

# CH、CV 系列齿轮减速机

## CH、CV SERIES GEAR REDUCER



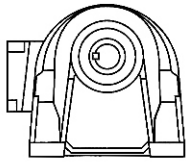
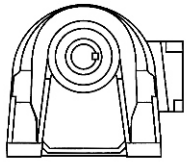
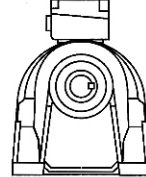
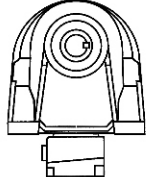
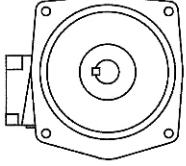
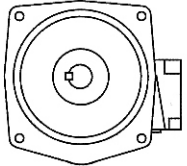
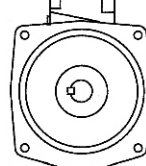
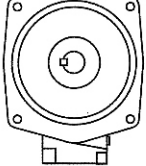


















订购方式  
Designation



- |   |  |
|---|--|
| <p><b>1</b> 机型代号 TYPES : CH , CV , CHM , CVM , CHD , CVD</p> <p><b>2</b> 马力 CAPACITY : 100W - 3700W</p> <p><b>3</b> 减速比 RATIO : 3 , 5 , 10 ... 1800</p> <p><b>4</b> S: 附三相马达 220,380V/50,60HZ-3 PHASE<br/>         K: 附三相马达 220,440V/50,60HZ-3 PHASE<br/>         A: 附单相电容马达 110,220V/50,60HZ-1 PHASE<br/>         AV: 附单相离心马达 110,220V/50,60HZ-1 PHASE<br/>         L: DC直流马达 DC-MOTOR<br/>         P: 东元铁壳三相马达 TECD 3-PHASE STEEL PLATE MOTOR<br/>         Z: 缩框机型 LIGHT DUTY TYPE<br/>         □: 铝合金马达 ALUMINUM MOTOR<br/>         T: 铁壳马达 STEEL PLATE MOTOR<br/>         F: 法兰修平面 FLANGE WITH FLAT SURFACE<br/>         Q1: 110V强制风扇 EXTERNAL FAN 110V<br/>         Q2: 220V强制风扇 EXTERNAL FAN 220V</p> | <p><b>5</b> B: DC90V安全刹车器 BRAKE UNIT<br/>         YB:手释放刹车器 WITH RELEASE BRAKE UNIT<br/>         D: DC24V送电刹车器 DC24V BRAKE<br/>         W: 蜗轮减速机 WORM GEAR REDUCER</p> <p><b>6</b> 依出力轴看配线盒方向<br/>         VIEW FROM OUTPUT SHAFT<br/>         G1: 左方向 LEFT(标准型)(STD)<br/>         G2: 右方向 RIGHT<br/>         G3: 上方向 UPPER<br/>         G4: 下方向 LOWER</p> <p><b>7</b> 入线口方向 WIRE INLET<br/>         T: 向上 TOP<br/>         D: 向下 DOWN<br/>         F: 向前 FORWARD<br/>         B: 向后 BACK<br/>         L: 向左 LEFT<br/>         R: 向右 RIGHT</p> |
|---|--|

配线盒方向选定 ( TERMINAL BOX DIRECTION )

TYPE	G1-左方向 LEFT SIDE	G2-右方向 RIGHT SIDE	G3-上方向 UPPER SIDE	G4-下方向 LOWER SIDE
CH型 CH TYPE	 G1	 G2	 G31	 G4
CV型 CV TYPE	 G1	 G2	 G31	 G4
入线口方向 WIRE INLET DIRECTION	 LD  LT	 RD  RT	 TL  TR	 DL  DR
	 LF  LB	 RF  RB	 TF  TB	 DF  DB



输出扭矩表 Output torque

标准型(Normal duty type)

km·g

减速比 RATIO	输出转数 OUTPUT R.P.M.		输出扭矩 OUTPUT TORQUE													
			0.1KW		0.2KW		0.4KW		0.75KW		1.5KW		2.2KW		3.7KW	
	HZ															
	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60
3	500	600	0.19	0.16	0.37	0.31	0.7	0.6	1.3	1.1	2.6	2.2	3.8	3.2	6.0	5.5
5	300	360	0.31	0.26	0.62	0.52	1.2	1.0	2.2	1.9	4.5	3.8	6.72	5.6	11.0	10.0
10	150	180	0.62	0.52	1.24	1.04	2.4	2.0	4.5	3.8	9.1	7.6	13.7	11.2	22.0	20.0
15	100	120	0.91	0.76	1.8	1.5	3.6	3.0	6.8	5.7	13.5	11.3	20.1	16.8	32.6	29.8
20	75	90	1.2	1.0	2.4	2.0	4.8	4.0	9.0	7.5	18.1	15.1	26.8	22.4	43.6	36.0
25	60	72	1.4	1.2	3.0	2.5	6.0	5.0	11.2	9.4	22.6	18.9	33.6	28.0	53.9	49.53
30	50	60	1.8	1.5	3.6	3.0	7.2	6.0	13.5	11.3	27.1	22.6	40.3	33.6	64.7	58.8
40	37	45	2.2	1.9	4.6	3.9	9.3	7.8	17.5	14.6	34.9	29.1	52.0	43.4	86.3	78.4
45	33	40	2.7	2.2	5.4	4.4	10.9	9.10	20.6	17	41.1	34	59.8	49.6	98.5	81.7
50	30	36	2.8	2.4	5.7	4.8	11.6	9.7	21.9	18.3	43.6	36.4	65.1	54.3	107	97.0
60	25	30	3.4	2.9	6.9	5.8	13.9	11.6	26.2	21.9	52.4	43.7	78.1	65.1	127	115
70	21	25	4.3	3.6	8.0	6.8	16.2	13.5	31.5	26.3	62.4	52.0	92.5	77.1		
80	19	23	4.8	4.0	9.2	7.7	18.4	15.4	35.5	29.6	70.8	59.0	105	87.5		
90	17	20	5.2	4.4	10.3	8.6	20.7	17.3	39.3	32.8	77.1	64.3	113	94.3		
100	15	18	5.8	4.9	11.5	9.6	23.0	19.2	43.2	36.0	83.7	69.8	126	105		
120	12	15	6.9	5.8	13.8	11.5	27.7	23.1	51.8	43.2	101	83.7				
140	11	13	8.0	6.7	16.0	13.4	32.0	26.7	59.7	49.8	116	96.8				
160	9	11	9.1	7.6	18.3	15.3	36.3	30.3	68.0	56.7	132	110				
180	8	10	10.3	8.6	20.7	17.3	40.8	34.0	76.8	64.0	148	123				
200	7	9	11.6	9.7	22.9	19.1	43.2	36.0	82.8	69.0						

1km·g=9.8N.m



马达规范 Motor specification

标准马达规范表 Standard motor specification

项目 Item	三相交流马达 3-Phase motor				单相交流马达 1-Phase motor			
保护等级 Protection	全密闭外扇型 IP-54 Totally enclosed fan cooled type				半密闭外扇型 Semi-enclosed fan cooled type			
外壳材质 Housing material	0.1~3.7 KW	铝合金 Alum alloy			0.1~1.5 KW	铁壳 Steel plate		
	0.1~3.7 KW	铁壳 Steel plate			0.1~1.5 KW (Optional)	铝合金 Alum alloy		
启动方式 Starting	全压启动 Direct start				0.1~0.2 KW	运转电容启动 Capacitor		
					0.4~1.5 KW	起动电容启动+离心开关		
定格 Time rating	连续运转 Continuous running				连续运转 Continuous running			
绝缘等级 Insulation	F~ 绝缘 F~Class				F~ 绝缘 F~Class			
适用环境 Environment	温度: -10℃ To + 40℃ (Temperature between -10℃ To + 40℃ ) 湿度: 90%以下(Humidity less than 90%)							
适用电压 Voltage	50HZ	220V.230V.240V.380V 400V.415V.440			50HZ	110V.115V.200V.220V.230V		
	60HZ	220V.240V.380V.415V 440V.460V.480V.600V			60HZ	110V.220V.240V		
适用极数 Pole	2P.4P.6P.8P				4P			
输出转速(4P) Full speed	50HZ	1340~1400 RPM			50HZ	1360~1430 RPM		
	60HZ	1610~1740 RPM			60HZ	1640~1720 RPM		
依据标准 Standard	国际/国家标准 IEC-34, CNS-10919 According to IEC-34.CNS-10919							
海拔 Sea level	1000公尺 UNDER 1000 M							
接线盒 Terminal box	采用IP55级防水型铝合金接线盒 With IP-55 Class water-proof aluminum terminal bos							

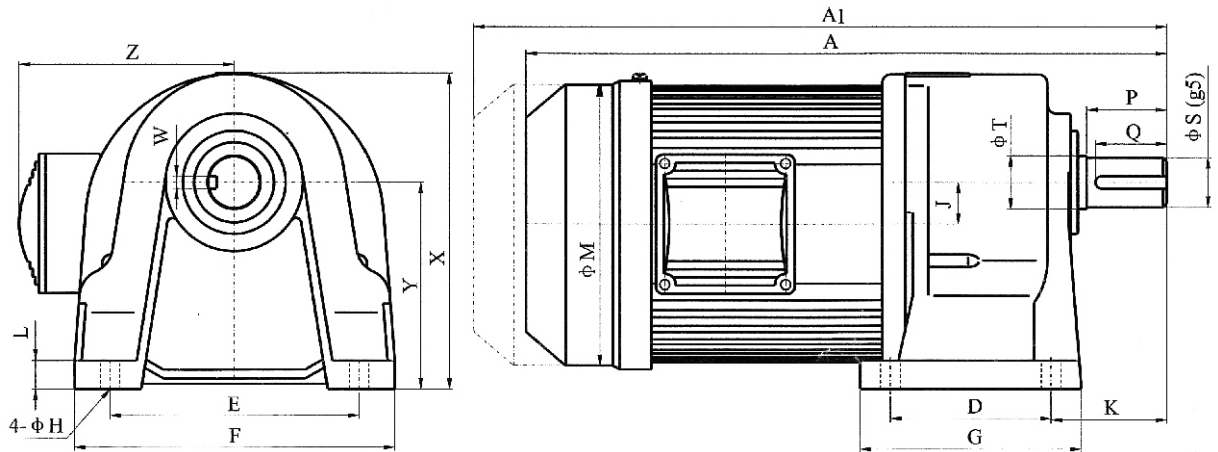
三相电压全负载电流值 3-Phase/4-poles full load ampere

输出马力 Capacity	50 HZ-4P					60 HZ				
	220V	380V	415V	440V	RPM	220V	380V	440V	460V	RPM
100W	0.60	0.40	0.32	0.30	1410	0.6	0.40	0.30	0.29	1720
200W	1.15	0.67	0.70	0.58	1410	1.1	0.63	0.55	0.52	1720
400W	2.14	1.24	1.13	1.07	1420	1.9	1.10	0.95	0.91	1730
750W	3.67	2.13	1.94	1.84	1420	3.4	1.96	1.70	1.63	1730
1500W	6.59	3.82	3.49	3.30	1430	6.1	3.53	3.05	2.92	1740
2200W	8.94	5.18	4.74	4.47	1430	8.7	5.04	4.35	4.16	1725
3700W	13.85	8.03	7.34	6.93	1440	13.5	7.82	6.75	6.46	1745



■ CH、CV系列减速机

▲ CH系列命名, 外形及安装尺寸表

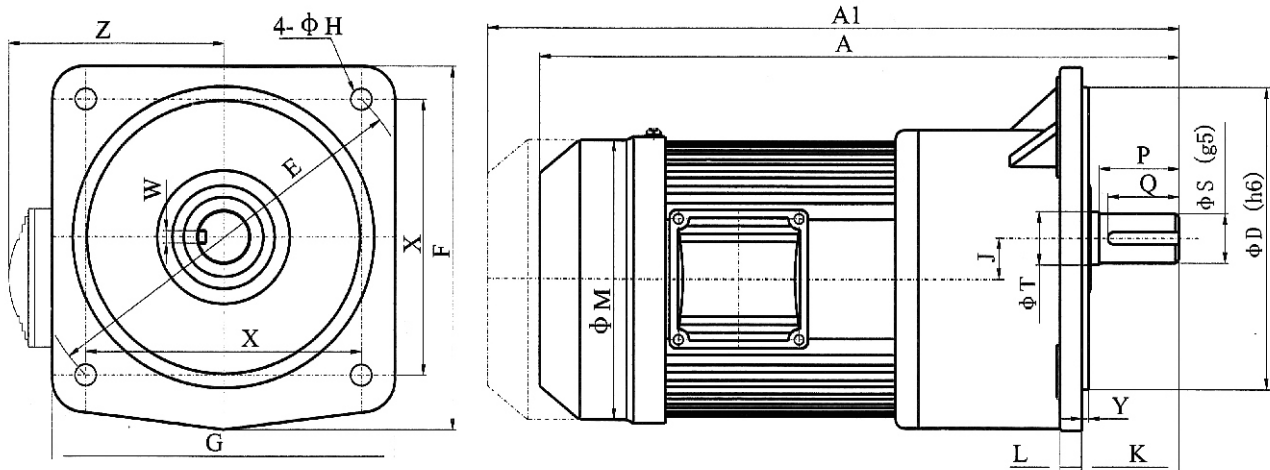


功率	减速比	机型	A1	A	D	E	F	G	H	L	J	K	M	X	Y	Z	输出轴				
																	P	Q	S	T	W
100W	3-50	18	326	286	40	110	135	65	10	11	15.98	52	127	128	85	106	30	27	18	20	5
	60-200	22	354	314	65	130	158	93	11	12	17.66	60	127	153	97.5	106	40	35	22	25	7
200W	3-25	18	326	286	40	110	135	65	10	11	15.98	52	127	128	85	106	30	27	18	20	5
	30-100	22	354	314	65	130	158	93	11	12	17.66	60	127	153	97.5	106	40	35	22	25	7
400W	120-200	28	378	338	90	140	180	124	11	16	23.11	65	127	177	116	106	45	40	28	30	7
	3-25	22	386	336	65	130	158	93	11	12	17.66	60	160	153	97.5	121	40	35	22	25	7
	30-90	28	410	360	90	140	180	124	11	16	23.11	65	160	177	116	121	45	40	28	30	7
750W	100-200	32	437	387	130	170	213	160	13	20	30.22	76	160	204	138.5	121	55	50	32	35	10
	3-25	28	430	380	90	140	180	124	11	16	23.11	65	160	177	116	121	45	40	28	30	7
	30-100	32	457	407	130	170	213	160	13	20	30.22	76	160	204	138.5	121	55	50	32	35	10
1500W	120-200	40	495	445	150	210	260	190	15	21	37.96	85	160	250	160	121	65	60	40	45	10
	3-30	32	500	445	130	170	213	160	13	20	30.22	76	193	204	138.5	138	55	50	32	35	10
	40-100	40	535	480	150	210	260	190	15	21	37.96	85	193	250	160	138	65	60	40	45	10
2200W	120-200	50	610	555	170	265	330	230	19	33	51	118	193	320	202	138	80	75	50	55	14
	3-10	32	525	475	130	170	213	160	13	20	30.22	76	193	204	138.5	138	55	50	32	35	10
	15-60	40	565	510	150	210	260	190	15	21	37.96	85	193	250	160	138	65	60	40	45	10
3700W	80-100	50	635	580	170	265	330	230	19	33	51	118	193	320	202	138	80	75	50	55	14
	3-20	40	580	525	150	210	260	190	15	21	37.96	85	230	250	160	170	65	60	40	45	10
	25-60	50	650	595	170	265	330	230	19	33	51	118	230	320	202	170	80	75	50	55	14

说明：A1为电机带刹车时的总长度



▲ CV系列命名, 外形及安装尺寸表



功率	减速比	机型	A1	A	D	E	F	G	H	L	J	K	M	X	Y	Z	输出轴				
																	P	Q	S	T	W
100W	3-50	18	326	286	100	140	120	120	9	12	15.98	40	127	99	3	106	30	27	18	20	5
	60-200	22	354	314	148	185	173	163	11	12	17.66	48	127	131	3	106	40	35	22	25	7
200W	3-25	18	326	286	100	140	120	120	9	12	15.98	40	127	99	3	106	30	27	18	20	5
	30-100	22	354	314	148	185	173	163	11	12	17.66	48	127	131	3	106	40	35	22	25	7
400W	120-200	28	378	338	170	220	205	193	12	13	23.11	55	127	155.5	4	106	45	40	28	30	7
	3-25	22	386	336	148	185	173	163	11	12	17.66	48	160	131	3	121	40	35	22	25	7
750W	30-90	28	410	360	170	220	205	193	12	13	23.11	55	160	155.5	4	121	45	40	28	30	7
	100-200	32	437	387	185	255	238	216	13	16	30.22	70	160	180	4	121	55	50	32	35	10
1500W	3-25	28	430	380	170	220	205	193	12	13	23.11	55	160	155.5	4	121	45	40	28	30	7
	30-100	32	457	407	185	255	238	216	13	16	30.22	70	160	180	4	121	55	50	32	35	10
2200W	120-200	40	495	445	230	310	295	270	15	21	37.96	81	160	219	5	121	65	60	40	45	10
	3-30	32	500	445	185	255	238	216	13	16	30.22	70	193	180	4	138	55	50	32	35	10
3700W	40-100	40	535	480	230	310	295	270	15	21	37.96	81	193	219	5	138	65	60	40	45	10
	120-200	50	610	555	280	390	360	335	19	21	51	90.5	193	276	5	138	80	75	50	55	14
2200W	3-10	32	525	475	185	255	238	216	13	16	30.22	70	193	180	4	138	55	50	32	35	10
	15-60	40	565	510	230	310	295	270	15	21	37.96	81	193	219	5	138	65	60	40	45	10
3700W	80-100	50	635	580	280	390	360	335	19	21	51	90.5	193	276	5	138	80	75	50	55	14
	3-20	40	580	525	230	310	295	270	15	21	37.96	81	230	219	5	170	65	60	40	45	10
3700W	25-60	50	650	595	280	390	360	335	19	21	51	90.5	230	276	5	170	80	75	50	55	14

说明: A1为电机带刹车时的总长度