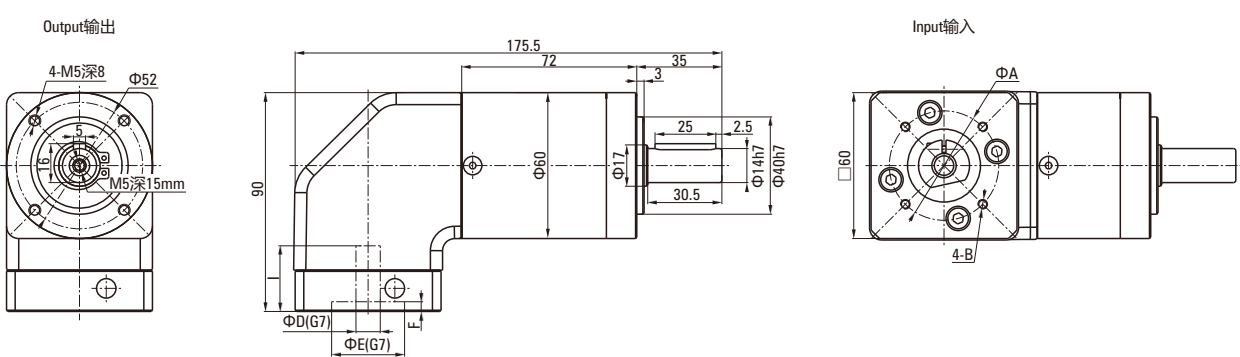
ZDWE/ZDWF 100W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWE尺寸图 Dimensional Drawing

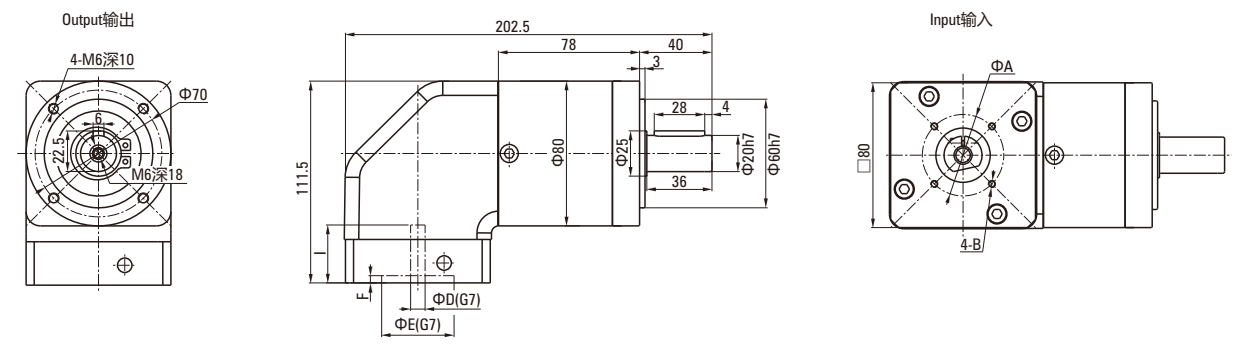
● 60ZDWE9-12-15-16-20-25-32-40-100



● 60ZDWE60-80-100



● 80ZDWE64-100



● 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)10	40	8	30	4	26
T2	46	M4深(depth)10	40	8	30	4	26
T3	46	M4深(depth)10	40	8	30	4	26

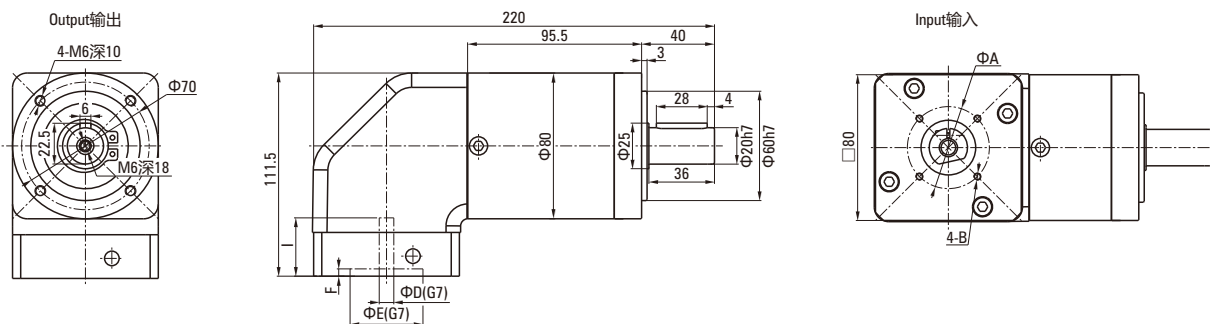
• T1~3的详细情况请参照P156
For details of T1~3, see 156 page

ZDWE/ZDWF 100W 尺寸图与性能表

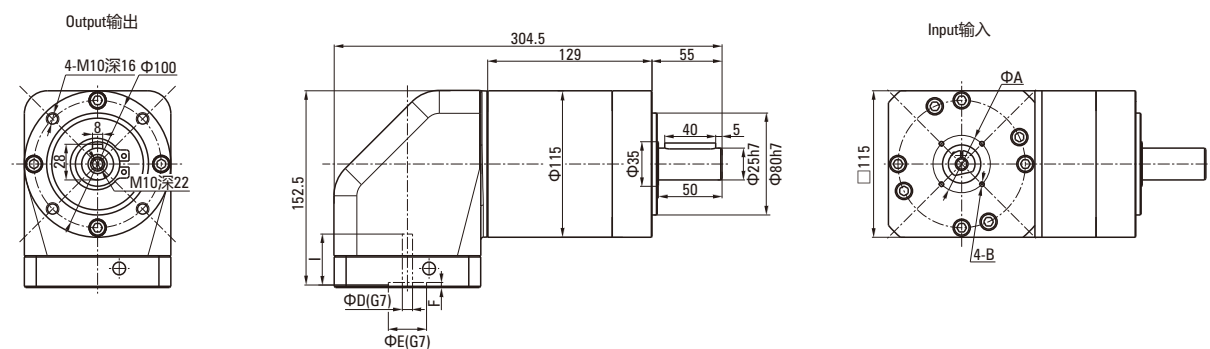
ZDWE/ZDWF 100W DIMENSIONAL DRAWING & PERFORMANCE TABLE

■ ZDWE尺寸图 Dimensional Drawing

● 80ZDWE100-120-160-200-256-100



● 120ZDWE320-100



● 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)10	40	8	30	4	26
T2	46	M4深(depth)10	40	8	30	4	26
T3	46	M4深(depth)10	40	8	30	4	26

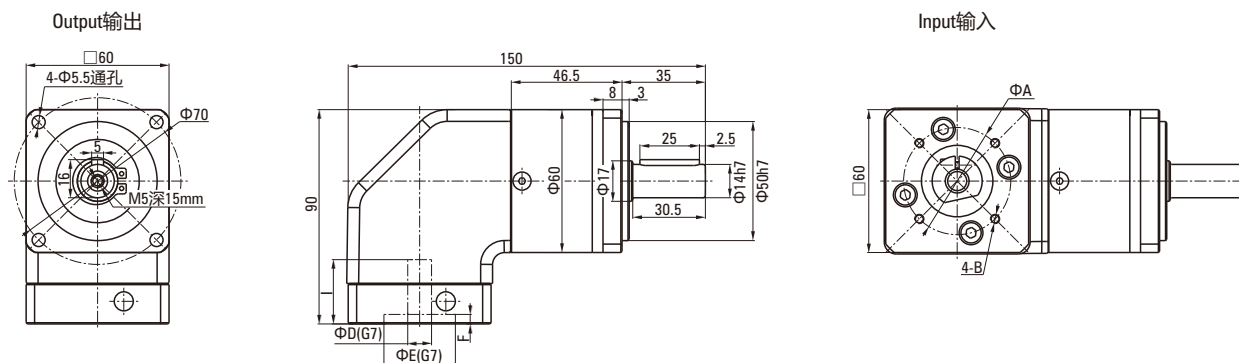
• T1~3的详细情况请参照P156
For details of T1~3, see 156 page

ZDWE/ZDWF 100W 尺寸图与性能表

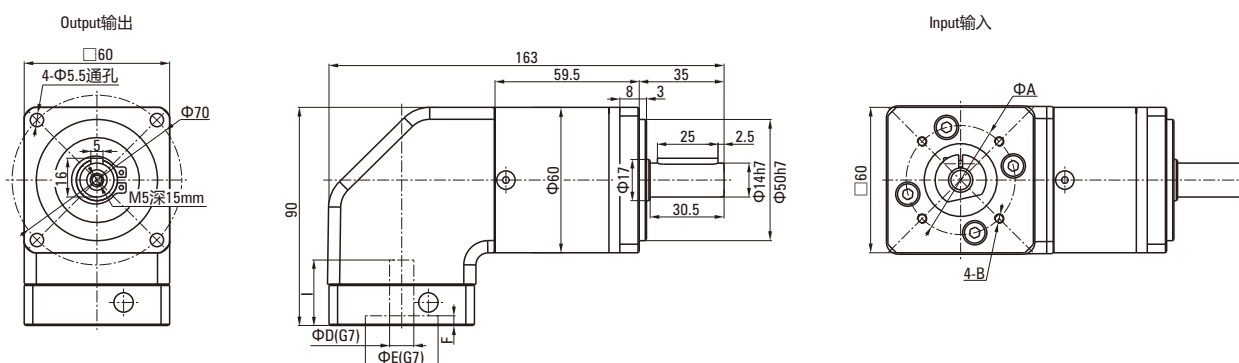
ZDWE/ZDWF 100W DIMENSIONAL DRAWING & PERFORMANCE TABLE

■ ZDWF 尺寸图 Dimensional Drawing

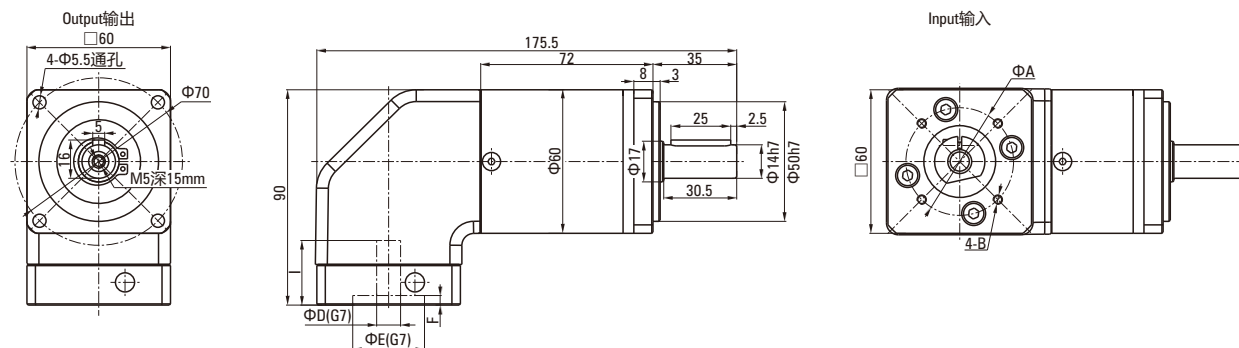
● 60ZDWF3-4-5-8-10-100



● 60ZDWF9-12-15-16-20-25-32-40-100



● 60ZDWF60-80-100



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

(单位Unit:mm)

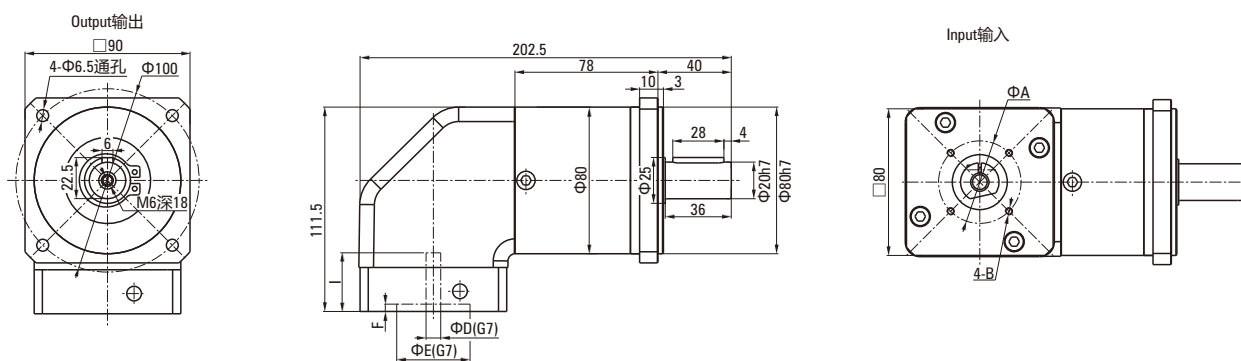
马达种类 Motor Type	A	B	C	D	E	F	I
T1	45	M3深(depth)10	40	8	30	4	26
T2	46	M4深(depth)10	40	8	30	4	26
T3	46	M4深(depth)10	40	8	30	4	26

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

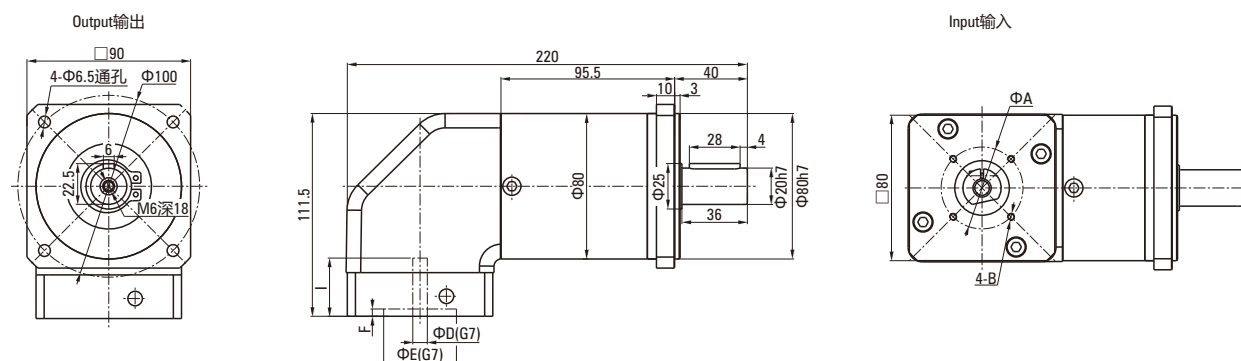
ZDWE/ZDWF 100W 尺寸图与性能表

■ ZDWF尺寸图 Dimensional Drawing

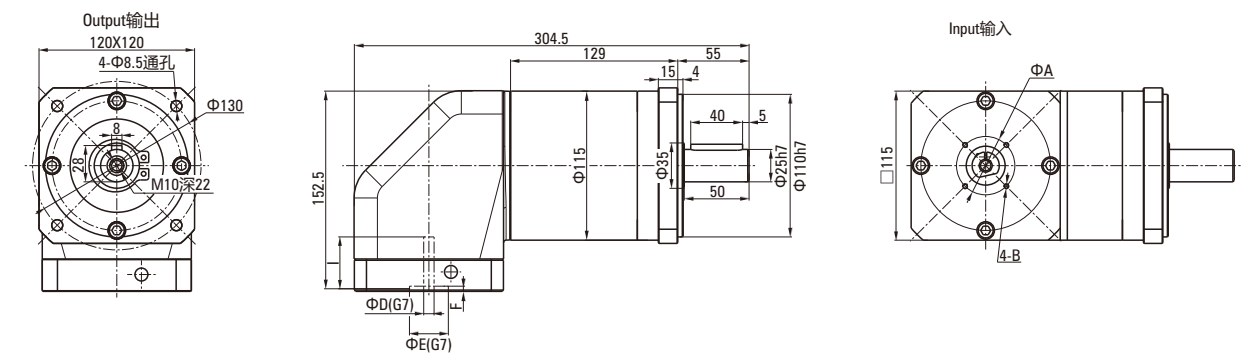
● 80ZDWF64-100



● 80ZDWF100-120-160-200-256-100



● 120ZDWF320-100



● 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)10	40	8	30	4	26
T2	46	M4深(depth)10	40	8	30	4	26
T3	46	M4深(depth)10	40	8	30	4	26

• T1~3的详细情况请参照P.156

For details of T1~3, see 156 page

ZDWE/ZDWF 200W 尺寸图与性能表
ZDWE/ZDWF 200W DIMENSIONAL DRAWING & PERFORMANCE TABLE

性能表 Performance Table (输入转速为3,000rpm时 When Input Speed Is 3000rpm)

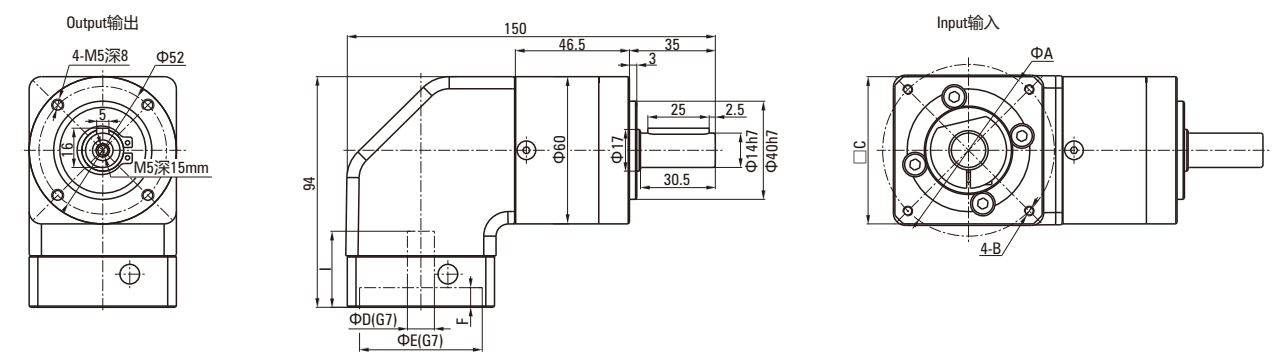
额定输入 马达功率 Rated Input Motor	减速比 Reduction Ratio	型 号 Model				输出轴 转速 Outout Shaft Speed	额定输出 扭矩 Standard Output Torque	瞬间最大 输出扭矩 Instantaneous Max.Output Torque	容许径向 负荷 Permissible Radial Load	容许轴向 负荷 Permissible Axial Load	输入轴换算 内部惯性力矩 Internal Moment Of Inertia Of Input Shaftconversion	容许输出 扭矩 Permissible Output Torque	瞬间最大容 许输出扭矩 Instantaneous max. Permissible Output Toque
		机座号 Type No.	系列号 Model	减速比 Reduction Ratio	马达功率 Motor								
200W	1/3	60	ZDW□	3	-200	1000	1.85	5.55	450	225	0.246	12	24
	1/4	60	ZDW□	4	-200	750	2.46	7.38	450	225	0.204	16	32
	1/5	60	ZDW□	5	-200	600	3.08	9.24	450	225	0.189	16	32
	1/8	60	ZDW□	8	-200	375	4.92	14.76	450	225	0.176	15	30
	1/10	60	ZDW□	10	-200	300	6.15	18.45	450	225	0.152	12	24
	1/9	60	ZDW□	9	-200	333.3	5.42	16.27	450	225	0.242	40	80
	1/12	60	ZDW□	12	-200	250	7.23	21.69	450	225	0.238	40	80
	1/15	60	ZDW□	15	-200	200	9.03	27.10	450	225	0.188	40	80
	1/16	60	ZDW□	16	-200	187.5	9.64	28.91	450	225	0.199	44	88
	1/20	60	ZDW□	20	-200	150	12.04	36.13	450	225	0.186	44	88
	1/25	60	ZDW□	25	-200	120	15.05	45.15	450	225	0.186	40	80
	1/32	60	ZDW□	32	-200	93.75	19.26	57.78	450	225	0.175	44	88
	1/40	60	ZDW□	40	-200	75	24.07	72.22	450	225	0.175	40	80
	1/64	120	ZDW□	64	-200	46.875	38.51	115.54	2100	1050	2.84	120	240
	1/60	80	ZDW□	60	-200	50	34.57	103.71	900	450	0.929	100	200
	1/80	80	ZDW□	80	-200	37.5	46.09	138.27	900	450	0.919	120	240
	1/100	80	ZDW□	100	-200	30	57.61	172.83	900	450	0.859	120	240
	1/120	80	ZDW□	120	-200	25	69.13	207.39	900	450	0.809	110	220
	1/160	120	ZDW□	160	-200	18.75	92.17	276.51	2100	1050	2.84	260	520
	1/200	120	ZDW□	200	-200	15	115.21	345.63	2100	1050	2.84	230	460
	1/256	120	ZDW□	256	-200	11.72	147.47	442.40	2100	1050	2.84	260	520

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照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.

ZDWE尺寸图 Dimensional Drawing

60ZDWE3-4-5-8-10-200



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	11	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

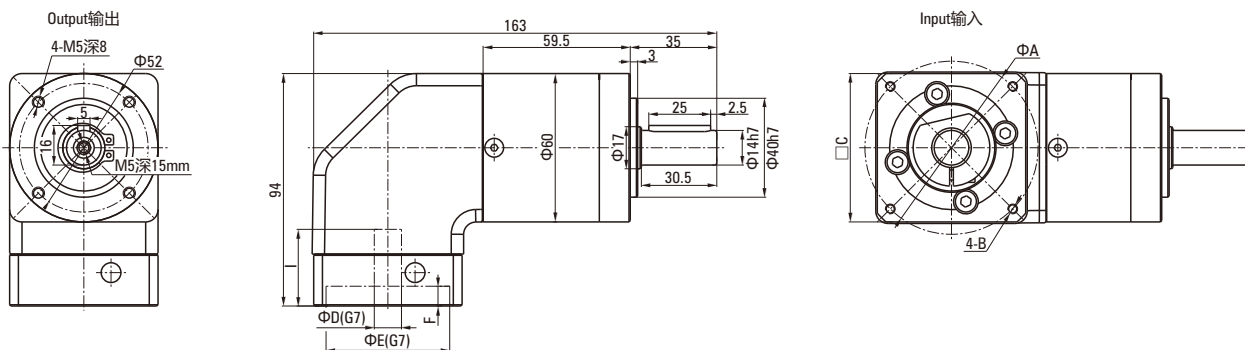
• T1~3的详细情况请参照P156
For details of T1~3, see 156 page

ZDWE/ZDWF 200W 尺寸图与性能表

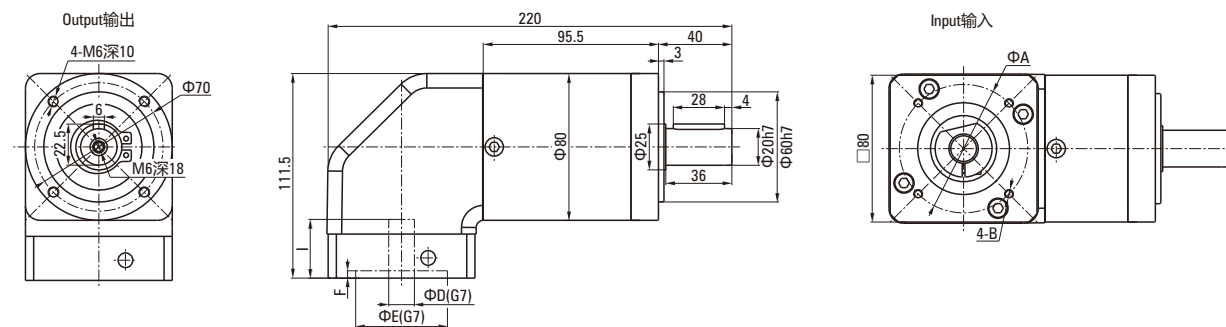
ZDWE/ZDWF 200W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWE尺寸图 Dimensional Drawing

● 60ZDWE9-12-15-16-20-25-32-40-200



● 80ZDWE60-80-100-120-200



● 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	11	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

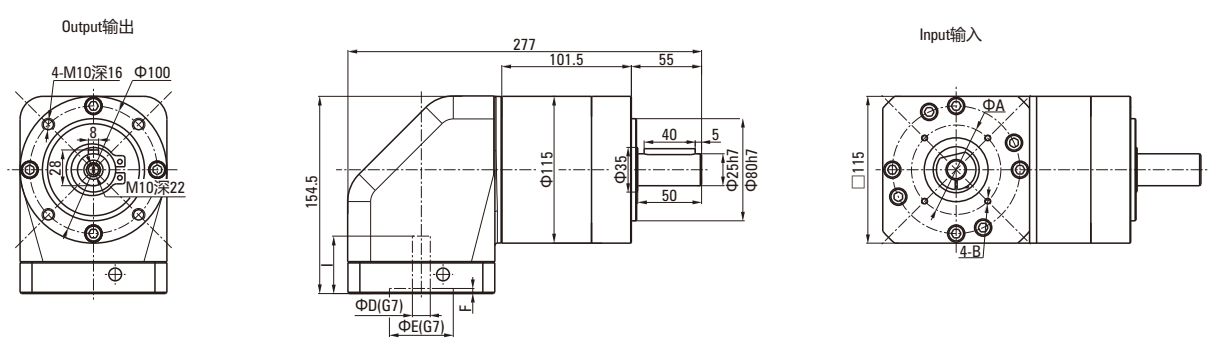
• T1~3的详细情况请参照P156
For details of T1~3, see 156 page

ZDWE/ZDWF 200W 尺寸图与性能表

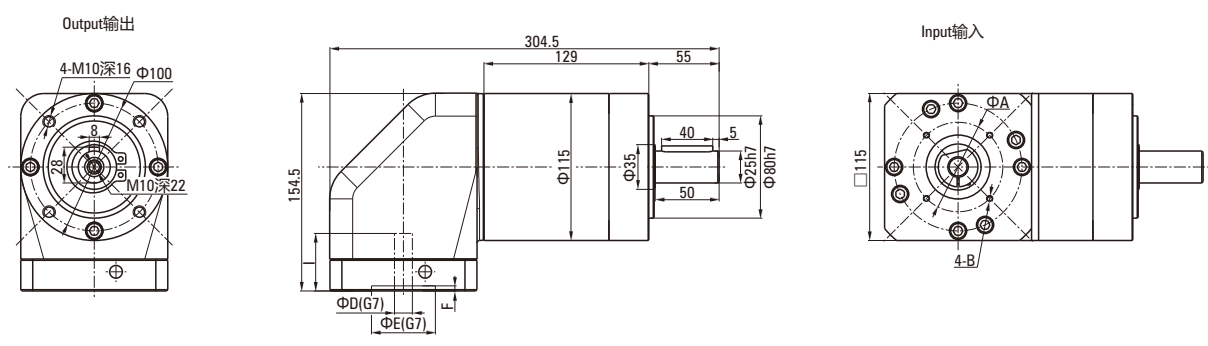
ZDWE/ZDWF 200W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWE尺寸图 Dimensional Drawing

● 120ZDWE64-200



● 120ZDWE160-200-256-200



● 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	11	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

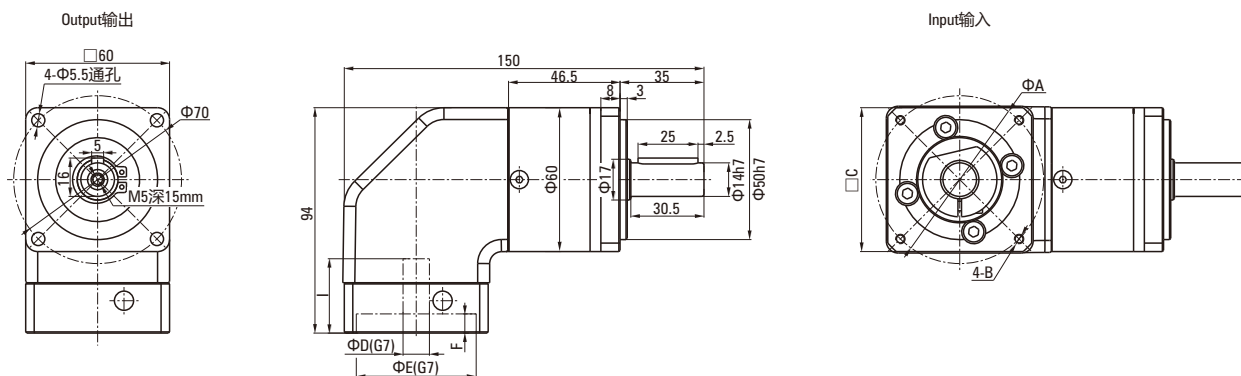
• T1~3的详细情况请参照P156
For details of T1~3, see 156 page

ZDWE/ZDWF 200W 尺寸图与性能表

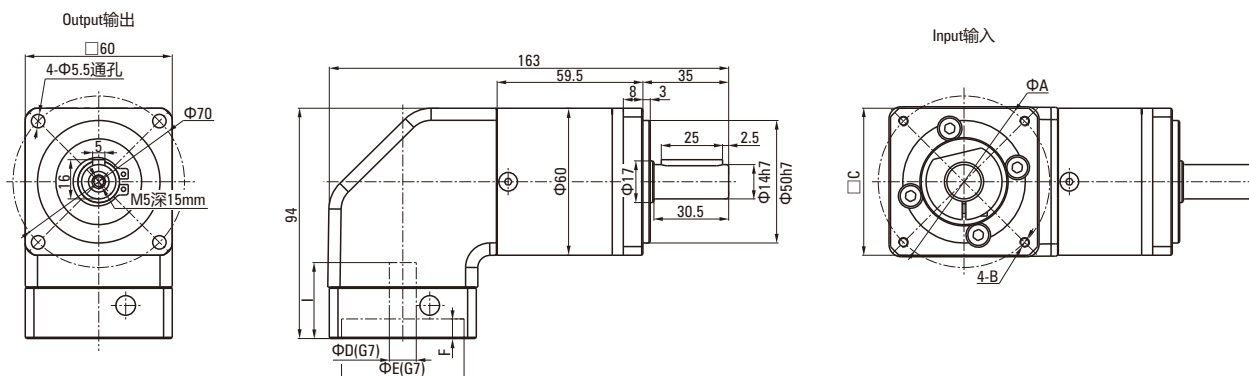
ZDWE/ZDWF 200W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWF尺寸图 Dimensional Drawing

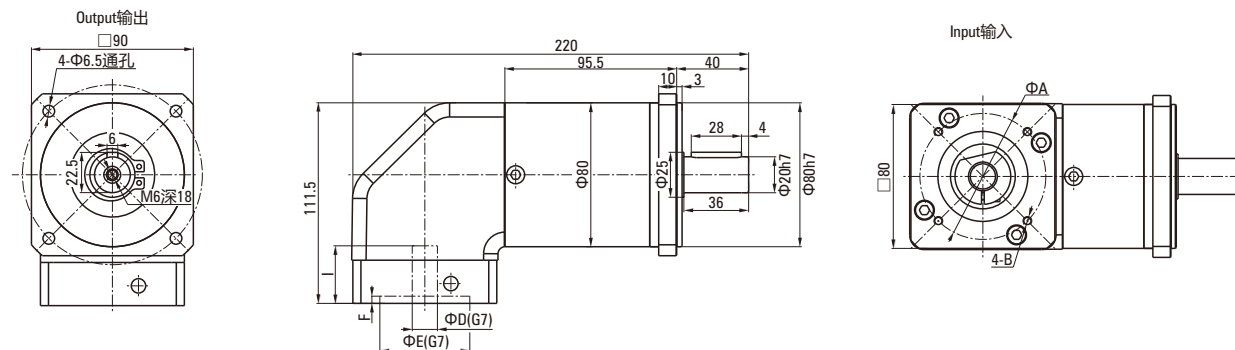
● 60ZDWF3-4-5-8-10-200



● 60ZDWF9-12-15-16-20-25-32-40-200



● 80ZDWF60-80-100-120-200



● 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	11	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的详细情况请参照P156

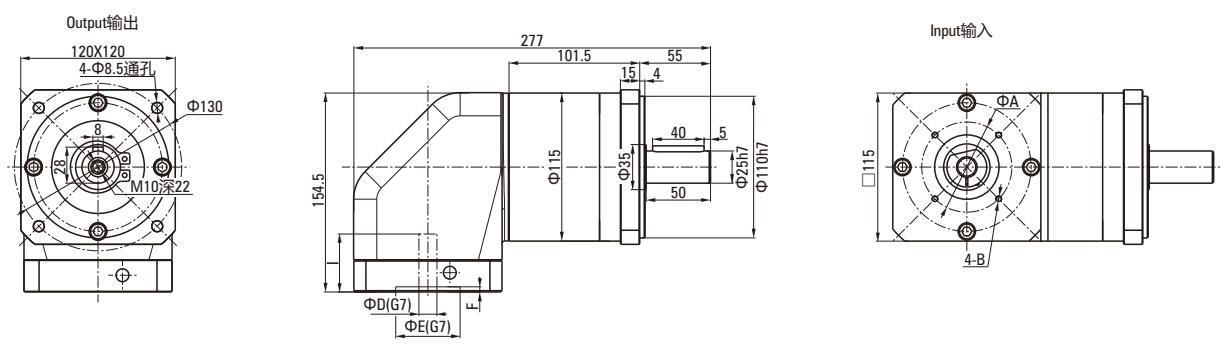
For details of T1~3, see 156 page

ZDWE/ZDWF 200W 尺寸图与性能表

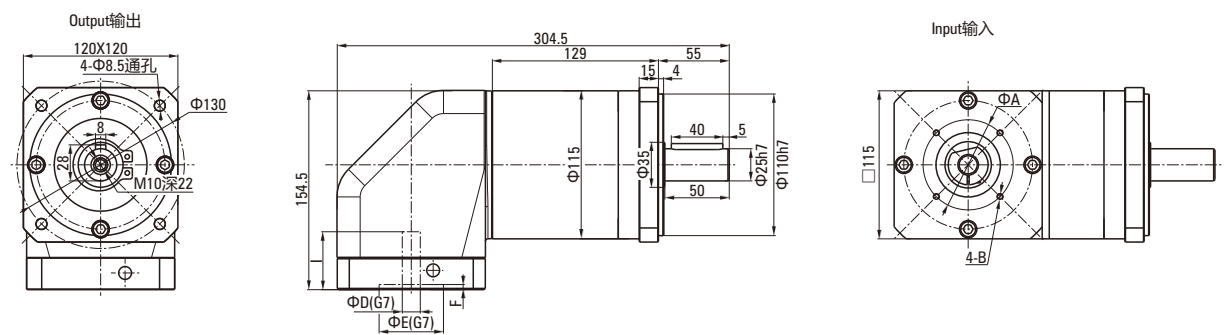
ZDWE/ZDWF 200W DIMENSIONAL DRAWING & PERFORMANCE TABLE

■ ZDWF 尺寸图 Dimensional Drawing

● 120ZDWF64-200



● 120ZDWF160-200-256-200



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

ZDWE/ZDWF 400W 尺寸图与性能表

ZDWE/ZDWF 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 ($\times 10^{-4}$ kg.m ²)	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	60	ZDW□	3	-400	1000	3.75	11.25	450	225	0.246	12	24
	1/4	60	ZDW□	4	-400	750	5.00	15.00	450	225	0.204	16	32
	1/5	60	ZDW□	5	-400	600	6.25	18.75	450	225	0.189	16	32
	1/8	60	ZDW□	8	-400	375	9.99	29.97	450	225	0.176	15	30
	1/10	80	ZDW□	10	-400	300	12.49	37.47	900	450	0.73	40	80
	1/9	60	ZDW□	9	-400	333.3	11.01	33.00	450	225	0.242	40	80
	1/12	60	ZDW□	12	-400	250	14.67	44.02	450	225	0.238	40	80
	1/15	60	ZDW□	15	-400	200	18.34	55.02	450	225	0.188	40	80
	1/16	60	ZDW□	16	-400	187.5	19.56	58.69	450	225	0.199	44	88
	1/20	60	ZDW□	20	-400	150	24.45	73.35	450	225	0.186	44	88
	1/25	60	ZDW□	25	-400	120	30.56	91.68	900	450	0.859	110	220
	1/32	60	ZDW□	32	-400	93.75	39.11	117.34	900	450	0.809	120	240
	1/40	60	ZDW□	40	-400	75	48.89	146.67	900	450	0.809	110	220
	1/64	120	ZDW□	64	-400	46.875	78.22	234.65	2100	1050	2.84	120	240
	1/60	80	ZDW□	60	-400	50	70.21	210.63	2100	1050	5.62	210	420
	1/80	80	ZDW□	80	-400	37.5	93.61	280.83	2100	1050	3.28	260	520
	1/100	80	ZDW□	100	-400	30	117.01	351.03	2100	1050	3.26	260	520
	1/120	80	ZDW□	120	-200	25	140.41	421.23	2100	1050	2.84	230	460

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.

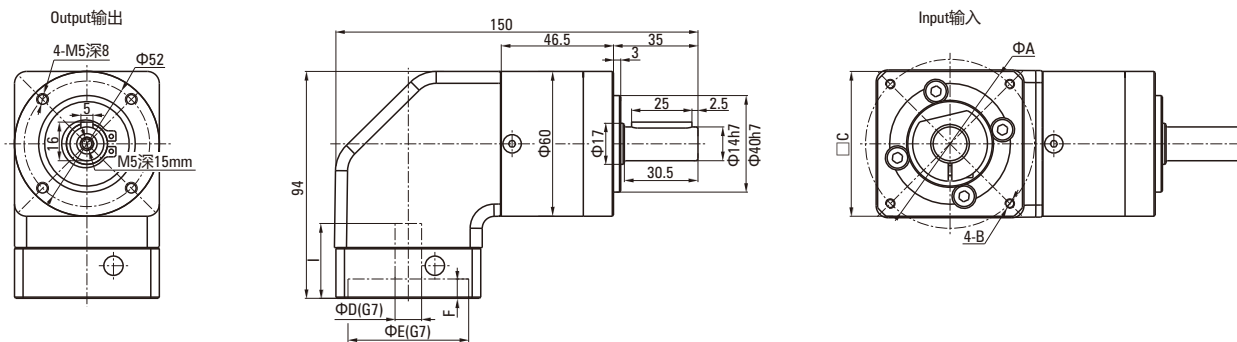
Note4) The permissible radial load is indicated on the center of the output shaft.

Note5) For motor assembly procedure, see 158 page.

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

ZDWE尺寸图 Dimensional Drawing

● 60ZDWE3-4-5-8-400



● 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

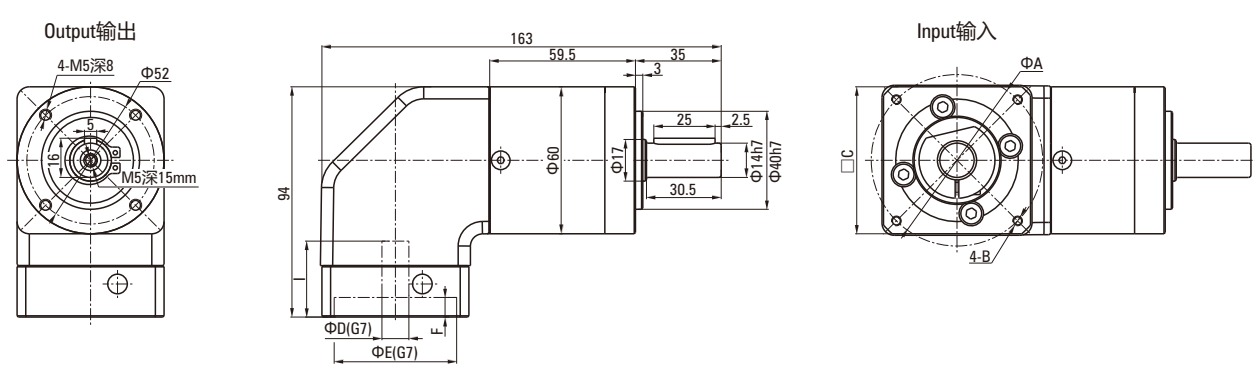
For details of T1~3, see 156 page

ZDWE/ZDWF 400W 尺寸图与性能表

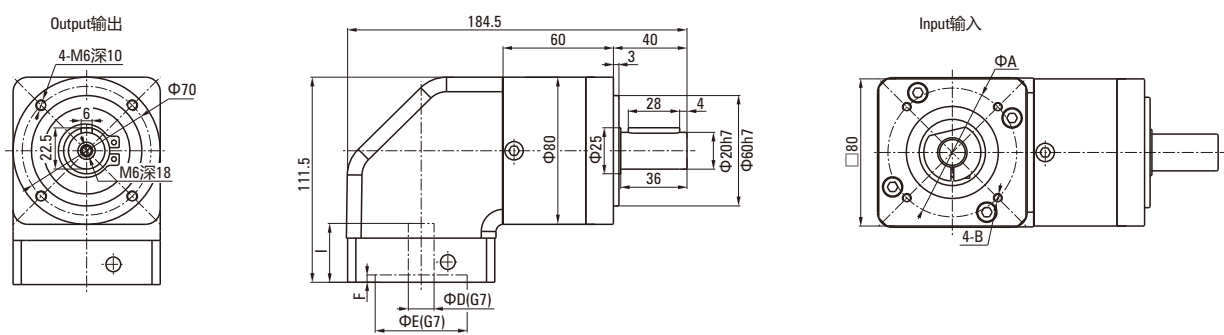
ZDWE/ZDWF 400W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWE尺寸图 Dimensional Drawing

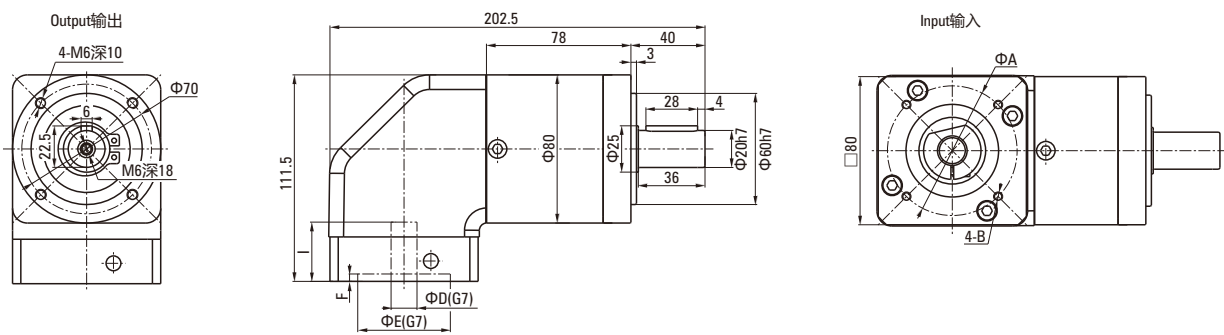
● 60ZDWE9-12-15-16-20-400



● 80ZDWE10-400



● 80ZDWE25-32-40-400



● 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

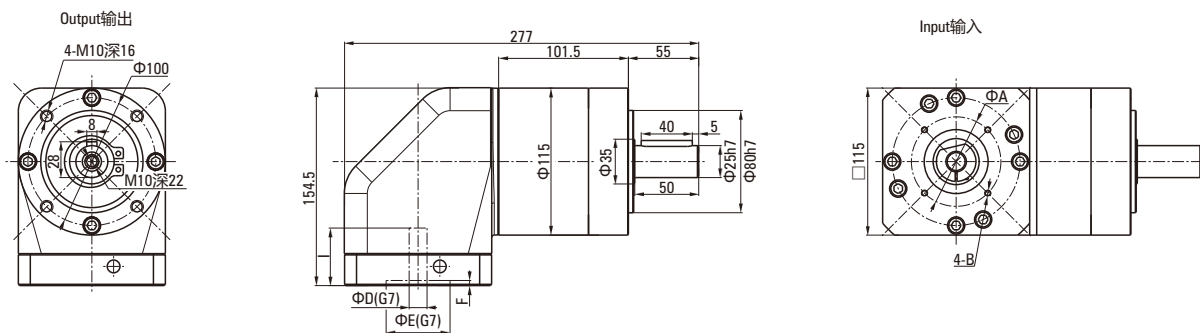
• T1~3的详细情况请参照P156
For details of T1~3, see 156 page

ZDWE/ZDWF 400W 尺寸图与性能表

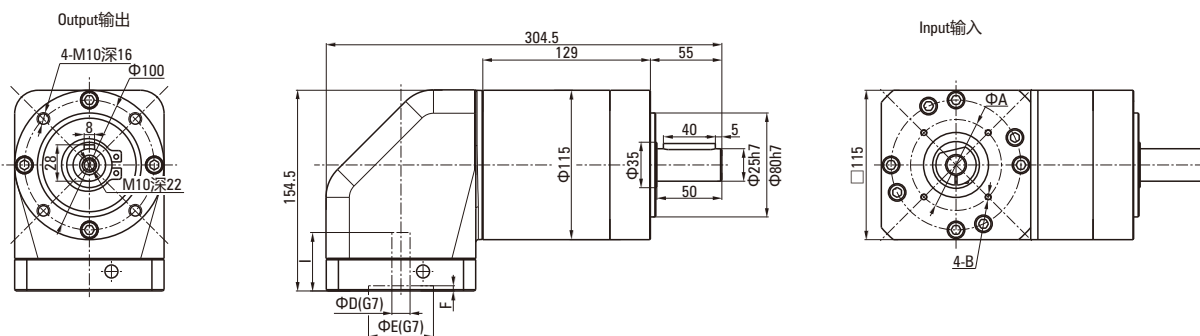
ZDWE/ZDWF 400W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWE尺寸图 Dimensional Drawing

120ZDWE64-400



120ZDWE60-80-100-120-400



● 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

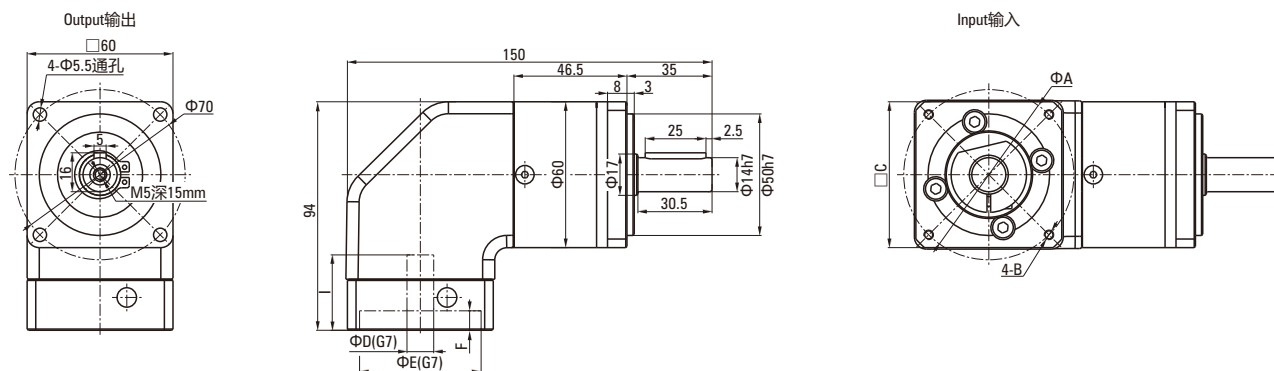
• T1~3的详细情况请参照P156
For details of T1~3, see 156 page

ZDWE/ZDWF 400W 尺寸图与性能表

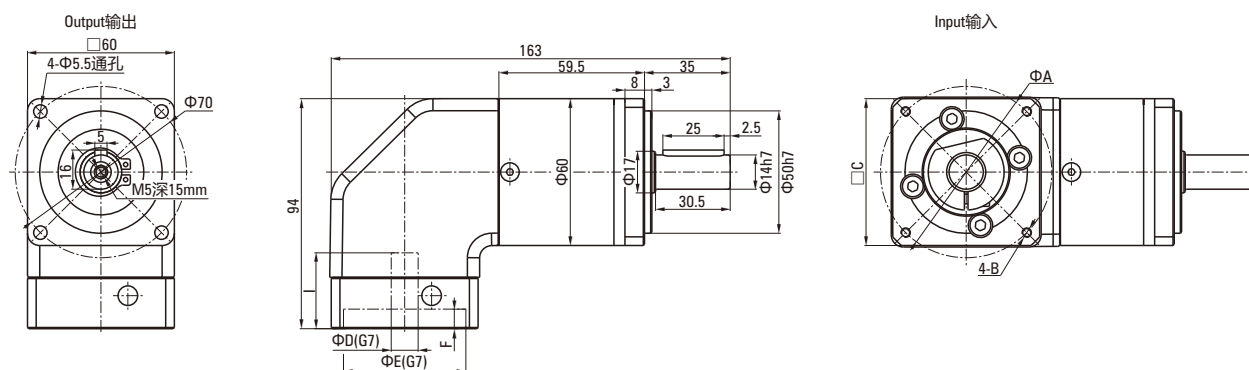
ZDWE/ZDWF 400W DIMENSIONAL DRAWING & PERFORMANCE TABLE

■ ZDWF 尺寸图 Dimensional Drawing

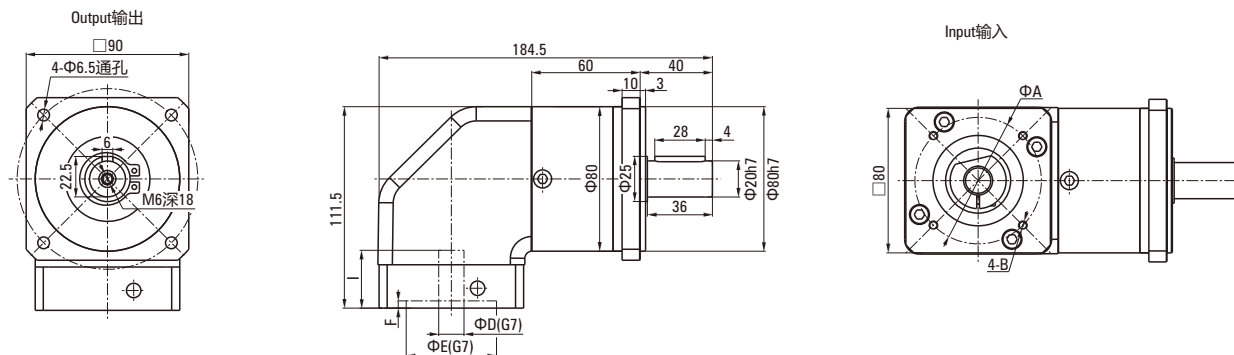
● 60ZDWF3-4-5-8-400



● 60ZDWF9-12-15-16-20-400



● 80ZDWF10-400



● 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

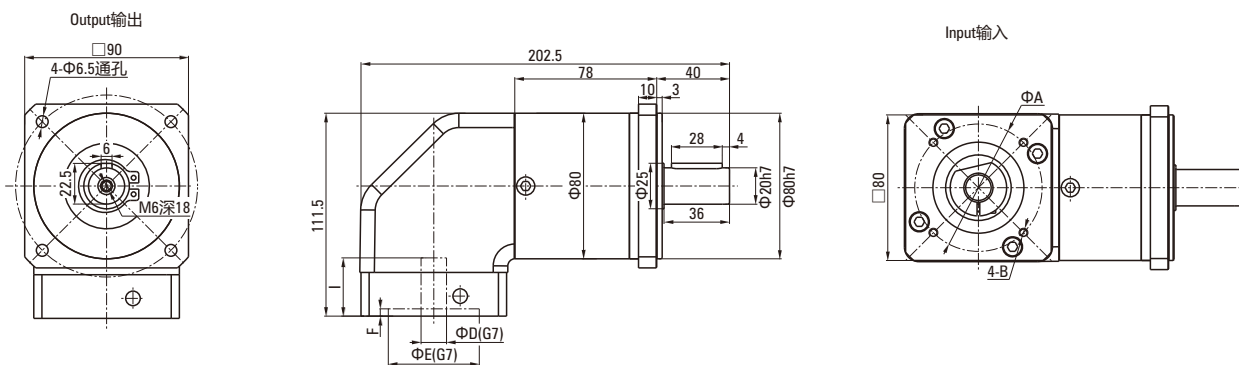
• T1~3的详细情况请参照P156
For details of T1~3, see 156 page

ZDWE/ZDWF 400W 尺寸图与性能表

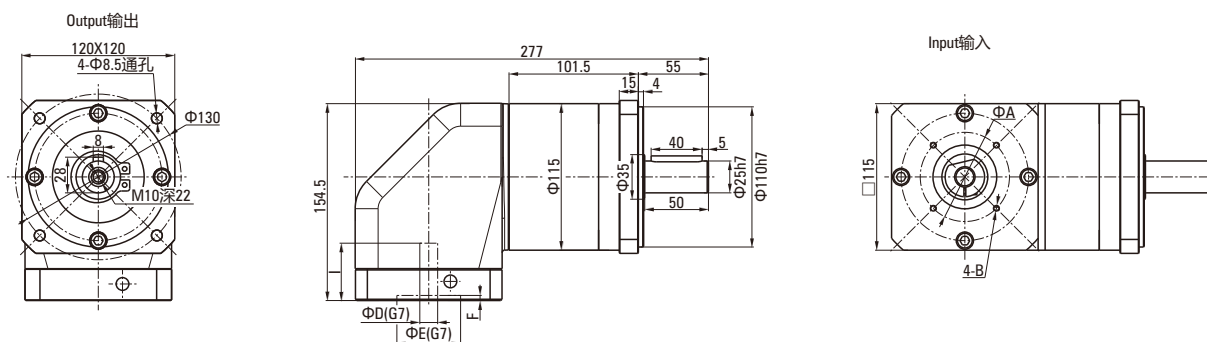
ZDWE/ZDWF 400W DIMENSIONAL DRAWING & PERFORMANCE TABLE

■ ZDWF尺寸图 Dimensional Drawing

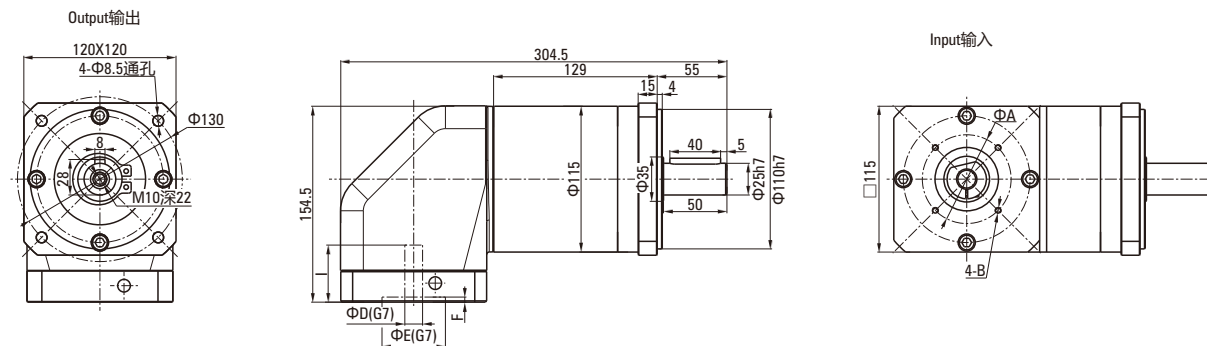
● 80ZDWF25-32-40-400



● 120ZDWF64-400



● 120ZDWF60-80-100-120-400



● 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的详细情况请参照P156

For details of T1~3, see 156 page

ZDWE/ZDWF 750W 尺寸图与性能表

ZDWE/ZDWF 750W 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	额定输出 扭矩 Standard Output Torque	瞬间最大 输出扭矩 Instantaneous Max.Output Torque	容许径向 负荷 Permissible Radial Load	容许轴向 负荷 Permissible Axial Load	输入轴换算 内部惯性力矩 Internal Moment Of Inertia Of Input Shaftconversion	容许输出 扭矩 Permissible Output Torque	瞬间最大容 许输出扭矩 Instantaneous max. Permissible Output Toque
		机座号 Type No.	系列号 Model	减速比 Reduction Ratio	马达功率 Motor								
750W	1/3	80	ZDW□	3	-750	1000	6.92	20.76	900	450	1.189	40	80
	1/4	80	ZDW□	4	-750	750	9.22	27.66	900	450	0.939	50	100
	1/5	80	ZDW□	5	-750	600	11.53	34.59	900	450	0.869	50	100
	1/8	80	ZDW□	8	-750	375	18.44	55.32	900	450	0.809	45	90
	1/10	80	ZDW□	10	-750	300	23.05	69.15	900	450	0.73	40	80
	1/9	80	ZDW□	9	-750	333.3	20.31	60.94	900	450	1.159	100	200
	1/12	80	ZDW□	12	-750	250	27.08	81.25	900	450	1.139	100	200
	1/15	80	ZDW□	15	-750	200	33.85	101.55	900	450	1.129	100	200
	1/16	80	ZDW□	16	-750	187.5	36.11	108.32	900	450	0.919	120	240
	1/20	80	ZDW□	20	-750	150	45.13	135.39	900	450	0.859	120	240
	1/25	80	ZDW□	25	-750	120	56.41	169.23	900	450	0.859	110	220
	1/32	80	ZDW□	32	-750	93.75	72.20	216.61	900	450	0.809	120	240
	1/40	120	ZDW□	40	-750	75	90.25	270.75	2100	1050	2.84	230	460
	1/64	120	ZDW□	64	-750	50	129.61	388.83	2100	1050	5.62	210	420

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照P.158。

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.

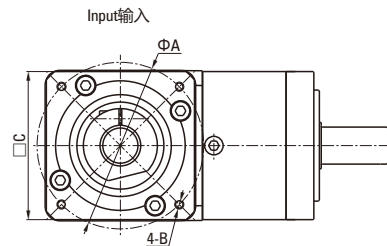
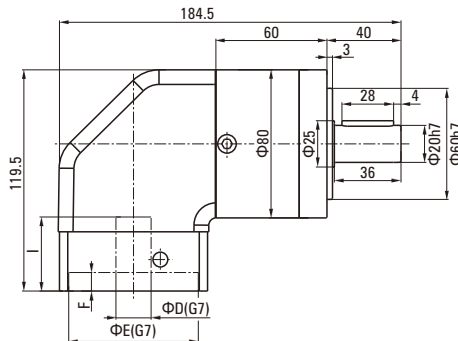
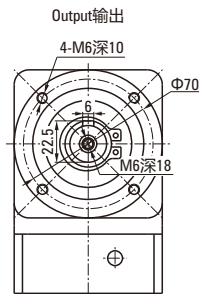
Note4) The permissible radial load is indicated on the center of the output shaft.

Note5) For motor assembly procedure, see 158 page.

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

ZDWE尺寸图 Dimensional Drawing

● 80ZDWE3-4-5-8-10-750



● 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	90	M5深(depth)12	80	19	70	5	40
T2	90	M6深(depth)15	80	19	70	5	40
T3	90	M6深(depth)15	80	19	70	5	40

• T1~3的详细情况请参照P.156

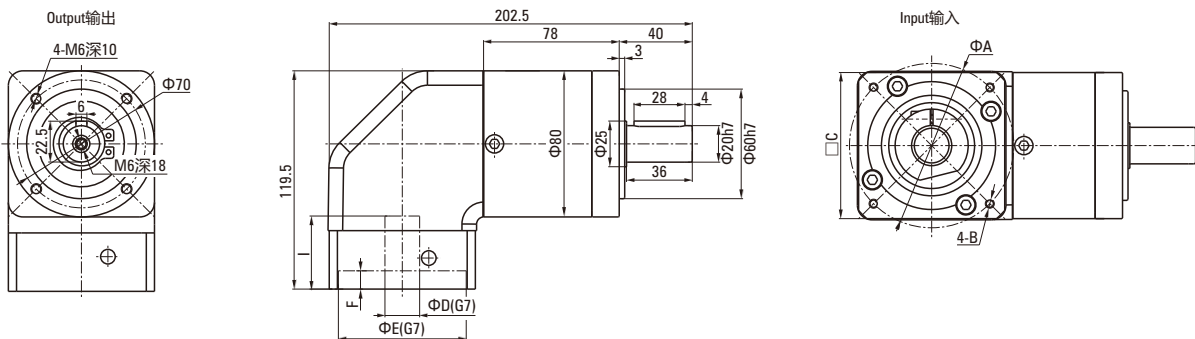
For details of T1~3, see 156 page

ZDWE/ZDWF 750W 尺寸图与性能表

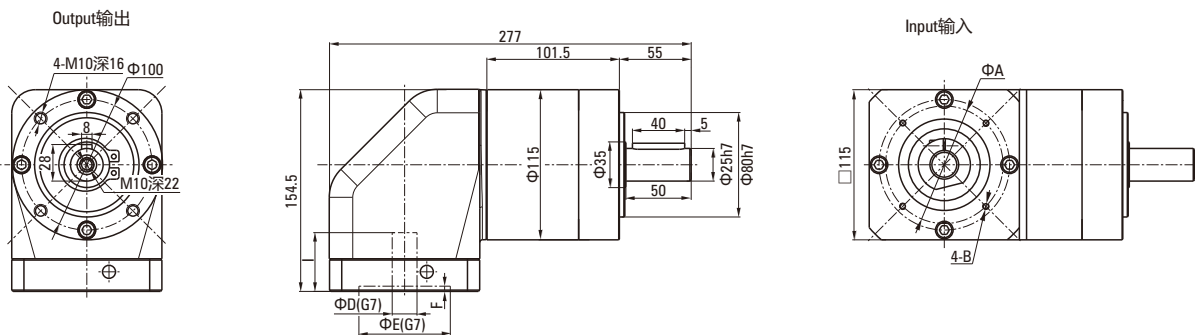
ZDWE/ZDWF 750W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWE尺寸图 Dimensional Drawing

● 80ZDWE9-12-15-16-20-25-32-750



● 120ZDWE40-64-750



● 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	90	M5深(depth)12	80	19	70	5	40
T2	90	M6深(depth)15	80	19	70	5	40
T3	90	M6深(depth)15	80	19	70	5	40

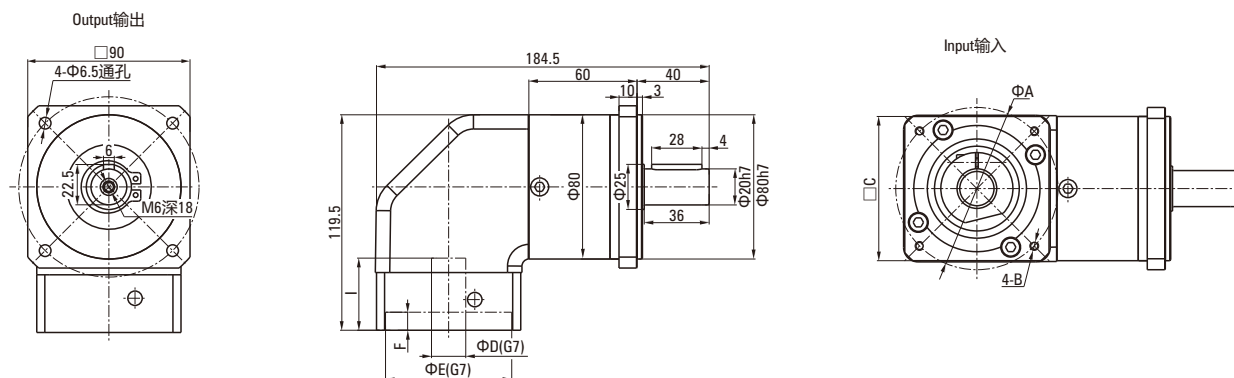
• T1~3的详细情况请参照P:156
For details of T1~3, see 156 page

ZDWE/ZDWF 750W 尺寸图与性能表

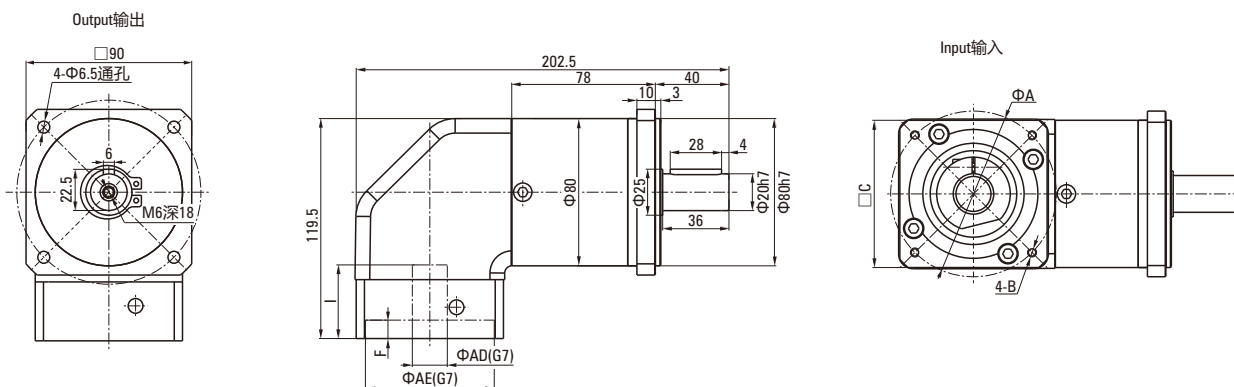
ZDWE/ZDWF 750W DIMENSIONAL DRAWING & PERFORMANCE TABLE

■ ZDWF尺寸图 Dimensional Drawing

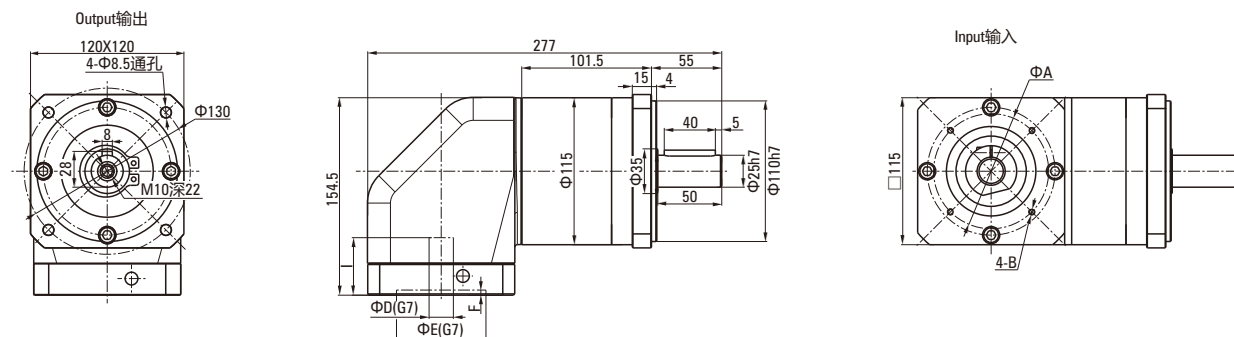
● 80ZDWF3-4-5-8-10-750



● 80ZDWF9-12-15-16-20-25-32-750



● 120ZDWF40-64-750



● 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	90	M5深(depth)12	80	19	70	5	40
T2	90	M6深(depth)15	80	19	70	5	40
T3	90	M6深(depth)15	80	19	70	5	40

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

ZDWE/ZDWF 1000W 尺寸图与性能表

ZDWE/ZDWF 1000W 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 ⁻⁴ kg.m ²)	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								
1000W	1/3	80	ZDW□	3	-1000	1000	9.16	27.48	900	450	1.189	40	80
	1/4	80	ZDW□	4	-1000	750	12.22	36.66	900	450	0.939	50	100
	1/5	80	ZDW□	5	-1000	600	15.27	45.81	900	450	0.869	50	100
	1/8	80	ZDW□	8	-1000	375	24.43	73.29	900	450	0.809	45	90
	1/10	120	ZDW□	10	-1000	300	30.53	91.59	2100	1050	2.54	80	160
	1/9	80	ZDW□	9	-1000	333.3	26.91	80.74	900	450	1.159	100	200
	1/12	80	ZDW□	12	-1000	250	35.88	107.64	900	450	1.139	100	200
	1/15	80	ZDW□	15	-1000	200	44.85	134.54	900	450	1.129	100	200
	1/16	80	ZDW□	16	-1000	187.5	47.84	143.51	900	450	0.919	120	240
	1/20	80	ZDW□	20	-1000	150	59.79	179.38	900	450	0.859	120	240
	1/25	120	ZDW□	25	-1000	120	74.74	224.22	2100	1050	3.26	230	460
	1/32	120	ZDW□	32	-1000	93.75	95.66	286.99	2100	1050	2.84	260	520
	1/40	120	ZDW□	40	-1000	75	119.58	358.73	2100	1050	2.84	230	460

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照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.

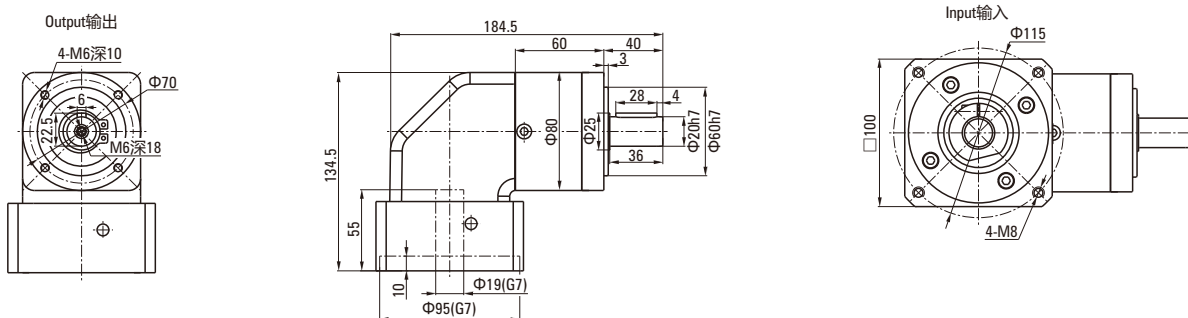
Note4) The permissible radial load is indicated on the center of the output shaft.

Note5) For motor assembly procedure, see 158 page.

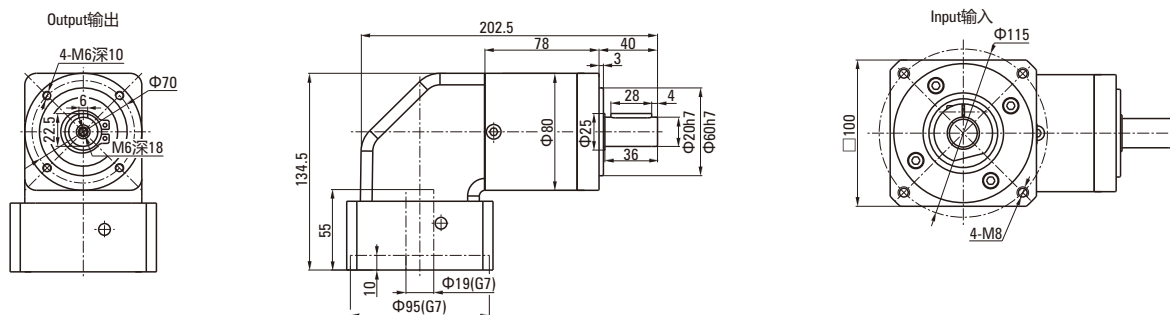
Note6) Rotation of the output shaft is in the same direction as motor.

ZDWE尺寸图 Dimensional Drawing

● 80ZDWE3-4-5-8-1000T1



● 80ZDWE9-12-15-16-20-1000T1



● 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	100	M6深(depth)15	86	19	80	5	55
T2	115	M6深(depth)15	100	24	95	5	45
T3	115	M6深(depth)15	100	24	95	5	45

• T1~3的详细情况请参照P156

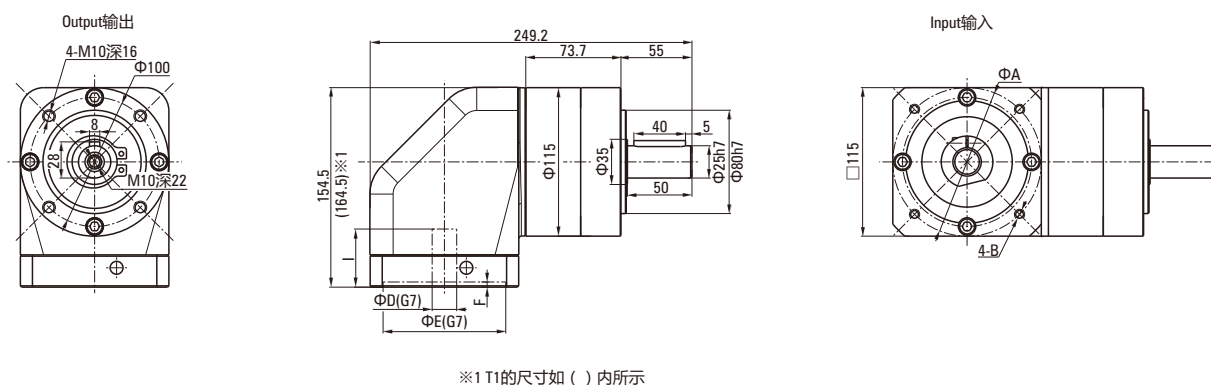
For details of T1~3, see 156 page

ZDWE/ZDWF 1000W 尺寸图与性能表

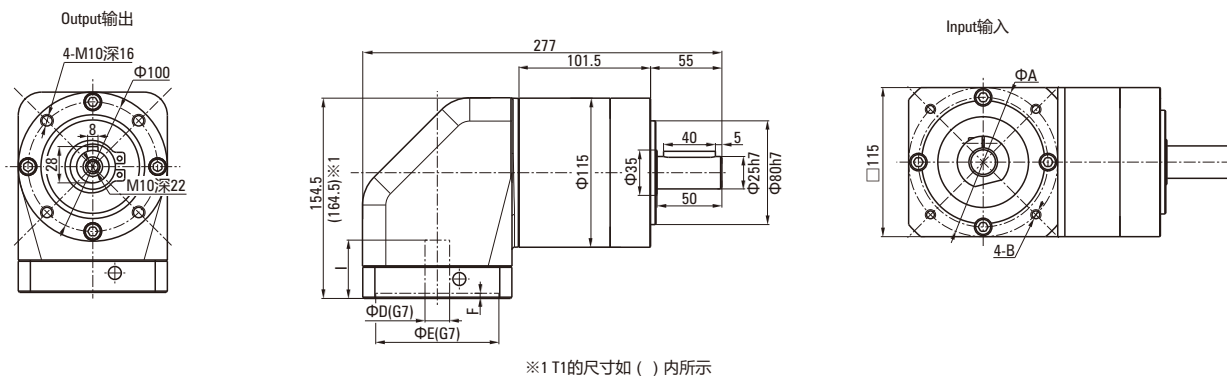
ZDWE/ZDWF 1000W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWE尺寸图 Dimensional Drawing

- 120ZDWE10-1000 120ZDWE3-4-5-8-1000T2(T3)

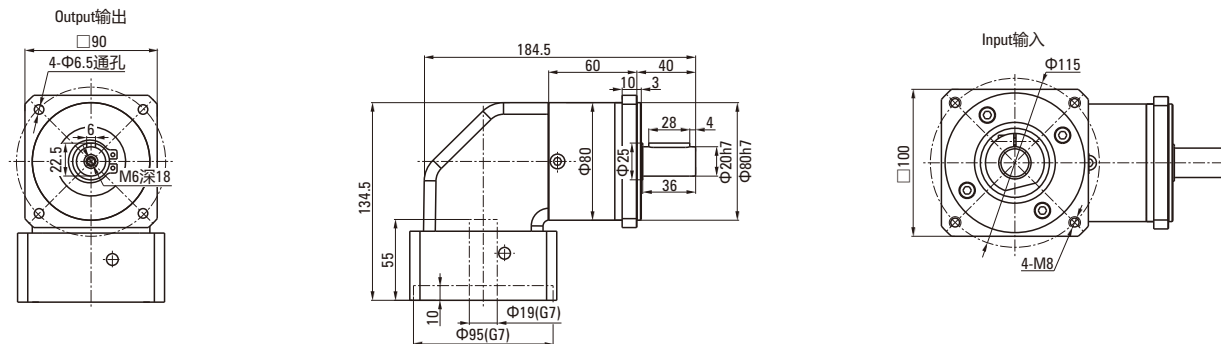


- 120ZDWE25-32-40-1000 120ZDWE9-12-15-16-20-1000T2(T3)



ZDWF尺寸图 Dimensional Drawing

- 80ZDWF3-4-5-8-1000T1



● 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	100	M6深(depth)15	86	19	80	5	55
T2	115	M6深(depth)15	100	24	95	5	45
T3	115	M6深(depth)15	100	24	95	5	45

• T1~3的详细情况请参照P156

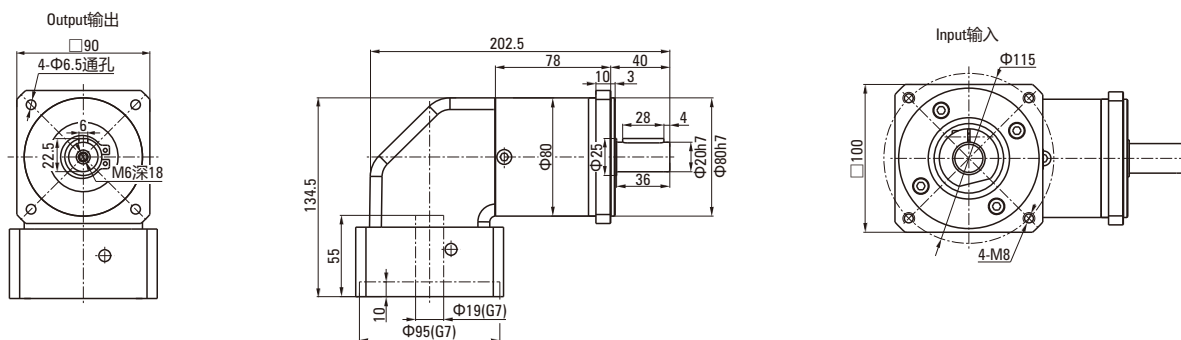
For details of T1~3, see 156 page

ZDWE/ZDWF 1000W 尺寸图与性能表

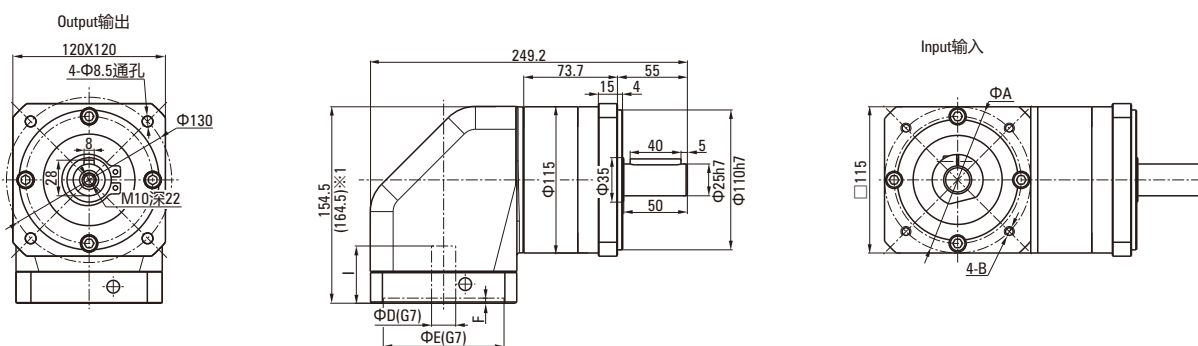
ZDWE/ZDWF 1000W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWF 尺寸图 Dimensional Drawing

● 80ZDWF9-12-15-16-20-1000T1

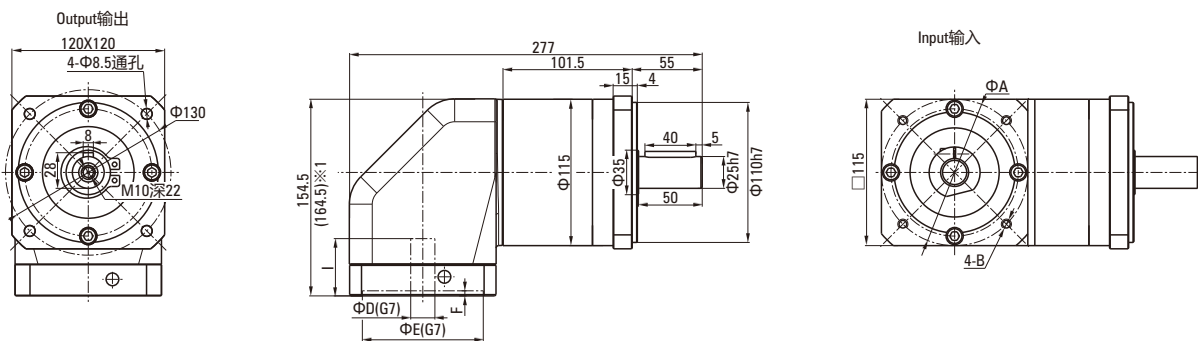


● 120ZDWF10-1000 120ZDWF3-4-5-8-1000T2(T3)



※1 T1的尺寸如 () 内所示

● 120ZDWF25-32-40-1000 120ZDWF9-12-15-16-20-1000T2(T3)



※1 T1的尺寸如 () 内所示

● 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	100	M6深(depth)15	86	19	80	5	55
T2	115	M6深(depth)15	100	24	95	5	45
T3	115	M6深(depth)15	100	24	95	5	45

• T1~3的详细情况请参照P156

For details of T1~3, see 156 page

ZDWE/ZDWF 1500W 尺寸图与性能表

ZDWE/ZDWF 1500W 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 Shaft Speed	额定输出 扭矩 Standard Output Torque	瞬间最大 输出扭矩 Instantaneous Max. Output Torque	容许径向 负荷 Permissible Radial Load	容许轴向 负荷 Permissible Axial Load	输入轴换算 内部惯性力矩 Internal Moment Of Inertia Of Input Shaftconversion	容许输出 扭矩 Permissible Output Torque	瞬间最大容 许输出扭矩 Instantaneous max. Permissible Output Torque
		机座号 Type No.	系列号 Model	减速比 Reduction Ratio	马达功率 Motor								
1500W	1/3	80	ZDW□	3	-1500	1000	13.74	41.22	900	450	1.189	40	80
	1/4	80	ZDW□	4	-1500	750	18.32	54.96	900	450	0.939	50	100
	1/5	80	ZDW□	5	-1500	600	22.90	68.70	900	450	0.869	50	100
	1/8	120	ZDW□	8	-1500	375	36.64	109.92	2100	1050	2.89	100	200
	1/10	120	ZDW□	10	-1500	300	45.80	137.40	2100	1050	2.54	80	160
	1/9	80	ZDW□	9	-1500	333.3	40.36	121.09	900	450	1.159	100	200
	1/12	80	ZDW□	12	-1500	250	53.82	161.45	900	450	1.139	100	200
	1/15	80	ZDW□	15	-1500	200	67.27	200.00	900	450	1.129	100	200
	1/16	80	ZDW□	16	-1500	187.5	71.75	215.25	900	450	0.919	120	240
	1/20	120	ZDW□	20	-1500	150	89.69	269.06	2100	1050	3.28	260	520
	1/25	120	ZDW□	25	-1500	120	112.11	336.32	2100	1050	3.26	230	460
	1/32	120	ZDW□	32	-1500	93.75	143.49	430.47	2100	1050	2.84	260	520

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照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.

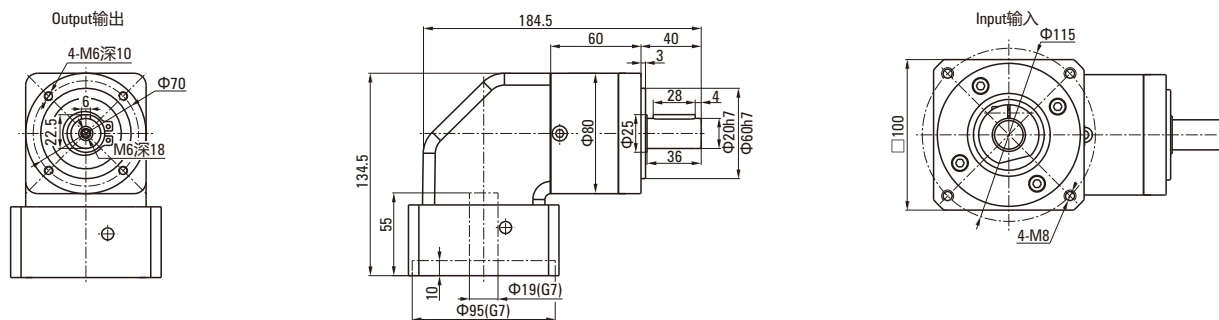
Note4) The permissible radial load is indicated on the center of the output shaft.

Note5) For motor assembly procedure, see 158 page.

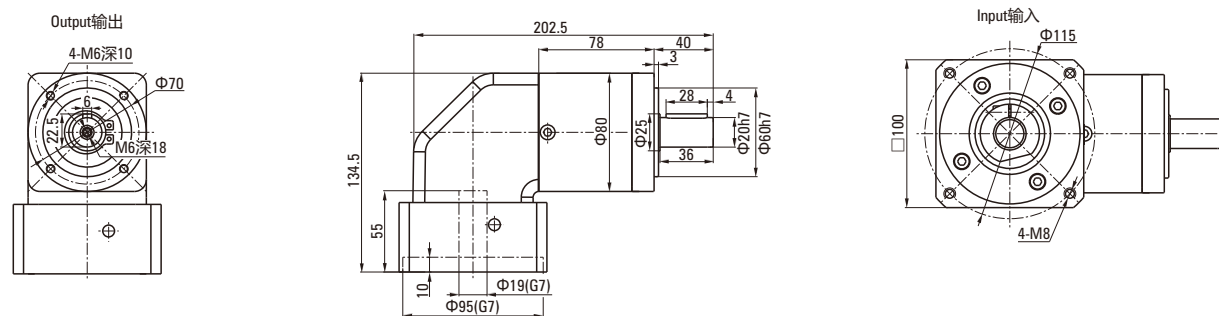
Note6) Rotation of the output shaft is in the same direction as motor.

■ ZDWE尺寸图 Dimensional Drawing

● 80ZDE3-4-5-1500T1



● 80ZDE9-12-15-16-1500T1



● 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	115	M8深(depth)20	100	19	95	5	55
T2	115	M6深(depth)15	100	24	95	5	45
T3	115	M8深(depth)20	100	24	95	5	45

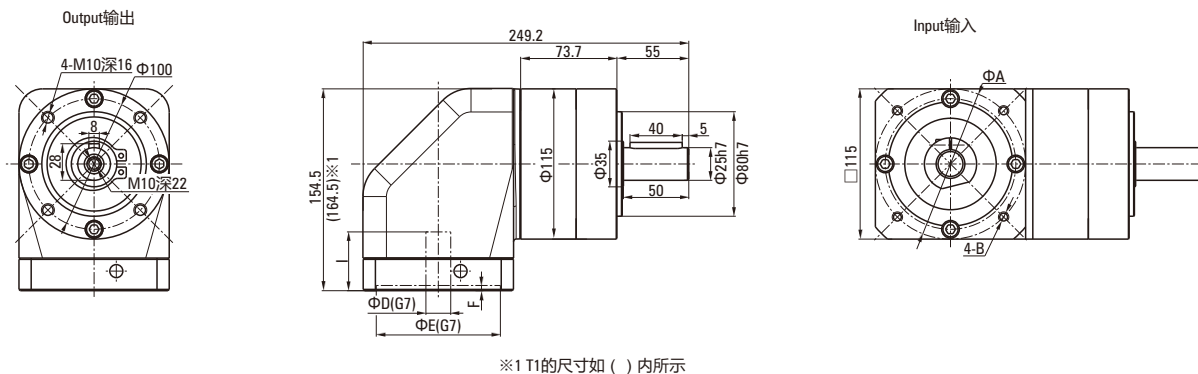
• T1~3的详细情况请参照P156

For details of T1~3, see 156 page

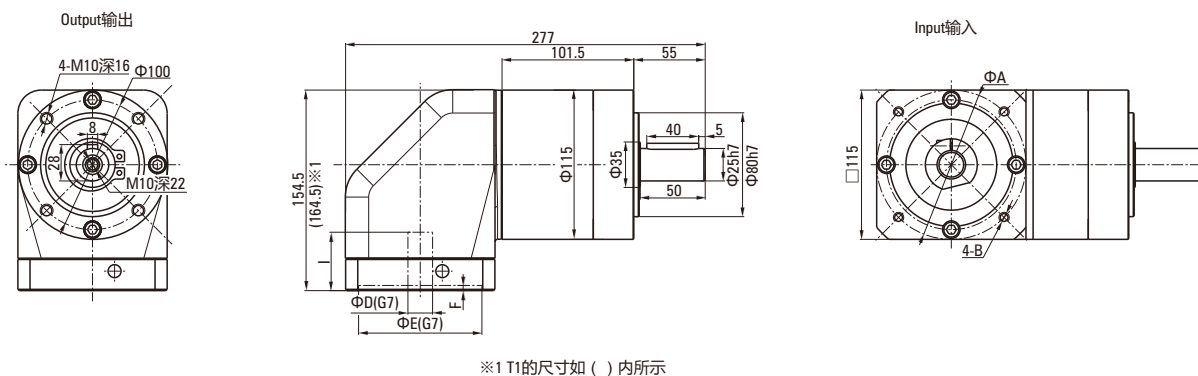
ZDWE/ZDWF 1500W 尺寸图与性能表

ZDWE 尺寸图 Dimensional Drawing

● 120ZDWE8-10-1500 120ZDWE3-4-5-1500T2(T3)

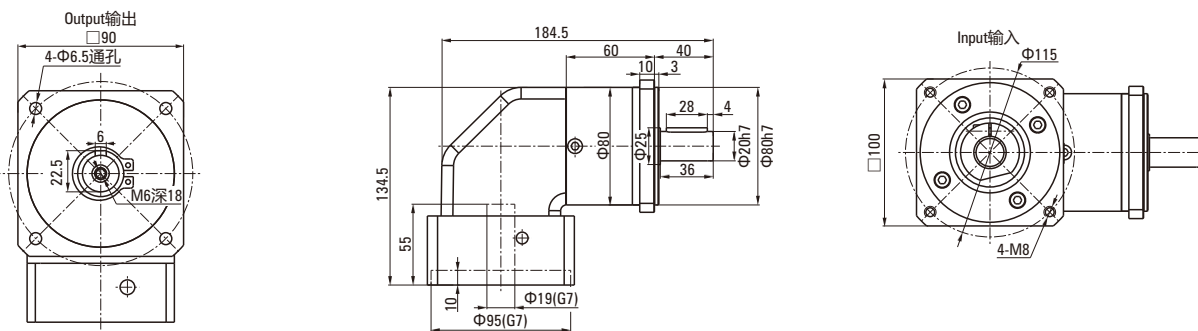


● 120ZDWE20-25-32-1500 120ZDWE9-12-15-16-1500T2(T3)



ZDWF 尺寸图 Dimensional Drawing

● 80ZDWF3-4-5-1500T1



● 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	115	M8深(depth)20	100	19	95	5	55
T2	115	M6深(depth)15	100	24	95	5	45
T3	115	M8深(depth)20	100	24	95	5	45

• T1~3的详细情况请参照P.156

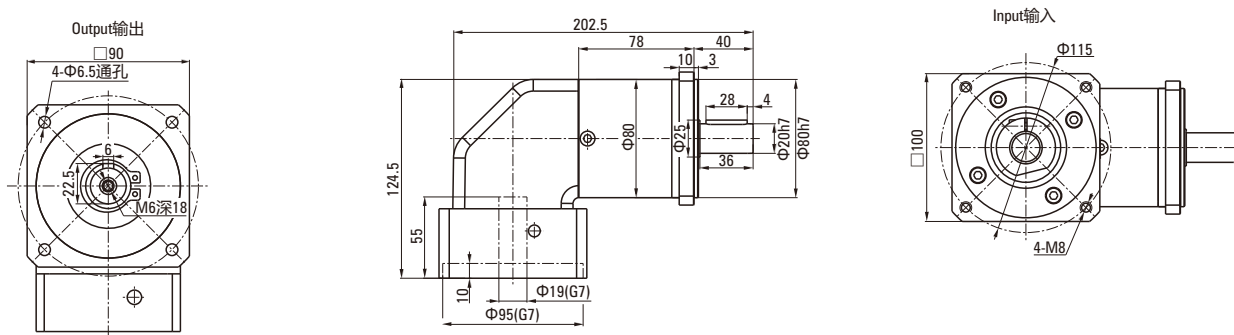
For details of T1~3, see 156 page

ZDWE/ZDWF 1500W 尺寸图与性能表

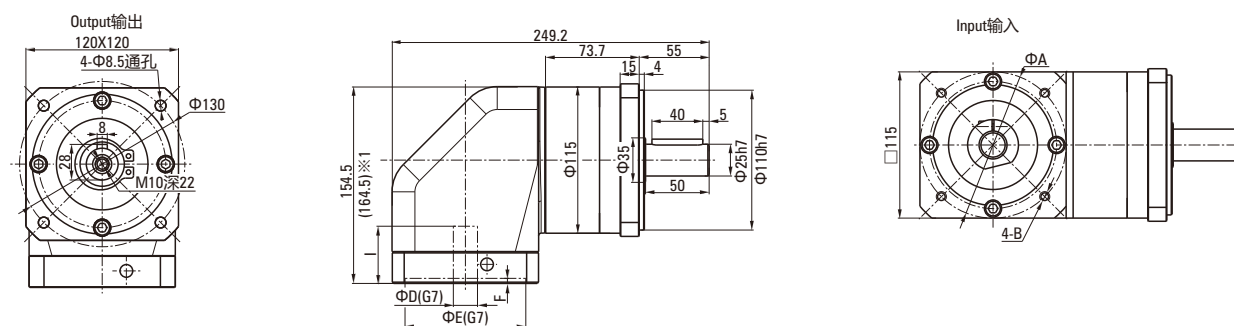
ZDWE/ZDWF 1500W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWF 尺寸图 Dimensional Drawing

● 80ZDWF9-12-15-16-1500T1

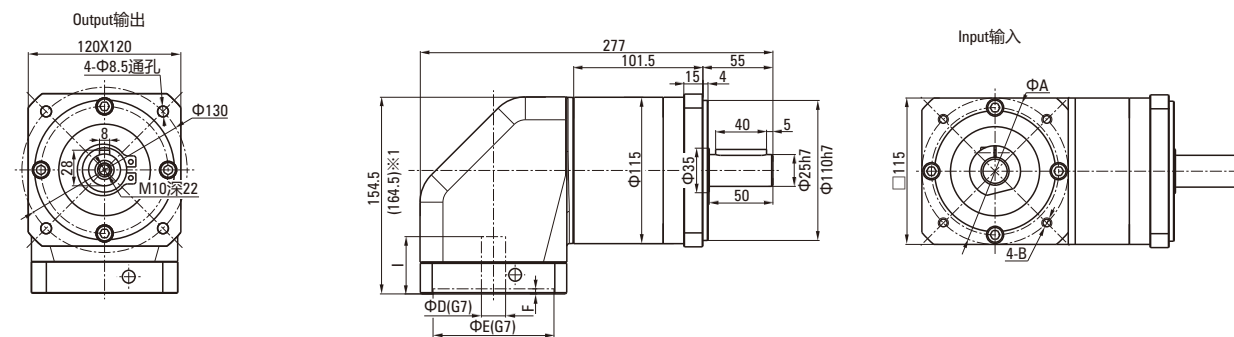


● 120ZDWF8-10-1500 120ZDWF3-4-5-1500T2(T3)



※1 T1的尺寸如 () 内所示

● 120ZDWF20-25-32-1500 120ZDWF9-12-15-16-1500T2(T3)



※1 T1的尺寸如 () 内所示

● 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	115	M8深(depth)20	100	19	95	5	55
T2	115	M6深(depth)15	100	24	95	5	45
T3	115	M8深(depth)20	100	24	95	5	45

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

ZDWE/ZDWF 2000W 尺寸图与性能表

ZDWE/ZDWF 2000W 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 ⁻⁴ kg.m ²)	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								
2000W	1/3	80	ZDW□	3	-2000	1000	18.35	55.05	900	450	1.189	40	80
	1/4	80	ZDW□	4	-2000	750	24.47	73.41	900	450	0.939	50	100
	1/5	80	ZDW□	5	-2000	600	30.58	91.74	900	450	0.869	50	100
	1/8	120	ZDW□	8	-2000	375	48.93	146.79	2100	1050	2.89	100	200
	1/9	80	ZDW□	9	-2000	333.3	53.90	161.70	900	450	1.159	100	200
	1/12	120	ZDW□	12	-2000	250	71.86	215.59	2100	1050	5.6	210	420
	1/15	120	ZDW□	15	-2000	200	89.83	269.48	2100	1050	5.53	210	420
	1/16	120	ZDW□	16	-2000	187.5	95.81	287.44	2100	1050	3.83	260	520
	1/20	120	ZDW□	20	-2000	150	119.77	359.30	2100	1050	3.28	260	520
	1/25	120	ZDW□	25	-2000	120	149.71	449.12	2100	1050	3.26	230	460

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照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.

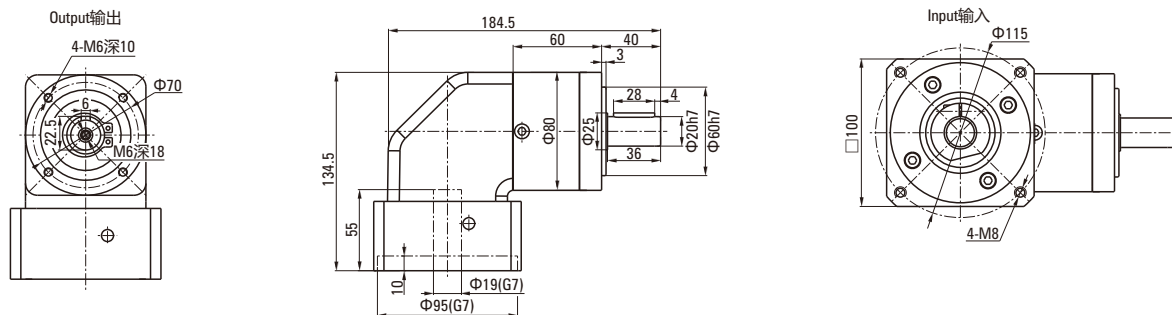
Note4) The permissible radial load is indicated on the center of the output shaft.

Note5) For motor assembly procedure, see 158 page.

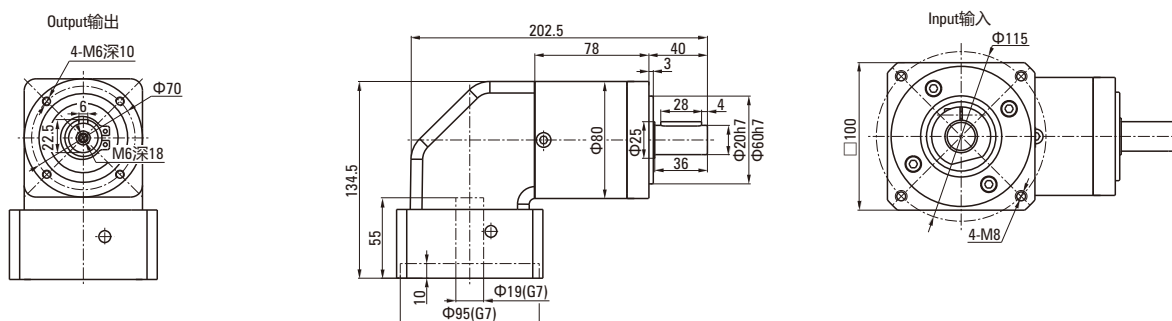
Note6) Rotation of the output shaft is in the same direction as motor.

ZDWE尺寸图 Dimensional Drawing

● 80ZDE3-4-5-2000T1



● 80ZDE9-2000T1



● 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	115	M8深(depth)20	100	19	95	5	55
T2	115	M6深(depth)15	100	24	95	5	45
T3	115	M8深(depth)20	100	24	95	5	45

• T1~3的详细情况请参照P156

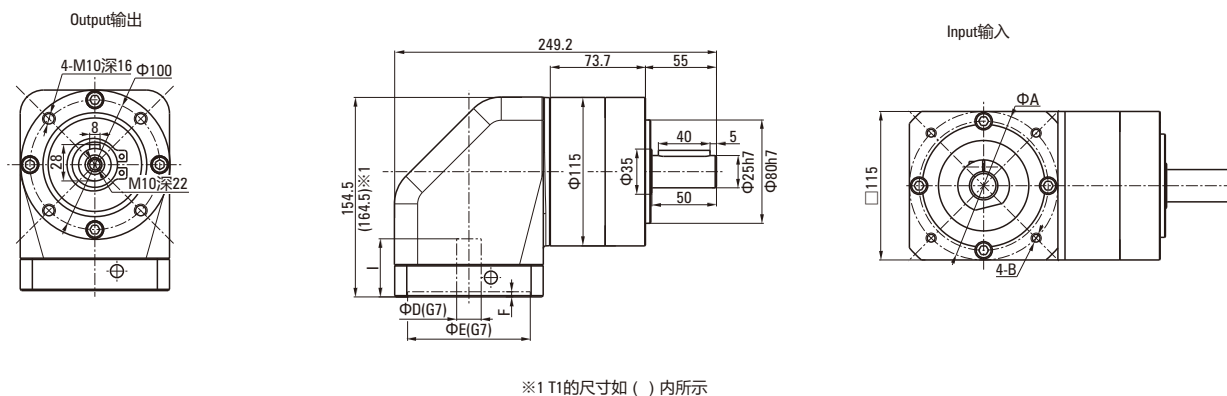
For details of T1~3, see 156 page

ZDWE/ZDWF 2000W 尺寸图与性能表

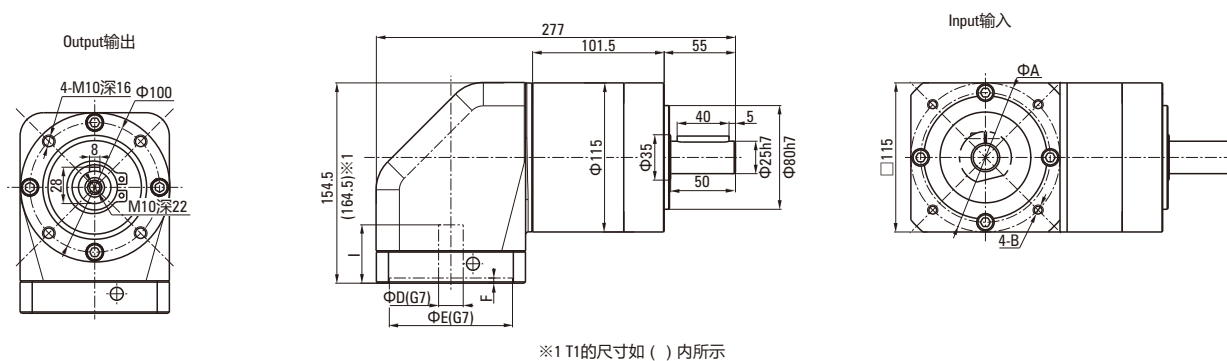
ZDWE/ZDWF 2000W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWE尺寸图 Dimensional Drawing

● 120ZDWE8-2000 120ZDWE3-4-5-2000T2(T3)

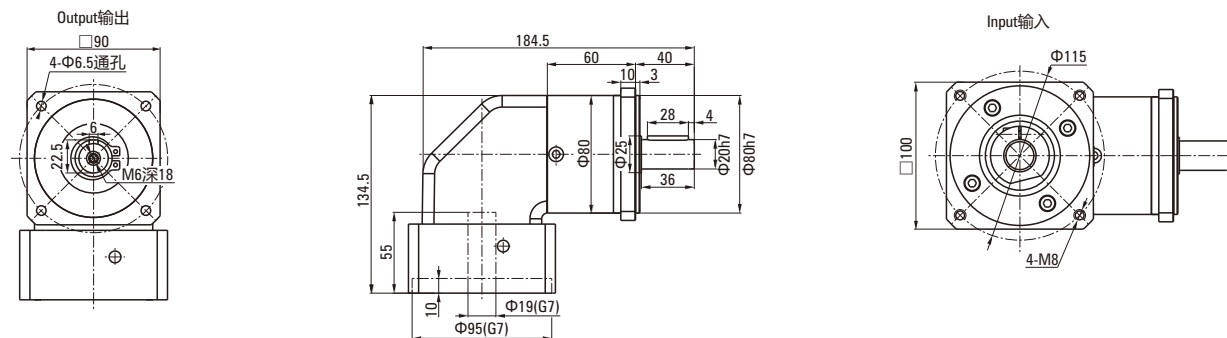


● 120ZDWE12-15-16-20-25-2000 120ZDWE9-2000T2(T3)



ZDWF尺寸图 Dimensional Drawing

● 80ZDWF3-4-5-2000T1



● 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	115	M8深(depth)20	100	19	95	5	55
T2	115	M6深(depth)15	100	24	95	5	45
T3	115	M8深(depth)20	100	24	95	5	45

• T1~3的详细情况请参照P156

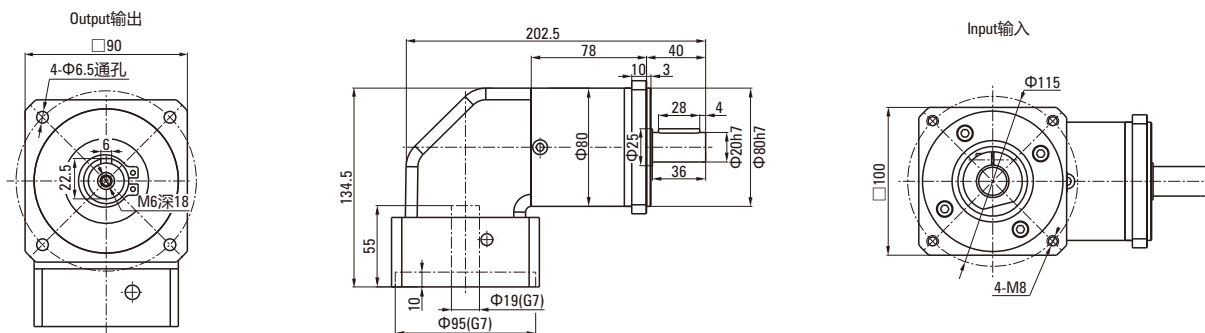
For details of T1~3, see 156 page

ZDWE/ZDWF 2000W 尺寸图与性能表

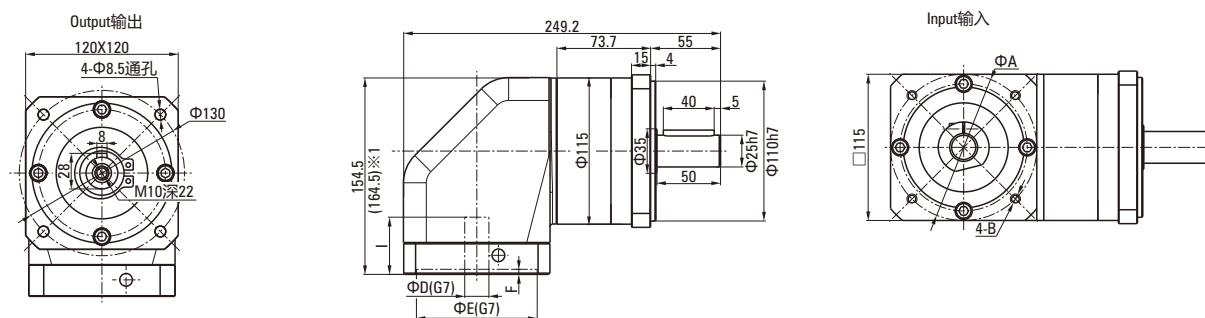
ZDWE/ZDWF 2000W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWF尺寸图 Dimensional Drawing

● 80ZDWF9-2000T1

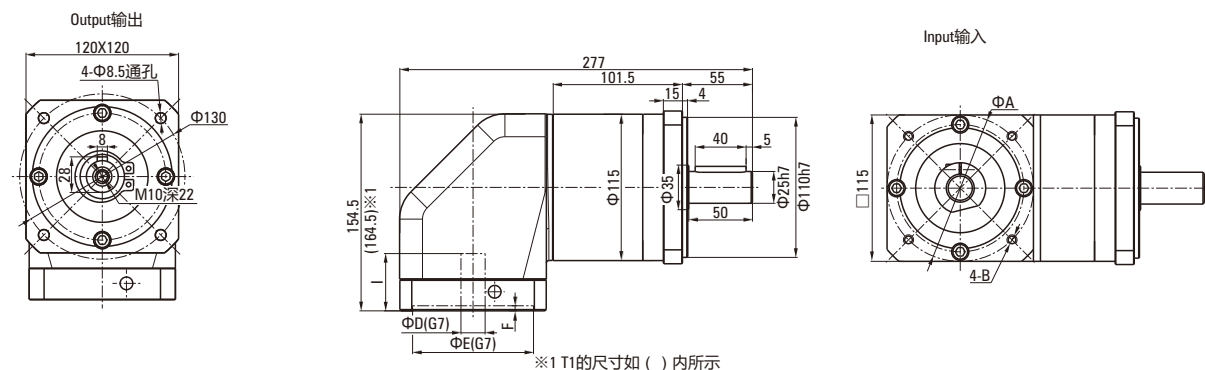


● 120ZDWF8-2000 120ZDWF3-4-5-2000T2(T3)



※1 T1的尺寸如()内所示

● 120ZDWF12-15-16-20-25-2000 120ZDWF9-2000T2(T3)



※1 T1的尺寸如()内所示

● 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	115	M8深(depth)20	100	19	95	5	55
T2	115	M6深(depth)15	100	24	95	5	45
T3	115	M8深(depth)20	100	24	95	5	45

• T1~3的详细情况请参照P156

For details of T1~3, see 156 page

ZDWE/ZDWF 2500W 尺寸图与性能表

ZDWE/ZDWF 2500W 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 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 ($\times 10^{-4}$ kg.m ²)	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 Torque (N.m)
		机座号 Type No.	系列号 Model	减速比 Reduction Ratio	马达功率 Motor								
2500W	1/3	80	ZDW□	3	-2500	1000	22.93	68.79	900	450	1.189	40	80
	1/4	80	ZDW□	4	-2500	750	30.57	91.71	900	450	0.939	50	100
	1/5	120	ZDW□	5	-2500	600	38.21	114.63	2100	1050	3.35	110	220
	1/8	120	ZDW□	8	-2500	375	61.14	183.42	2100	1050	2.89	100	200
	1/9	80	ZDW□	9	-2500	333.3	67.35	200.00	900	450	1.159	100	200
	1/12	120	ZDW□	12	-2500	250	89.80	269.40	2100	1050	5.6	210	420
	1/15	120	ZDW□	15	-2500	200	112.25	336.74	2100	1050	5.53	210	420
	1/16	120	ZDW□	16	-2500	187.5	119.73	359.19	2100	1050	3.83	260	520
	1/20	120	ZDW□	20	-2500	150	149.66	448.97	2100	1050	3.28	260	520

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照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.

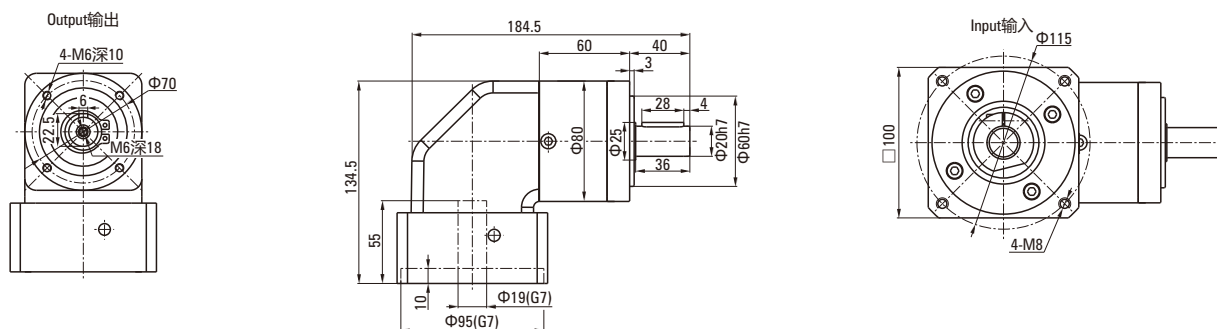
Note4) The permissible radial load is indicated on the center of the output shaft.

Note5) For motor assembly procedure, see 158 page.

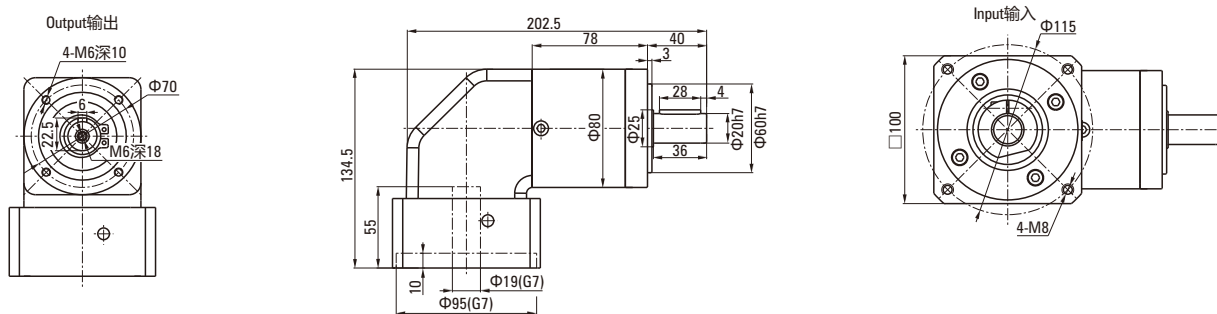
Note6) Rotation of the output shaft is in the same direction as motor.

ZDWE尺寸图 Dimensional Drawing

80ZDWE3-4-2500T1



80ZDWE9-2500T1



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	115	M8深(depth)20	100	19	95	5	55
T2	115	M6深(depth)15	100	24	95	5	45
T3	-	-	-	-	-	-	-

• T1~3的详细情况请参照P156

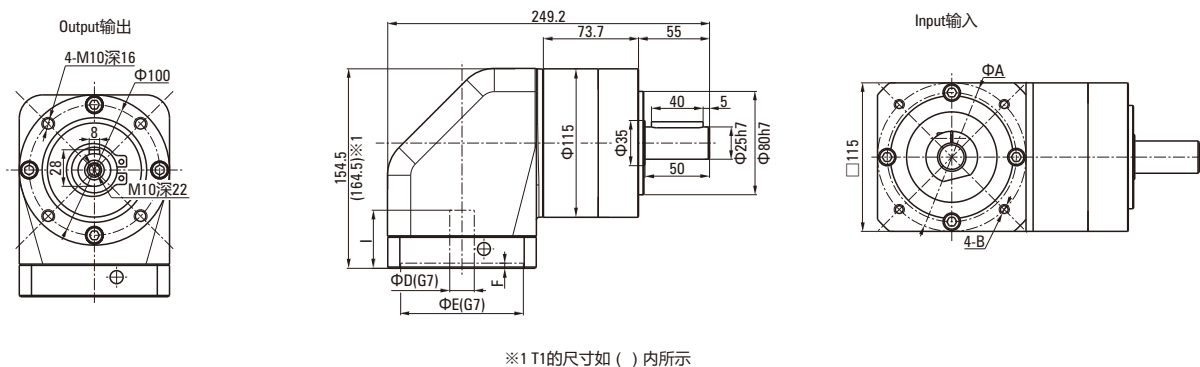
For details of T1~3, see 156 page

ZDWE/ZDWF 2500W 尺寸图与性能表

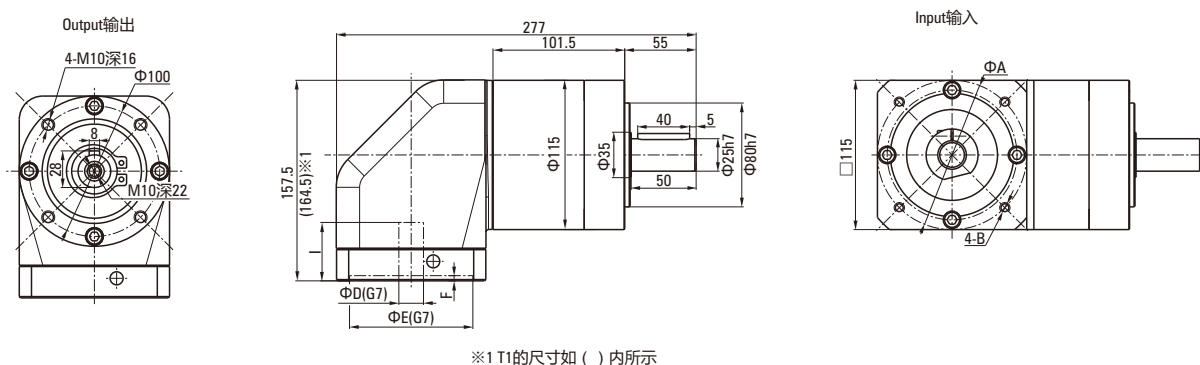
ZDWE/ZDWF 2500W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWE尺寸图 Dimensional Drawing

● 120ZDWE5-8-2500 120ZDWE3-4-2500T2(T3)

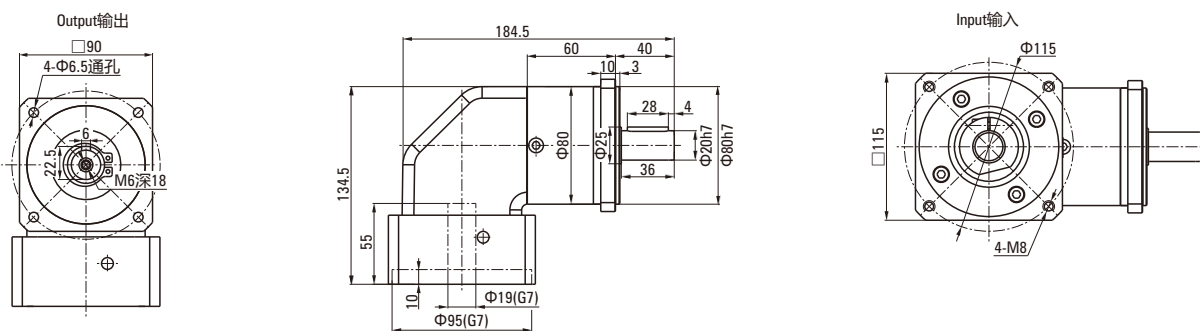


● 120ZDWE12-15-16-20-2500 120ZDWE9-2500T2(T3)



ZDWF尺寸图 Dimensional Drawing

● 80ZDWF3-4-2500T1



● 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	115	M8深(depth)20	100	19	95	5	55
T2	115	M6深(depth)15	100	24	95	5	45
T3	-	-	-	-	-	-	-

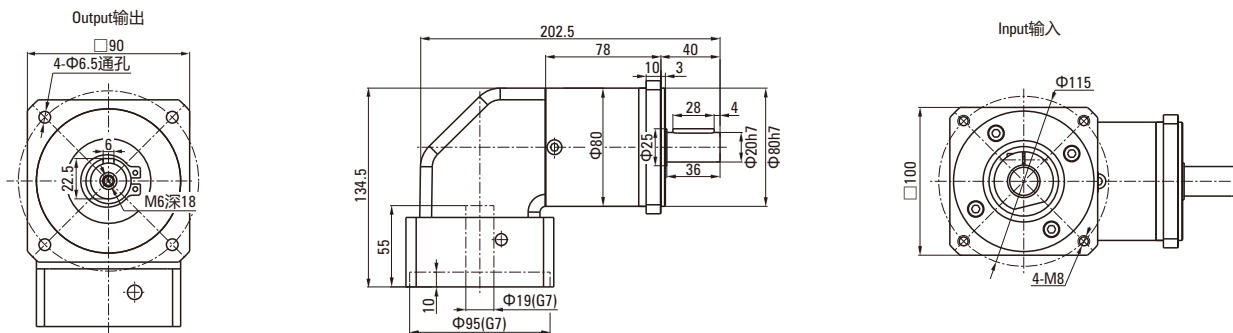
• T1~3的详细情况请参照P156
For details of T1~3, see 156 page

ZDWE/ZDWF 2500W 尺寸图与性能表

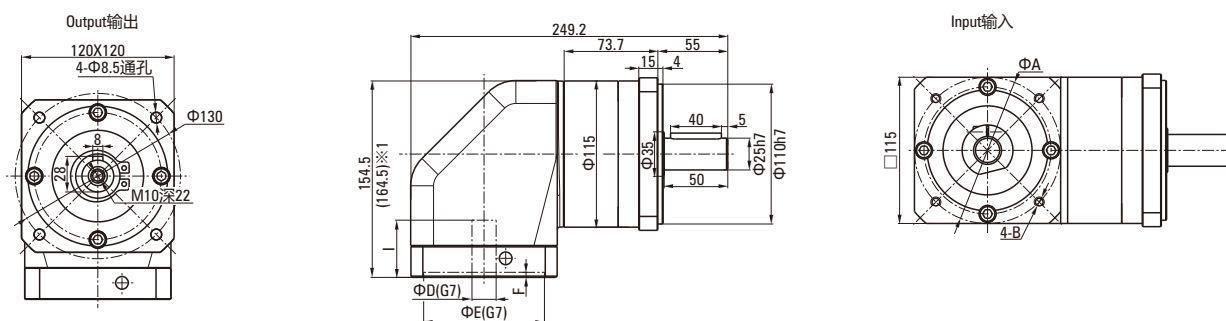
ZDWE/ZDWF 2500W DIMENSIONAL DRAWING & PERFORMANCE TABLE

■ ZDWF 尺寸图 Dimensional Drawing

● 80ZDWF9-2500

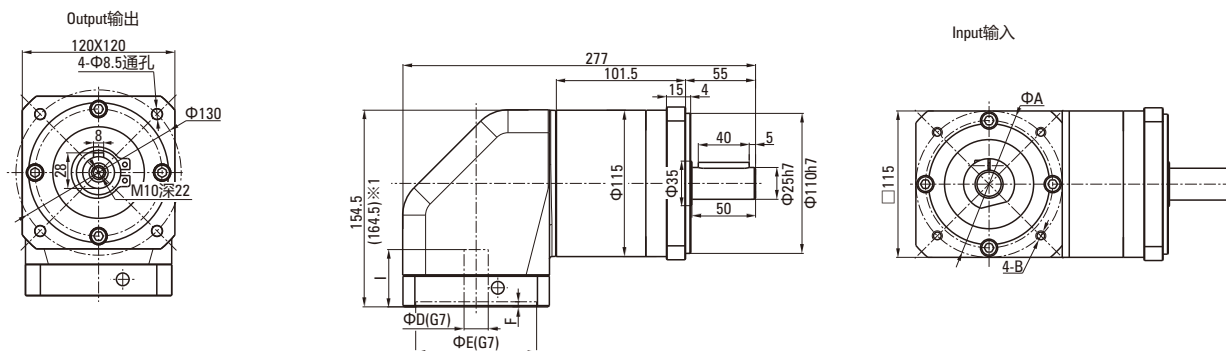


● 120ZDWF5-8-2500 120ZDWF3-4-2500T2(T3)



※1 T1 的尺寸如 () 内所示

● 120ZDWF12-15-16-20-2500 120ZDWF9-2500T2(T3)



※1 T1 的尺寸如 () 内所示

● 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	115	M8 深(depth)20	100	19	95	5	55
T2	115	M6 深(depth)15	100	24	95	5	45
T3	-	-	-	-	-	-	-

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

ZDWE/ZDWF 3000W 尺寸图与性能表

ZDWE/ZDWF 3000W 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 ($\times 10^{-4} \text{ kg.m}^2$)	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								
3000W	1/3	120	ZDW□	3	-3000	1000	27.51	82.53	2100	1050	5.75	80	160
	1/4	120	ZDW□	4	-3000	750	36.68	110.04	2100	1050	3.91	110	220
	1/5	120	ZDW□	5	-3000	600	45.85	137.55	2100	1050	3.35	110	220
	1/9	120	ZDW□	9	-3000	333.3	80.80	242.41	2100	1050	5.73	210	420
	1/12	120	ZDW□	12	-3000	250	107.73	323.20	2100	1050	5.6	210	420
	1/15	120	ZDW□	15	-3000	200	134.67	404.00	2100	1050	5.53	210	420
	1/16	120	ZDW□	16	-3000	187.5	143.64	430.93	2100	1050	3.83	260	520

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照P.158。

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.

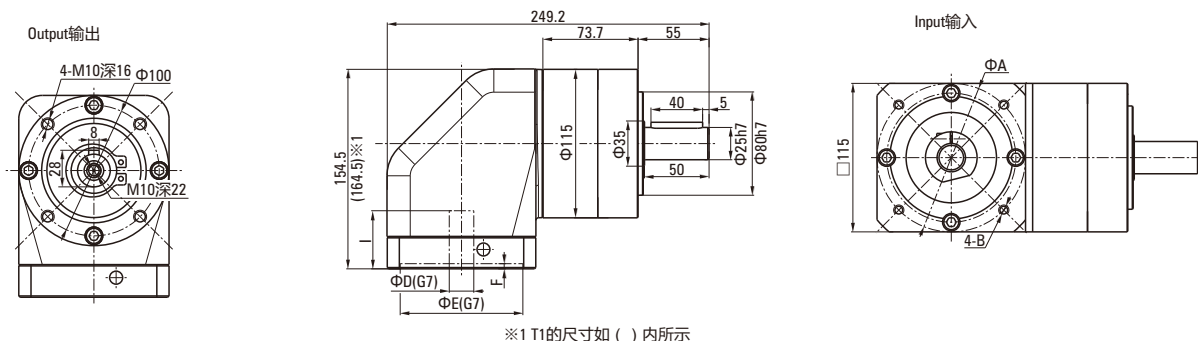
Note4) The permissible radial load is indicated on the center of the output shaft.

Note5) For motor assembly procedure, see 158 page.

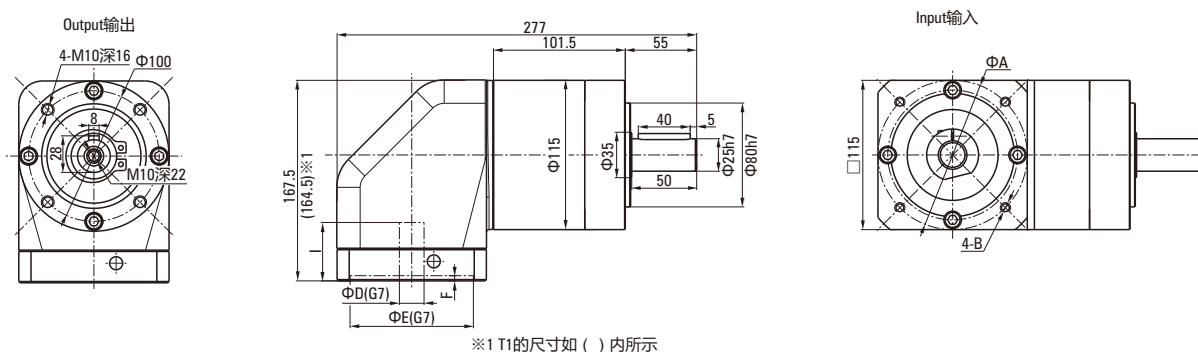
Note6) Rotation of the output shaft is in the same direction as motor.

ZDWE尺寸图 Dimensional Drawing

● 120ZDWE3-4-5-3000



● 120ZDWE9-12-15-16-3000



● 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	130	M8深(depth)20	120	22	110	5	55
T2	145	M8深(depth)20	130	28	110	5	65
T3	-	-	-	-	-	-	-

• T1~3的详细情况请参照P.156

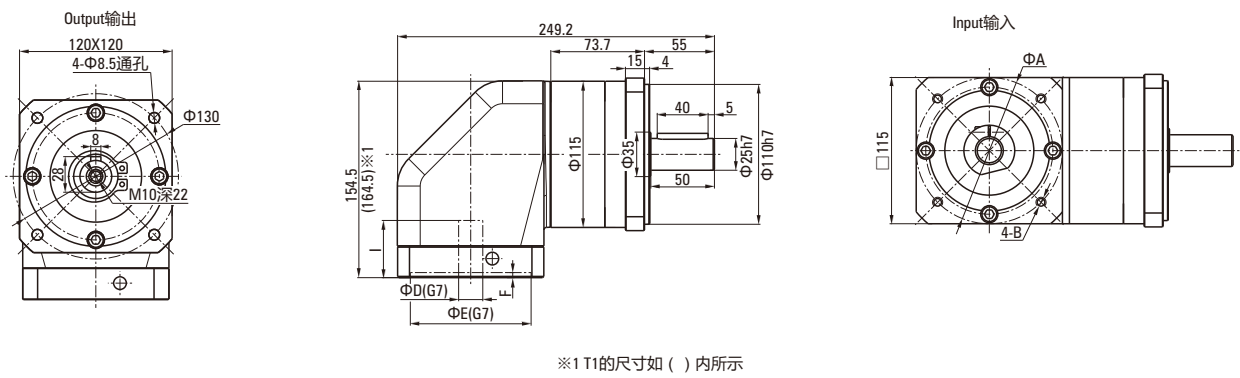
For details of T1~3, see 156 page

ZDWE/ZDWF 3000W 尺寸图与性能表

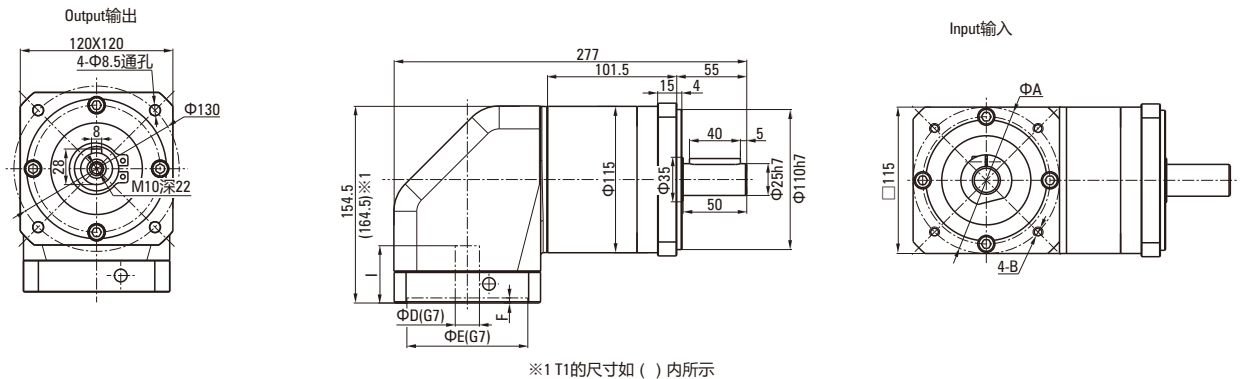
ZDWE/ZDWF 3000W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWF尺寸图 Dimensional Drawing

● 120ZDWF3-4-5-3000



● 120ZDWF9-12-15-16-3000



● 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	130	M8深(depth)20	120	22	110	5	55
T2	145	M8深(depth)20	130	28	110	5	65
T3	-	-	-	-	-	-	-

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

ZDWE/ZDWF 3500W 尺寸图与性能表

ZDWE/ZDWF 3500W 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 ($\times 10^{-4} \text{ kg.m}^2$)	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								
3500W	1/3	120	ZDW□	3	-3500	1000	31.97	85.91	2100	1050	5.75	80	160
	1/4	120	ZDW□	4	-3500	750	42.63	127.89	2100	1050	3.91	110	220
	1/5	120	ZDW□	5	-3500	600	53.29	159.87	2100	1050	3.35	110	220
	1/9	120	ZDW□	9	-3500	333.3	93.92	281.75	2100	1050	5.73	210	420
	1/12	120	ZDW□	12	-3500	250	125.22	375.65	2100	1050	5.6	210	420
	1/16	120	ZDW□	16	-3500	187.5	166.95	500.86	2100	1050	3.83	260	520

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照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.

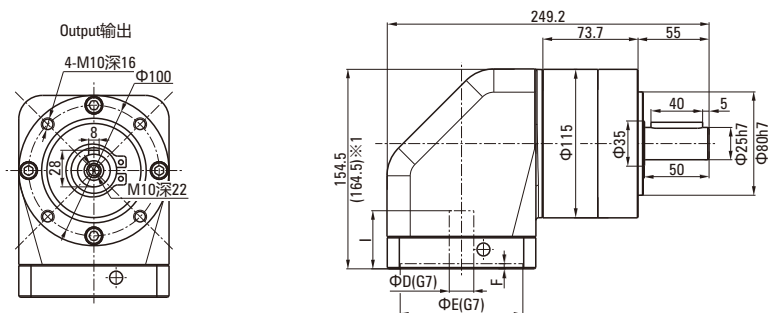
Note4) The permissible radial load is indicated on the center of the output shaft.

Note5) For motor assembly procedure, see 158 page.

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

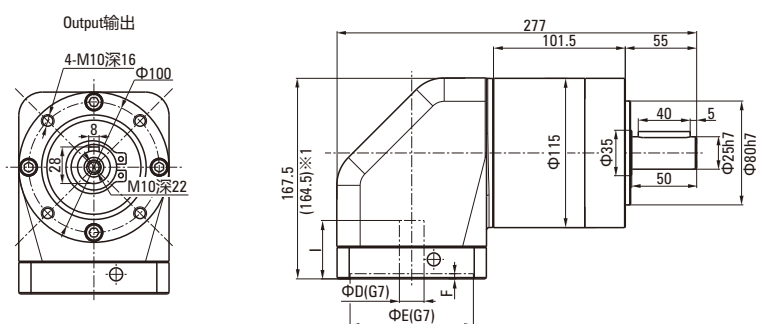
ZDWE尺寸图 Dimensional Drawing

● 120ZDWE3-4-5-3500



※T1的尺寸如()内所示

● 120ZDWE9-12-16-3500



※T1的尺寸如()内所示

● 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	130	M8深(depth)20	120	22	110	8	55
T2	-	-	-	-	-	-	-
T3	145	M8深(depth)20	130	28	110	8	65

• T1~3的详细情况请参照P156

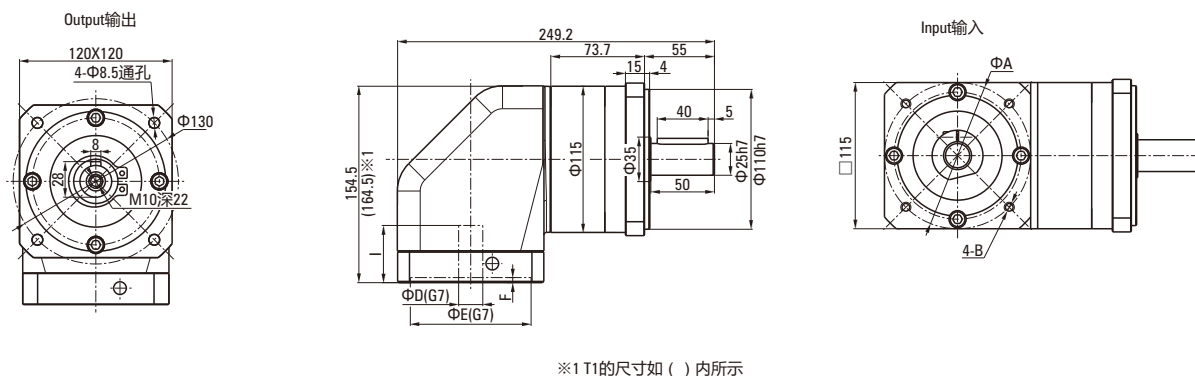
For details of T1~3, see 156 page

ZDWE/ZDWF 3500W 尺寸图与性能表

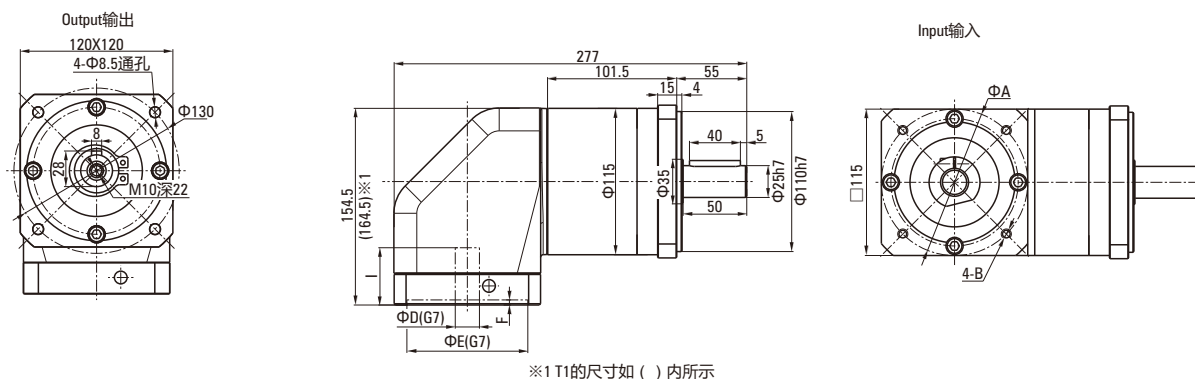
ZDWE/ZDWF 3500W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWF尺寸图 Dimensional Drawing

● 120ZDWF3-4-5-3500



● 120ZDWF9-12-16-3500



● 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	130	M8深(depth)20	120	22	110	8	55
T2	-	-	-	-	-	-	-
T3	145	M8深(depth)20	130	28	110	8	65

• T1~3的详细情况请参照P156

For details of T1~3, see 156 page

ZDWE/ZDWF 4000W 尺寸图与性能表

ZDWE/ZDWF 4000W 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	额定输出 扭矩 Standard Output Torque	瞬间最大 输出扭矩 Instantaneous Max.Output Torque	容许径向 负荷 Permissible Radial Load	容许轴向 负荷 Permissible Axial Load	输入轴换算 内部惯性力矩 Internal Moment Of Inertia Of Input Shaftconversion	容许输出 扭矩 Permissible Output Torque	瞬间最大容 许输出扭矩 Instantaneous max. Permissible Output Toque
		机座号 Type No.	系列号 Model	减速比 Reduction Ratio	马达功率 Motor	(rpm)	(N.m)	(N.m)	(N)	(N)	(x10 ⁻⁴ kg.m ²)	(N.m)	(N.m)
4000W	1/3	120	ZDW□	3	-4000	1000	36.58	109.74	2100	1050	5.75	80	160
	1/4	120	ZDW□	4	-4000	750	48.77	146.31	2100	1050	3.91	110	220
	1/5	120	ZDW□	5	-4000	600	60.97	182.91	2100	1050	3.35	110	220
	1/9	120	ZDW□	9	-4000	333.3	107.45	322.36	6000	3000	5.73	210	420

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照P.158。

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.

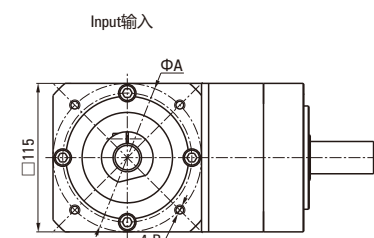
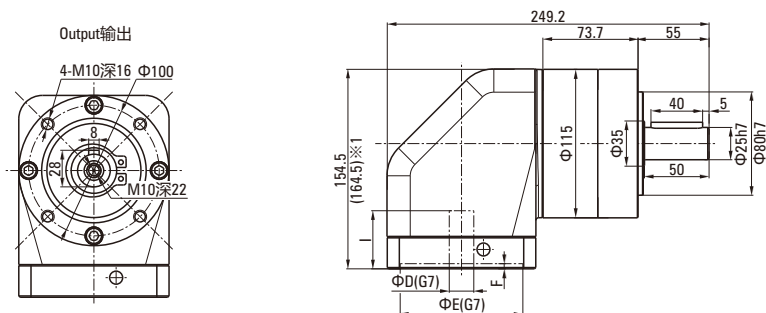
Note4) The permissible radial load is indicated on the center of the output shaft.

Note5) For motor assembly procedure, see 158 page.

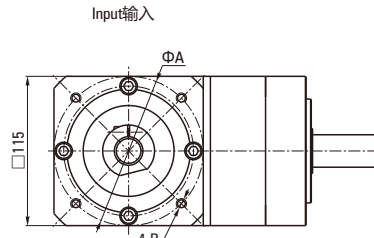
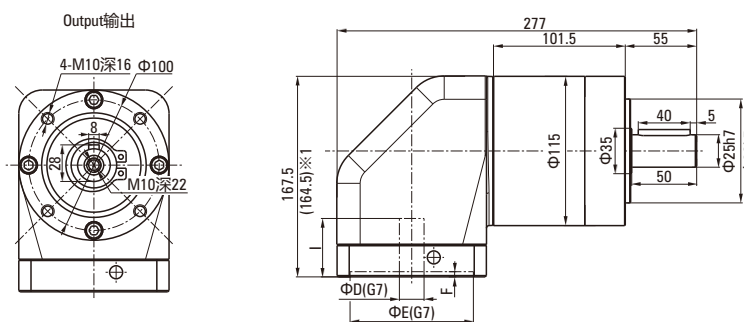
Note6) Rotation of the output shaft is in the same direction as motor.

ZDWE尺寸图 Dimensional Drawing

● 120ZDWE3-4-5-4000



● 120ZDWE9-4000



● 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	145	M8深(depth)20	130	24	110	8	65
T2	145	M8深(depth)20	130	28	110	8	65
T3	-	-	-	-	-	-	-

• T1~3的详细情况请参照P.156

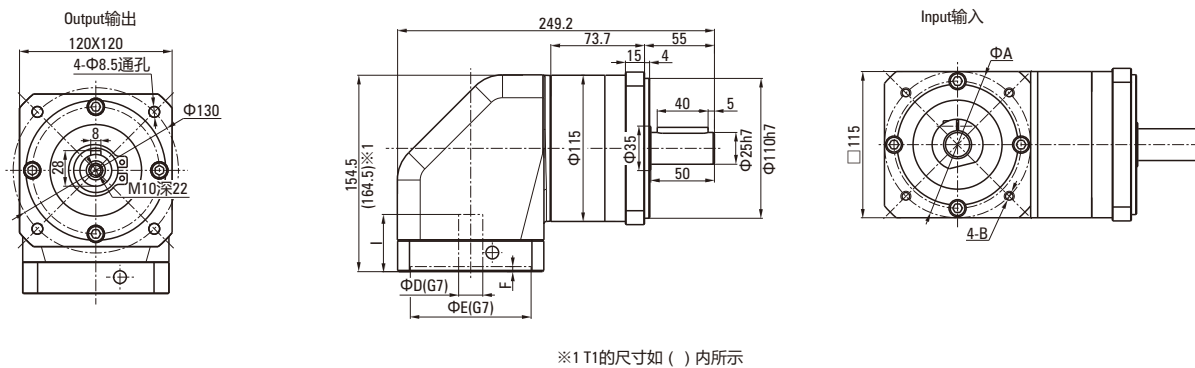
For details of T1~3, see 156 page

ZDWE/ZDWF 4000W 尺寸图与性能表

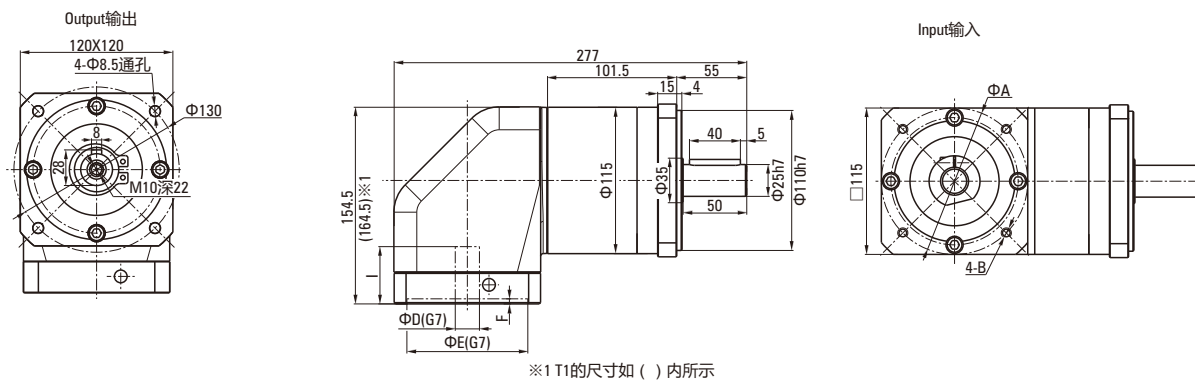
ZDWE/ZDWF 4000W DIMENSIONAL DRAWING & PERFORMANCE TABLE

ZDWF尺寸图 Dimensional Drawing

● 120ZDWF3-4-5-4000



● 120ZDWF9-4000



● 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	145	M8深(depth)20	130	24	110	8	65
T2	145	M8深(depth)20	130	28	110	8	65
T3	-	-	-	-	-	-	-

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

ZDWE/ZDWF 4500W 尺寸图与性能表

ZDWE/ZDWF 4500W 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 ($\times 10^{-4} \text{ kg.m}^2$)	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								
4500W	1/3	120	ZDW□	3	-4500	1000	41.19	123.57	2100	1050	5.75	80	160
	1/4	120	ZDW□	4	-4500	750	54.92	164.76	2100	1050	3.91	110	220
	1/5	120	ZDW□	5	-4500	600	68.65	205.95	2100	1050	3.35	110	220

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照P.158。

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.

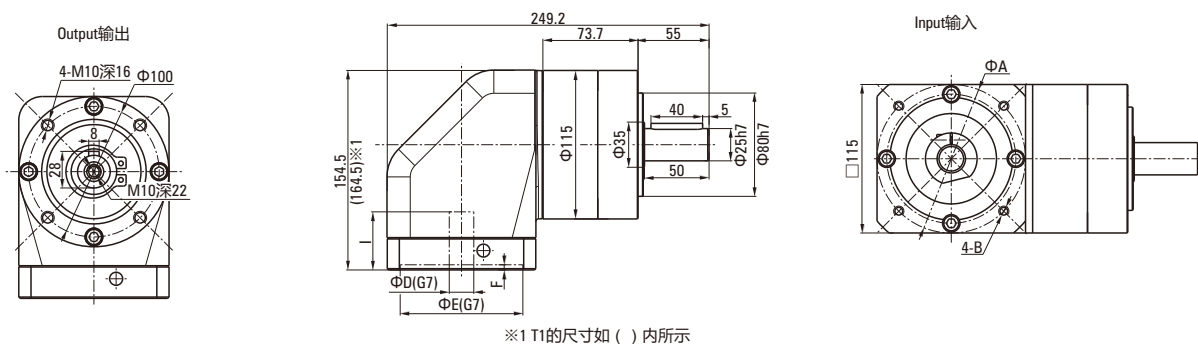
Note4) The permissible radial load is indicated on the center of the output shaft.

Note5) For motor assembly procedure, see 158 page.

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

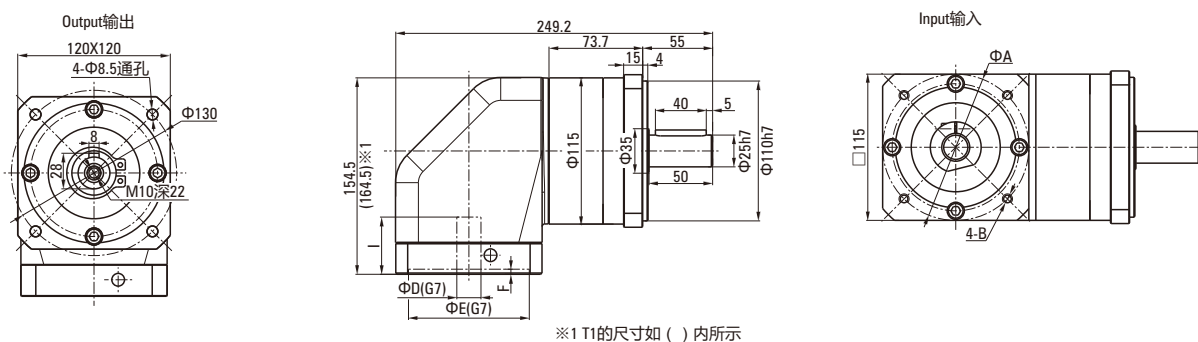
ZDWE尺寸图 Dimensional Drawing

● 120ZDWE3-4-5-4500



ZDWF尺寸图 Dimensional Drawing

● 120ZDWE3-4-5-4500



● 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	145	M8深(depth)20	130	24	110	8	65
T2	-	-	-	-	-	-	-
T3	-	-	-	-	-	-	-

• T1~3的详细情况请参照P.156

For details of T1~3, see 156 page

ZDWE/ZDWF 5000W 尺寸图与性能表

ZDWE/ZDWF 5000W 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 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 ($\times 10^{-4}$ kg.m ²)	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 Torque (N.m)
		机座号 Type No.	系列号 Model	减速比 Reduction Ratio	马达功率 Motor								
5000W	1/3	120	ZDW□	3	-5000	1000	45.80	137.40	2100	1050	5.75	80	160
	1/4	120	ZDW□	4	-5000	750	61.06	183.18	2100	1050	3.91	110	220

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照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.

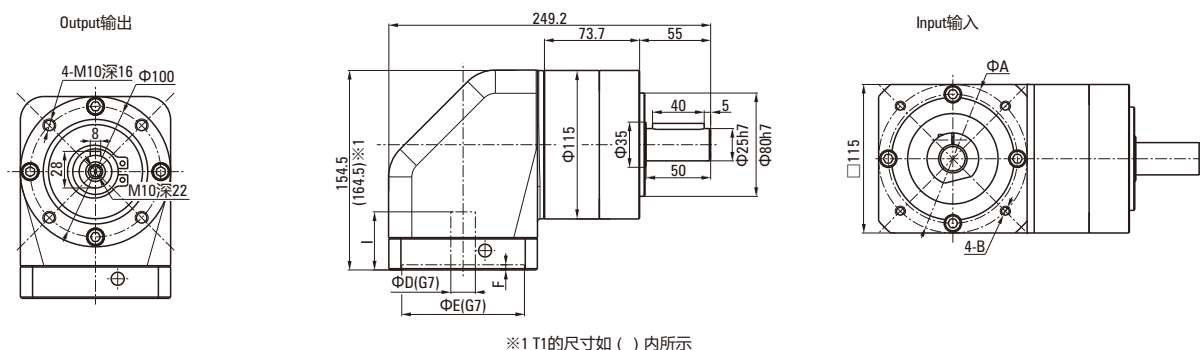
Note4) The permissible radial load is indicated on the center of the output shaft.

Note5) For motor assembly procedure, see 158 page.

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

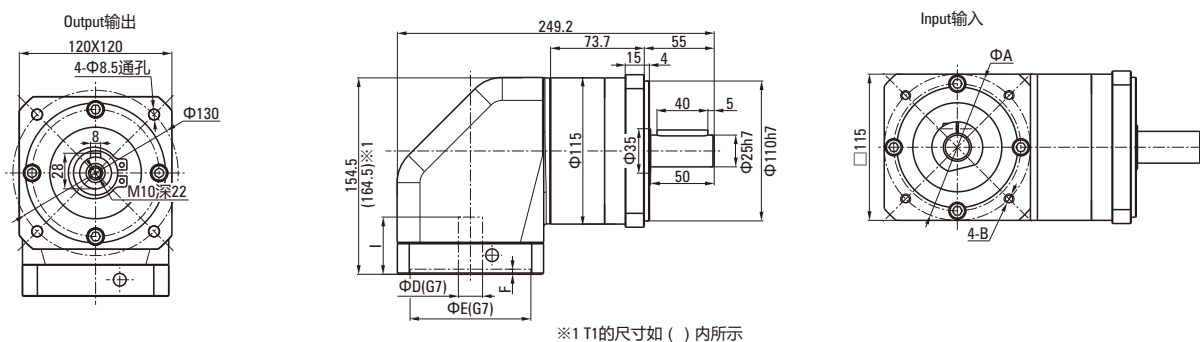
■ ZDWE尺寸图 Dimensional Drawing

● 120ZDWE3-4-5000



■ ZDWF尺寸图 Dimensional Drawing

● 120ZDWF3-4-5000



● 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	145	M8深(depth)20	130	24	110	8	65
T2	145	M8深(depth)20	130	28	110	8	65
T3	145	M8深(depth)20	130	28	110	8	65

• T1~3的详细情况请参照P156

For details of T1~3, see 156 page

PLANETARY GEAR BOX CATALOGUE

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