AC 100W-7500W

中型减速电机
MEDIUM GEAR REDUCERS

▶ 3-PHASE/4-POLES FULL LOAD AMPERE

Unit : A

OUTPUT POWER OF MOTOR	50HZ					60HZ				
	220V	380V	415V	440V	RPM	230V	380V	440V	460V	RPM
100W	0.87	0.50	0.32	0.30	1410	0.60	0.40	0.30	0.29	1720
200W	1.39	0.80	0.70	0.58	1410	1.10	0.63	0.55	0.52	1720
400W	2.40	1.40	1.13	1.07	1420	1.90	1.10	0.95	0.91	1730
750W	3.80	2.20	1.94	1.84	1420	3.40	1.96	1.70	1.63	1730
1500W	6.90	4.00	3.94	3.30	1430	6.10	3.53	3.05	2.92	1740
2200W	9.50	5.50	4.74	4.47	1430	8.70	5.04	4.35	4.16	1745
3700W	15.9	9.20	7.34	6.93	1440	13.5	7.82	6.75	6.46	1745
5500W	23.5	13.5	-	-	1440	20.8	12.0	-	-	1745
7500W	26.0	15.0	-	-	1440	23.9	13.8	-	-	1745

▶ 1-PHASE/4-POLES FULL LOAD AMPERE

Unit : A

OUTPUT POWER OF MOTOR	50HZ			60HZ		
	110V	220V	RPM	110V	220V	RPM
100W	2.80	1.40	1410	2.40	1.20	1720
200W	3.60	1.80	1410	3.00	1.50	1720
400W	9.80	4.90	1420	7.80	3.90	1730
750W	18.2	9.10	1420	12.9	6.40	1730
1500W	26.0	13.0	1430	23.4	11.7	1740
2200W	36.0	18.0	1430	30.0	15.0	1740

▶ Standard output torque meter

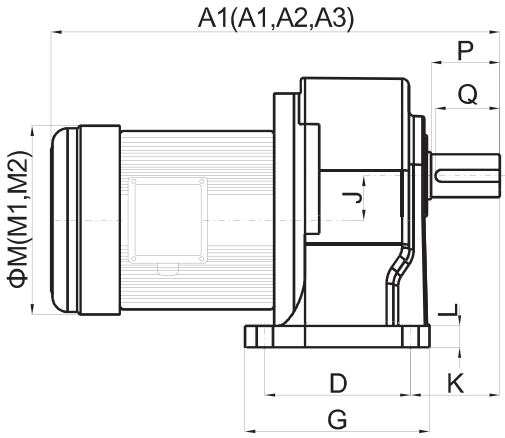
Unit : KG-M

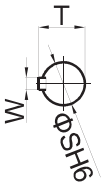
REDUCTION RATION	OUTPUET SHAFT SPEED		ALLOWABLE TORQUE																	
			0.1KW		0.2KW		0.4KW		0.75KW		1.5KW		2.2KW		3.7KW		5.5KW		7.5KW	
	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ
3	465	570	0.19	0.16	0.37	0.31	0.70	0.60	1.30	1.10	2.60	2.20	3.80	3.20	6.00	5.50	9.8	9	13.4	10.9
5	300	360	0.31	0.26	0.62	0.52	1.20	1.00	2.20	1.90	4.50	3.80	6.72	5.60	11.0	10.1	16.4	13.3	22.4	18.2
10	150	180	0.62	0.52	1.24	1.04	2.40	2.00	4.50	3.80	9.10	7.60	13.7	11.2	22.0	20.0	32.9	26.7	44.8	36.4
15	100	120	0.91	0.76	1.80	1.50	3.60	3.00	6.80	5.70	13.5	11.3	20.1	16.8	32.6	29.8	50.3	40	67.3	54.6
20	75	90	1.20	1.00	2.40	2.00	4.80	4.00	9.00	7.50	18.1	15.1	26.8	22.4	43.6	36.0	65.8	53.4	89.7	72.8
25	60	72	1.40	1.20	3.00	2.50	6.00	5.00	11.2	9.40	22.6	18.9	33.6	28.0	53.9	49.5	82.3	66.7	122.2	91
30	50	60	1.80	1.50	3.60	3.00	7.30	6.00	13.5	11.3	27.1	22.6	40.3	33.6	64.7	58.8	98.7	80.1	134.6	109.2
40	37	45	2.20	1.90	4.60	3.90	9.30	7.80	17.5	14.6	34.9	29.1	52.0	43.4	86.3	78.4	131	106.8	179.5	145.6
45	33	40	2.70	2.20	5.40	4.40	10.9	9.10	20.6	17.0	41.4	34.0	59.8	49.6	98.5	81.7	148.1	120.1	202	163.8
50	30	36	2.80	2.40	5.70	4.80	11.6	9.70	21.9	18.3	43.6	36.4	65.1	54.3	107	97.0	164.4	133.5	244.4	182
60	25	30	3.40	2.90	6.90	5.80	13.9	11.6	26.2	21.9	52.4	43.7	78.1	65.1	127	115	197.5	160.2	269.3	218.5
70	21	25	4.30	3.60	8.00	6.80	16.2	13.5	31.5	26.3	62.4	52.0	92.5	77.1	155	125.7	230.4	180.9		
80	19	23	4.80	4.00	9.20	7.70	18.4	15.4	35.5	29.6	70.8	59.0	105	87.5	177.1	143.7	263.3	213.6		
90	17	20	5.20	4.40	10.3	8.60	20.7	17.3	39.3	32.8	77.1	64.3	113	94.3	199.3	161.6	296.3	240.3		
100	15	18	5.80	4.90	11.5	9.60	23.0	19.2	43.2	36.0	83.7	69.8	126	105	221.5	179.6	329.2	267		
120	12	15	6.90	5.80	13.8	11.5	27.7	23.1	51.8	43.2	101	83.7	150	145	265.7	215.5				
140	11	13	8.00	6.70	16.0	13.4	32.0	26.7	59.7	49.8	116	96.8								
160	9	11	9.10	7.60	18.3	15.3	36.3	30.3	68.0	56.7	132	110								
180	8	10	10.3	8.60	20.7	17.3	40.8	34.0	76.8	64.0	148	123								
200	7	9	11.6	9.70	22.9	19.1	43.2	36.0	82.8	69.0										

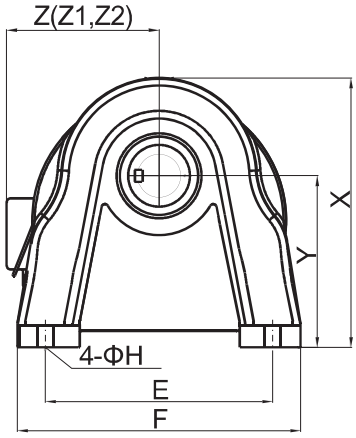
AC 100W-7500W

中型减速电机
MEDIUM GEAR REDUCERS

▶ GH horizontal with three phase, single phase aluminum housing (brake) gear reduction motor







SIZE OF SHAFT					
OUTPUT SAHFT		KEYWAY			KEY
Sh6	P	W	T	Q	SPEC
ϕ18	30	5	20	25	5*5*25
ϕ22	40	7	25	35	7*7*35
ϕ28	45	7	31	40	7*7*40
ϕ32	55	10	35.5	50	10*8*50
ϕ40	65	10	43.5	60	10*8*60
ϕ45	75	12	48.5	70	12*8*70
ϕ50	80	14	54	75	14*9*75
ϕ60	90	15	63.5	85	15*10*85

POWER	REDUCTION RATIO	本体	MODEL	A1	A2	A3	D	E	F	G	H	L	J	K	M1	M2	X	Y	Z1	Z2	WEIGHT (KG)
100W 1/8HP	3-50	1#	18	253	273	257	40	110	135	65	9	10	16	45	127	127	132	88.5	116	116	5.3
	60-200	2#	22	287	307	291	55	130	163	90	11	15	18.2	56	127	127	152	97.5	116	116	6.9
200W 1/4HP	3-10	1#	18	273	293	277	40	110	135	65	9	10	16	45	127	127	132	88.5	116	116	6.7
	15-90	2#	22	307	327	311	65	130	163	90	11	15	18.2	56	127	127	152	97.5	116	116	8.6
	100-200	3#	28	333	353	337	90	140	180	122	11	15	20.8	65	127	127	180	116	116	116	11
400W 1/2HP	3-10	2#	22	327	346	331	5	130	163	90	11	15	18.2	56	127	159	152	97.5	116	133	11
	15-90	3#	28	353	372	357	90	140	180	122	11	15	20.8	65	127	159	180	116	116	133	14
	100-200	4#	32	388	407	392	130	170	215	160	13	25	30.2	76	127	159	210	138.5	116	133	19.6
750W 1HP	3-25	3#	28	382	415	382	90	140	180	122	11	15	20.8	65	159	190	180	116	133	145	15
	30-120	4#	32	417	449	417	130	170	215	160	13	25	30.2	76	159	190	210	138.5	133	145	21.6
	130-200	5#	40	444	476	444	150	210	260	185	15	25	42.2	85	159	190	248	160	133	145	42
1500W 2HP	4-25	4#	32	449		470	130	170	215	160	13	25	30.2	76	190		210	138.5	145		27.6
	30-120	5#	40	476		497	150	210	260	185	15	25	42.2	85	190		248	160	145		47
	130-200	6#	50	517		538	170	265	330	220	19	30	51.7	104	190		315	200	145		52
2200W 3HP	3-60	5#	40	482		508	150	210	260	185	15	25	42.2	85	217		248	160	153		48
	70-200	6#	50	523		549	170	265	330	220	19	30	51.7	104	217		315	200	153		55
3700W 5HP	3-10	5#	40	498		524	150	210	260	185	15	25	42.2	85	217		248	160	153		50
	15-180	6#	50	539		565	170	265	330	220	19	30	51.7	104	217		315	200	153		57
5500W 7.5HP	5-10	8#	45	545		585	200	250	310	235	15	30	42.2	93	250		265	175	178		78
	11-30	8#	50	579		619	170	265	330	220	19	30	51.7	104	250		315	200	178		88
	31-60	8#	50	579		619	170	265	330	220	19	30	51.7	104	250		315	200	178		90
	61-100	8#	60	589		629	170	265	330	220	19	30	51.7	115	250		315	200	178		93
7500W 10HP	5-10	8#	50	619		659	170	265	330	220	19	30	51.7	104	250		315	200	178		99
	11-30	8#	60	629		669	170	265	330	220	19	30	51.7	115	250		315	200	178		103
	31-60	8#	60	629		669	170	265	330	220	19	30	51.7	115	250		315	200	178		110

▪ A1、M1、Z1为三相马达尺寸。▪ A2、M2、Z2为单相马达尺寸。 ▪ A3为三相带刹车马达尺寸。

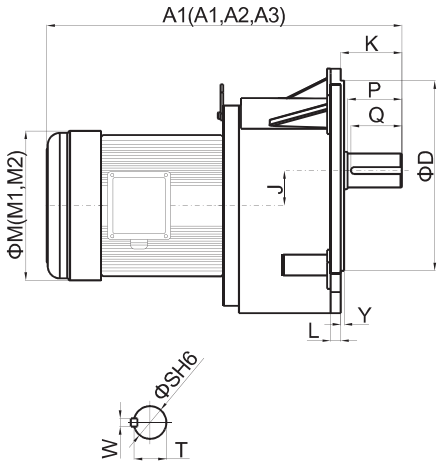
▪ 缩框尺寸上移一个规格；如 28 轴缩框尺寸为 22 轴，整体尺寸缩小。

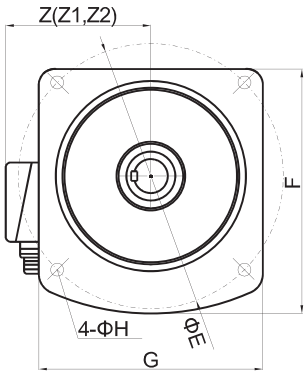
A1、M1、Z1 are size of 3 phase motor;A2、M2、Z2 are size of single phase motor; A3 is size of 3 phase motor with brake.

AC 100W-7500W

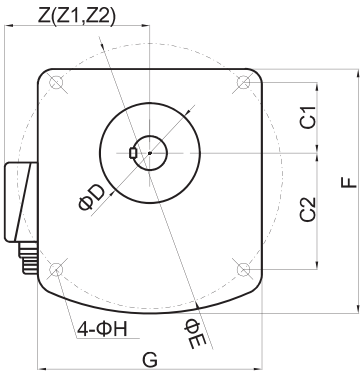
中型减速电机
MEDIUM GEAR REDUCERS

▶ Vertical with three phase, single phase aluminum housing (brake) gear motor





标准 : A-出力法兰
A-Output Flange



B-出力法兰（18、22 轴选配）
B-Output Flange

备注 NOTE：
1、1#本体（型号为18）C1为33.5，C2为65.5
2、2#本体（型号为22）C1为40，C2为80

SIZE OF SHAFT					
OUTPUT SHAFT		KEYWAY			KEY
Sh6	P	W	T	Q	SPEC
ϕ18	30	5	20	25	5*5*25
ϕ22	40	7	25	35	7*7*35
ϕ28	45	7	31	40	7*7*40
ϕ32	55	10	35.5	50	10*8*50
ϕ40	65	10	43.5	60	10*8*60
ϕ50	80	14	54	75	14*9*75

POWER	REDUCTION RATIO	本体	MODEL	A1	A2	A3	D	E	F	G	H	L	J	K	M1	M2	Y	Z1	Z2	WEIGHT (SHAFT)
100W 1/8HP	3-50	1#	*18	253	273	257	50	140	120	120	9	12	16	38	127	127	5	116	116	5.3
	60-200	2#	22	287	307	291	148	185	170	156	11	12	18.2	49	127	127	3.5	116	116	6.9
	60-200	2#	*22	287	307	291	55	170	146	146	11	12	18.2	49	127	127	3.5	116	116	6.7
200W 1/4HP	3-10	1#	*18	273	293	277	50	140	120	120	9	12	16	38	127	127	5	116	116	6.9
	15-90	2#	22	307	327	331	148	185	170	156	11	12	18.2	49	127	127	3.5	116	116	8.6
	15-90	2#	*22	307	327	311	55	170	146	146	11	12	18.2	49	127	127	3.5	116	116	8.6
	100-200	3#	28	333	353	337	170	220	195	180	11	15	20.8	57	127	127	4	116	116	11
400W 1/2HP	3-10	2#	22	327	346	331	148	185	170	156	11	12	18.2	49	127	159	3.5	116	133	11
	3-10	2#	*22	327	346	331	55	170	146	146	11	12	18.2	49	127	127	3.5	116	133	11
	15-90	3#	28	353	372	357	170	220	195	180	11	15	20.8	57	127	159	4	116	133	14
	100-200	4#	32	388	407	392	185	255	237	215	13	17	30.2	67	127	159	4	116	133	19.4
750W 1HP	3-25	3#	28	382	415	382	170	220	195	180	11	15	20.8	57	159	190	4	133	145	15
	30-120	4#	32	417	449	417	185	255	237	215	13	17	30.2	67	159	190	4	133	145	21.4
	130-200	5#	40	444	476	444	230	310	300	275	15	20	42.2	79	159	190	5	133	145	42
1500W 2HP	4-25	4#	32	449		470	185	255	237	215	13	17	30.2	67	190		4	145		27.4
	30-120	5#	40	476		497	230	310	300	275	15	20	42.2	79	190		5	145		47
	130-200	6#	50	517		538	280	390	360	330	19	20	51.7	90	190		5	145		52
2200W 3HP	3-60	5#	40	482		508	230	310	300	275	15	20	42.2	79	217		5	153		48
	70-200	6#	50	523		549	280	390	360	330	19	20	51.7	90	217		5	153		55
3700W 5HP	3-10	5#	40	498		524	230	310	300	275	15	20	42.2	79	217		5	153		50
	15-180	6#	50	539		565	280	390	360	330	19	20	51.7	90	217		5	153		57

▪ A1、M1、Z1为三相马达尺寸。▪ A2、M2、Z2为单相马达尺寸。 ▪ A3为三相带刹车马达尺寸。

▪ 缩框尺寸上移一个规格；如 28 轴缩框尺寸为 22 轴，整体尺寸缩小。

A1、M1、Z1 are size of 3 phase motor;A2、M2、Z2 are size of single phase motor; A3 is size of 3 phase motor with brake.