

Soft Start Reduce Motor 緩衝減速馬達

Professional manufacture of full series motors with light ,good-looking , high quality and long service life

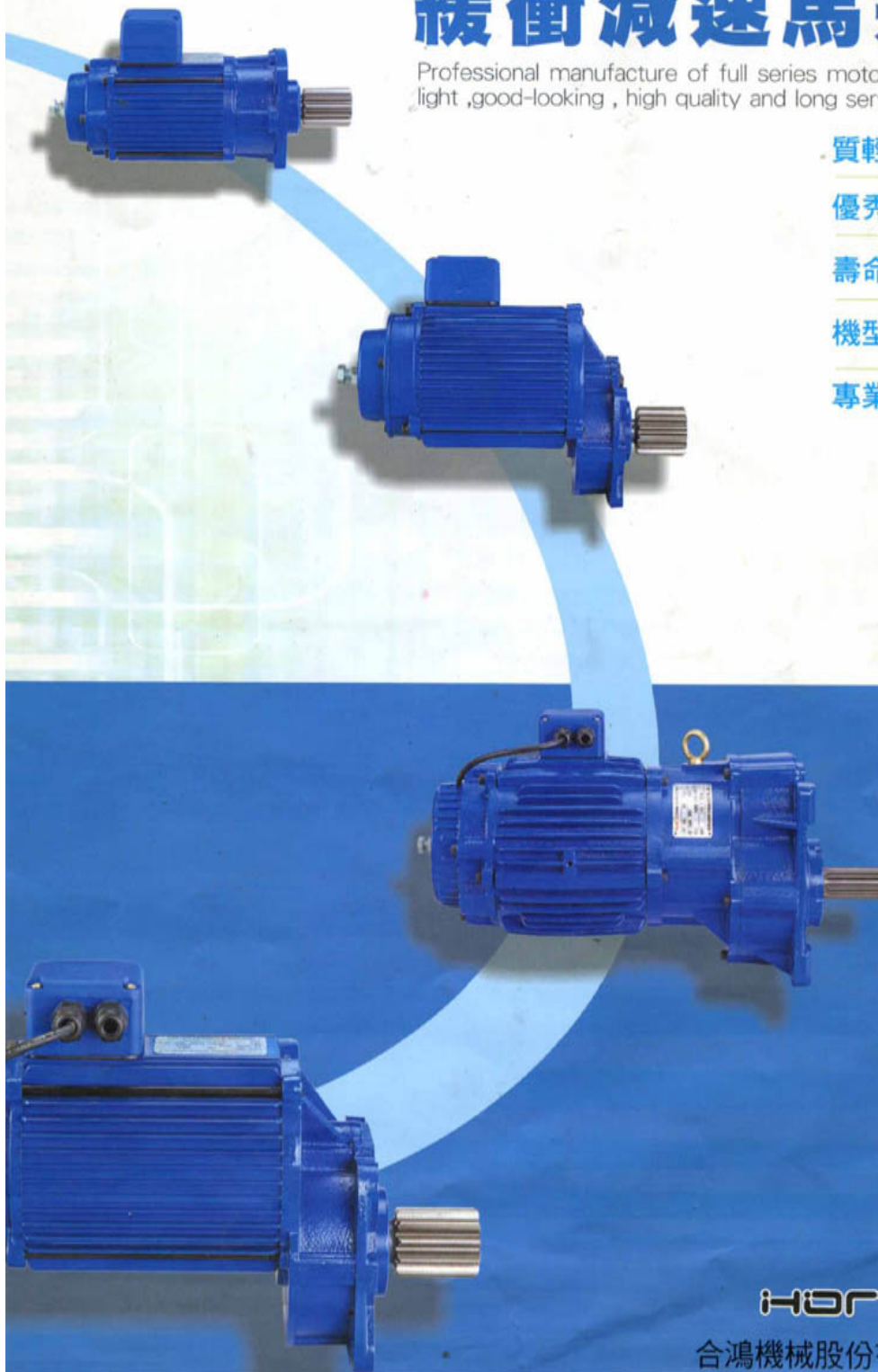
質輕美觀

優秀品質

壽命長久

機型齊全

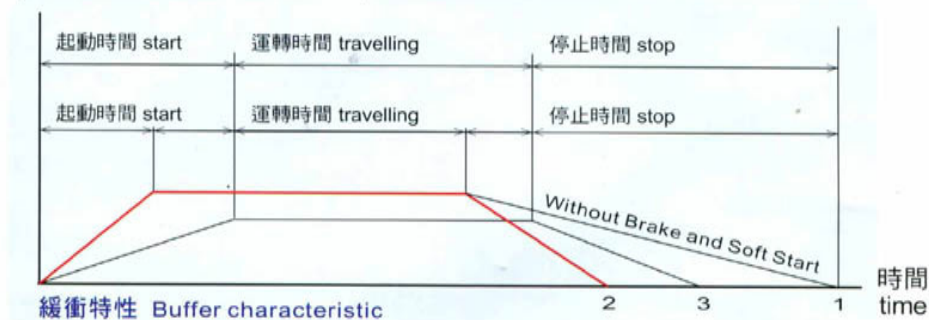
專業生產



Horin

合鴻機械股份有限公司

速度
speed



- ① Without Brake and Soft Start
- ② With Brake Without Soft Start
- ③ With Brake and Soft Start

特性

1. 質輕美觀：馬達外殼由鋁合金製成，散熱性良好，重量輕外表美觀。
2. 精密齒輪：採用合金鋼材質，並經淬火處理，研磨齒輪行走時聲音靜。
3. 緩衝器：其效果能增加減速機之使用壽命並使減速機運轉時無強大之衝擊力。
4. IP54馬達：高性能啟動轉矩，散熱好，體積小電流輕，可長時間使用。
5. 電磁煞車：直接式電磁剎車，制動力易於調整

◎ 代號說明：C075 S P4-60-220-M4X10L

機型 / C 馬力 / 075 緩衝 / S 極數 / P4 頻率 / 60 電壓 / 220
模數 / M4 齒數 / 10 低速度 / L 高速 / H 變極 / C₂ C₃ 無緩衝 / N

Characteristics

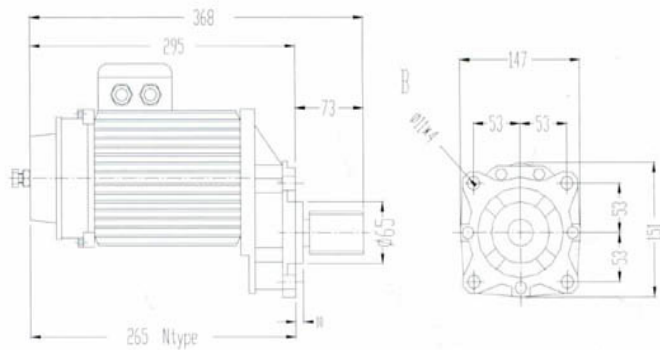
1. light weight and good looking: the motor case is made by aluminum alloy with good thermal diffusivity and aesthetic out-looking.
2. precision gear: the gear is made by steel alloy, with quench and grinding processed, moves quietly.
3. buffer: the buffer can make the speed reducer operate without strong impact thus increase its service life.
4. IP54 motor: high starting torque, good thermal diffusivity, small size, low current, and high durability.
5. electro-magnetic brake: the driving force of the direct type electro-magnetic brake can be easily adjusted.

◎ Definition of the code : C075 S P4-60-220-M4X10L

type / C horse power / 075 with buffer / S number of poles / P4
frequency / 60 voltage / 220 modulus / M4 number of keys / 10
low speed / L high speed / H variant polarities / C₂ C₃ without buffer / N

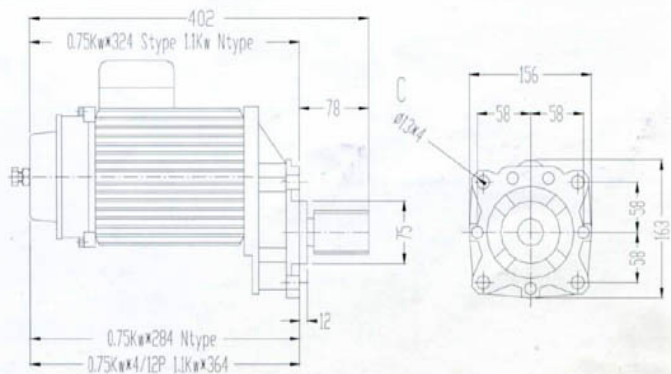
TYPE / B

TYPE	KW	P	VOLTAGE	RATIO	50HZ	60HZ	G	WEIGHT
B040P4S B040P4N	0.4	4	220-600	8.5	176	211	M3 M3.5	21.5 17.5
B030P6S B030P6N	0.3	6	220-600	8.5	118	141	M3 M3.5	21.5 17.5
B020P8S B020P8N	0.2	8	220-600	8.5	88	105	M3 M3.5	21.5 17.5
B020C2S B020C2N	0.2/0.1	4*8	220-600	8.5	176/88	211/105	M3 M3.5	21.5 17.5
B020C3S B020C3N	0.2/0.07	4*12	220-600	8.5	176/59	211/70	M3 M3.5	21.5 17.5
B040C2S B040C2N	0.4/0.23	4*8	220-600	8.5	176/59	211/32	M3 M3.5	22.5 18.5
B040C3S B040C3N	0.4/0.13	4*12	220-600	8.5	176/59	211/32	M3 M3.5	22.5 18.5



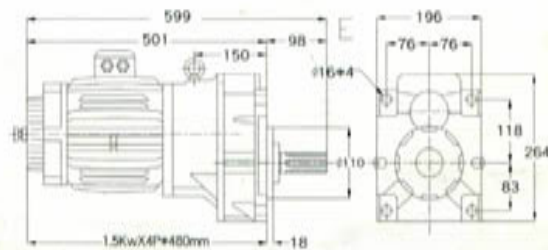
TYPE / C

TYPE	KW	P	VOLTAGE	RATIO	50HZ	60HZ	G	WEIGHT
C075P4S C075P4N	0.75	4	220-600	7.7	192	230	M3 M3.5 M4	27 21
C060P6S C060P6N	0.6	6	220-600	7.7	128	153	M3 M3.5 M4	27 21
C110P4S C110P4N	1.1	4	220-600	7.7	192	230	M3 M3.5 M4	31 27
C075P6S C075P6N	0.75	6	220-600	7.7	128	153	M3 M3.5 M4	31 27
C040P8S C040P8N	0.38	8	220-600	7.7	96	115	M3 M3.5 M4	27 21
C055P8S C055P8N	0.55	8	220-600	7.7	96	115	M3 M3.5 M4	31 27
C040C2S C040C2N	0.4*0.2	4*8	220-600	7.7	192/96	230/115	M3 M3.5 M4	27 21
C040C3S C040C3N	0.4*0.13	4*12	220-600	7.7	192/64	230/77	M3 M3.5 M4	27 21
C060C2S C060C2N	0.6*0.3	4*8	220-600	7.7	192/96	230/115	M3 M3.5 M4	31 27
C060C3S C060C3N	0.6*0.2	4*12	220-600	7.7	192/64	230/77	M3 M3.5 M4	31 27
C075C2S C075C2N	0.75*0.38	4*8	220-600	7.7	192/96	230/115	M3 M3.5 M4	35 29
C075C3S C075C3N	0.75*0.25	4*12	220-600	7.7	192/64	230/77	M3 M3.5 M4	35 29
C110C2S C110C2N	1.1/0.55	4*8	220-600	7.7	192/96	230/115	M3 M3.5 M4	38 32
C110C3S C110C3N	1.1/0.37	4*12	220-600	7.7	192/64	230/77	M3 M3.5 M4	38 32



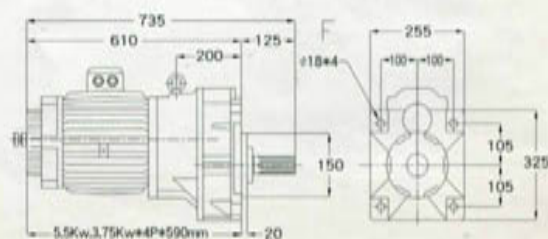
TYPE / E

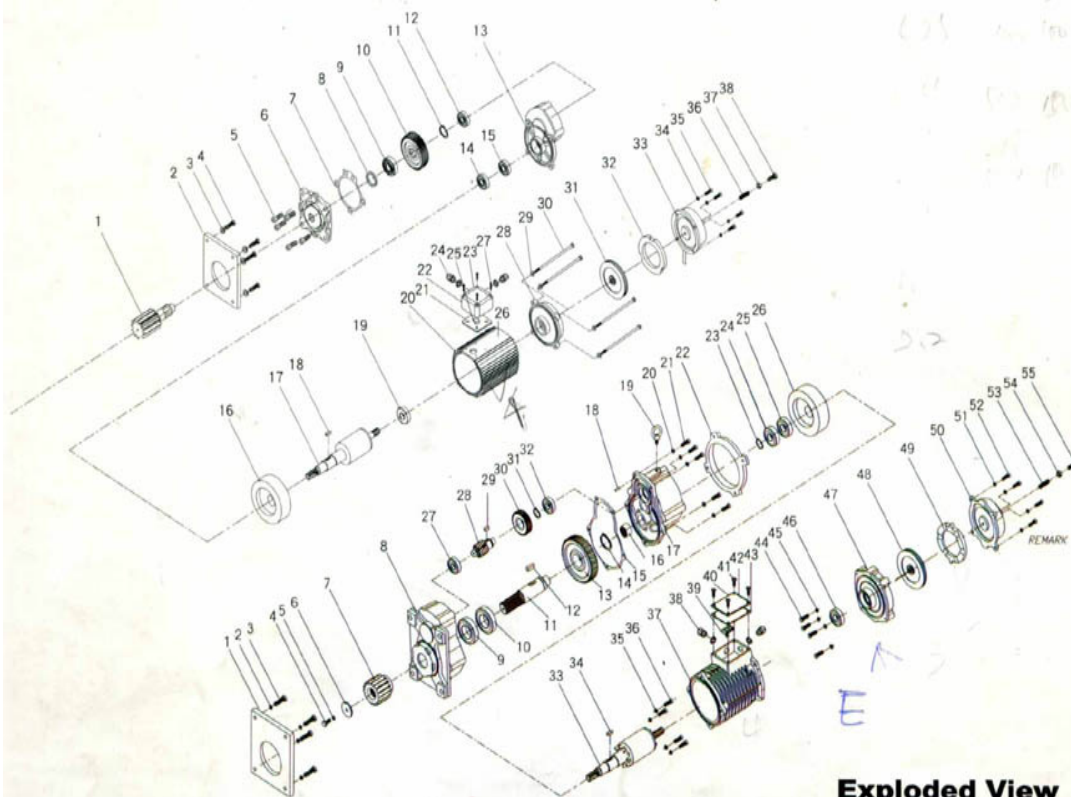
TYPE	KW	P	VOLTAGE	RATIO	50HZ	60HZ	G	WEIGHT
E110P4LS E110P4HS	1.1	4	220-600	16 11.5	91/127	109/153	M4 M5 M6	58
E075P6LS E075P6HS	0.75	6	220-600	16 11.5	61/85	73/102	M4 M5 M6	58
E150P4LS E150P4HS	1.5	4	220-600	16 11.5	91/127	109/153	M4 M5 M6	66
E110P6LS E110P6HS	1.1	6	220-600	16 11.5	61/85	73/102	M4 M5 M6	66
E220P4LS E220P4HS	2.2	4	220-600	16 11.5	91/127	109/153	M4 M5 M6	82
E150P6LS E150P6HS	1.5	6	220-600	16 11.5	61/85	73/102	M4 M5 M6	82
E060C2LS E060C2HS	0.6±0.3	4*8	220-600	16 11.5	91/45-127/63	109/55-153/76	M4 M5 M6	58
E060C3LS E060C3HS	0.6±0.2	4*12 2*6	220-600	16 11.5	91/30-127/42	109/36-153/51	M4 M5 M6	58
E075C2LS E075C2HS	0.75±0.38	4*8	220-600	16 11.5	91/45-127/63	109/55-153/76	M4 M5 M6	66
E075C3LS E075C3HS	0.75±0.25	4*12 2*6	220-600	16 11.5	91/30-127/42	109/36-153/51	M4 M5 M6	66
E150C2LS E150C2HS	1.5±0.75	4*8	220-600	16 11.5	91/45-127/63	109/55-153/76	M4 M5 M6	82
E150C3LS E150C3HS	1.5±0.5	4*12 2*6	220-600	16 11.5	91/30-127/42	109/36-153/51	M4 M5 M6	82
E220C2LS E220C2HS	2.2±1.1	4*8	220-600	16 11.5	91/45-127/63	109/55-153/76	M4 M5 M6	95
E220C3LS E220C3HS	2.2±0.75	4*12 2*6	220-600	16 11.5	91/30-127/42	109/36-153/51	M4 M5 M6	95
E300P4LS E300P4HS	3	4	220-600	16 11.5	61/85	73/102	M4 M5 M6	92
E220P6LS E220P6HS	2.2	6	220-600	16 11.5	91/127	109/153	M4 M5 M6	92



TYPE / F

TYPE	KW	P	VOLTAGE	RATIO	50HZ	60HZ	G	WEIGHT
F375P4LS F375P4HS	3.75	4	220-600	18.5 12	79/123	95/147	M4 M5 M6	110
F220P6LS F220P6HS	2.2	6	220-600	18.5 12	53/82	63/98	M4 M5 M6	110
F550P4LS F550P4HS	5.5	4	220-600	18.5 12	79/123	95/147	M4 M5 M6	139
F375P6LS F375P6HS	3.75	6	220-600	18.5 12	53/82	63/98	M4 M5 M6	139
F750P4LS F750P4HS	7.5	4	220-600	18.5 12	79/123	95/147	M4 M5 M6	148
F550P6LS F550P6HS	5.5	6	220-600	18.5 12	53/82	63/98	M4 M5 M6	148
F220C2LS F220C2HS	2.2±1.1	4*8	220-600	18.5 12	79/39-123/62	95/47-147/73	M4 M5 M6	110
F220C3LS F220C3HS	2.2±0.75	4*12 2*8	220-600	18.5 12	79/26-123/41	95/32-49/24	M4 M5 M6	110
F300C2LS F300C2HS	3±1.5	4*8	220-600	18.5 12	79/39-123/62	95/47-147/73	M4 M5 M6	139
F300C3LS F300C3HS	3±1	4*12 2*6	220-600	18.5 12	79/26-123/41	95/32-49/24	M4 M5 M6	139
F375C2LS F375C2HS	3.75±1.8	4*8	220-600	18.5 12	79/39-123/62	95/47-147/73	M4 M5 M6	148
F375C3LS F375C3HS	3.75±1.25	4*12 2*6	220-600	18.5 12	79/26-123/41	95/32-49/24	M4 M5 M6	148





Exploded View

DESCRIPTION	QTY	DESCRIPTION	QTY	DESCRIPTION	QTY	DESCRIPTION	QTY
1. PINION-SHAFT	1	11. GEAR RING	1	21. GASKET	1	31. BRAKE LINING	1
2. PLATE	1	12. BALL BEARING	1	22. ALUMINIUM BOX	1	32. FRICTION DISC	1
3. SPRING LOCK WASHER	4	13. GEAR CASE B	1	23. ALUMINIUM COVER	1	33. BRAKE COVER	1
4. HEX-BOLT	4	14. BALL BEARING	1	24. CABLE GLAND	2	34. SPRING LOCK WASHER	3
5. HEX-SOCKET CAP BOLT	5	15. BALL BEARING	1	25. DIODE	1	35. HEX-SOCKET CAP BOLT	3
6. GEAR CASE A	1	16. FLY WHEEL	1	26. NAME PLATE	1	36. BRAKE SPRING	1
7. PAPER SLICE	1	17. ROTOR + 1 ST PINION	1	27. HEX-SOCKET CAP BOLT	4	37. TORQUE ADJUSTING NUT	1
8. BUSH	1	18. ROTOR + 1 ST PINION KEY	1	28. MOTOR COVER FOR BRAKE	1	38. TORQUE ADJUSTING BOLT	1
9. BALL BEARING	1	19. BALL BEARING	1	29. SPRING LOCK WASHER	4		
10. 1 ST GEAR	1	20. MOTOR HOUSING	1	30. HEX-SOCKET CAP BOLT	4		

DESCRIPTION	QTY	DESCRIPTION	QTY	DESCRIPTION	QTY	DESCRIPTION	QTY
1. PLATE	1	15. PAPER SLICE	1	29. KEY	1	43. PAPER SLICE	1
2. SPRING LOCK WASHER	4	16. LONG ROLLER BEARING	1	30. 1 ST GEAR	1	44. HEX-SOCKET CAP BOLT	4
3. HEX BOLT	4	17. GEAR CASE B	1	31. 1 ST PINION RING	1	45. SPRING LOCK WASHER	4
4. TORQUE ADJUSTING BOLT	1	18. PIN	1	32. BALL BEARING	1	46. BALL BEARING	1
5. SPRING LOCK WASHER	1	19. EYEBOLT	1	33. ROTOR + 1 ST SHAFT	1	47. MOTOR COVER FOR BRAKE	1
6. WASHER	1	20. SPRING LOCK WASHER	5	34. ROTOR + 1 ST SHAFT KEY	1	48. BRAKE LINING	1
7. DUT-PUT GEAR	1	21. HEX-SOCKET CAP BOLT	5	35. SPRING LOCK WASHER	4	49. FRICTION DISC	1
8. GEAR CASE A	1	22. CONNECT PLATE	1	36. HEX-SOCKET CAP BOLT	4	50. BRAKE COVER	1
9. BALL BEARING 6209ZZ	1	23. SHAFT RETAINING RING	1	37. MOTOR HOUSING	1	51. SPRING LOCK WASHER	4
10. BALL BEARING 6209ZZ	1	24. BALL BEARING	1	38. PLASTIC BOLT + NUT	2	52. HEX-SOCKET CAP BOLT	4
11. DUT-PUT SHAFT	1	25. BALL BEARING	1	39. DIODE	1	53. BRAKE SPRING	1
12. KEY	1	26. FLY WHEEL	1	40. HOUSING TOP COVER	1	54. TORQUE ADJUSTING NUT	1
13. 2 ND GEAR	1	27. BALL BEARING	1	41. COVER BOLT	4	55. TORQUE ADJUSTING BOLT	1
14. DUT-PUT SHAFT RING	1	28. 1 ST PINION	1	42. NAME PLATE	1		