WINSTONE MOTORS

Industrial Motors & Drives

304 MODELS / MOTORS · TRANSMISSION · MOTION CONTROL



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Range at a glance

Motors and motion control

AC induction motors

24 models

DC servo motors

24 models

Planetary gearboxes

12 models

Stepper & integrated motors

92 models

AC & integrated servo motors

64 models

Vector frequency drives

28 models

Stepper & servo drives

60 models



Compare power, torque, speed, voltage and command interfaces by model.

Models and technical specifications

2-pole induction motors



MODEL SERIES

YE3

3PH / 50 Hz / IP55

4 MODELS · SPECIFICATIONS

Model	kW	A	rpm	V
YE3-80M1-2 Poles 2 | 50 Hz | IP55	0.75	1.7	2845	380
YE3-80M2-2 Poles 2 | 50 Hz | IP55	1.1	2.4	2840	380
YE3-90S-2 Poles 2 | 50 Hz | IP55	1.5	3.2	2840	380
YE3-90L-2 Poles 2 | 50 Hz | IP55	2.2	4.6	2840	380

2-pole induction motors



MODEL SERIES

YE3

3PH / 50 Hz / IP55

4 MODELS · SPECIFICATIONS

Model	kW	A	rpm	V
YE3-100L-2 Poles 2 | 50 Hz | IP55	3	6.0	2860	380
YE3-112M-2 Poles 2 | 50 Hz | IP55	4	7.8	2890	380
YE3-112L-2 Poles 2 | 50 Hz | IP55	5.5	10.6	2890	380
YE3-132S1-2 Poles 2 | 50 Hz | IP55	5.5	10.6	2910	380

4-pole induction motors



MODEL SERIES

YE3

3PH / 50 Hz / IP55

4 MODELS · SPECIFICATIONS

Model	kW	A	rpm	V
YE3-80M1-4 Poles 4 | 50 Hz | IP55	0.55	1.4	1380	380
YE3-80M2-4 Poles 4 | 50 Hz | IP55	0.75	1.8	1380	380
YE3-90S-4 Poles 4 | 50 Hz | IP55	1.1	2.6	1390	380
YE3-90L-4 Poles 4 | 50 Hz | IP55	1.5	3.5	1390	380

4-pole induction motors



MODEL SERIES

YE3

3PH / 50 Hz / IP55

4 MODELS · SPECIFICATIONS

Model	kW	A	rpm	V
YE3-100L1-4 Poles 4 | 50 Hz | IP55	2.2	4.8	1410	380
YE3-100L2-4 Poles 4 | 50 Hz | IP55	3	6.3	1410	380
YE3-112M-4 Poles 4 | 50 Hz | IP55	4	8.4	1440	380
YE3-112L-4 Poles 4 | 50 Hz | IP55	5.5	11.2	1440	380

Models and technical specifications

6-pole induction motors



MODEL SERIES

YE3

3PH / 50 Hz / IP55

4 MODELS · SPECIFICATIONS

Model	kW	A	rpm	V
YE3-80M1-6 Poles 6 | 50 Hz | IP55	0.37	1.1	900	380
YE3-80M2-6 Poles 6 | 50 Hz | IP55	0.55	1.5	900	380
YE3-90S-6 Poles 6 | 50 Hz | IP55	0.75	2.0	915	380
YE3-90L-6 Poles 6 | 50 Hz | IP55	1.1	2.8	915	380

6-pole induction motors



MODEL SERIES

YE3

3PH / 50 Hz / IP55

4 MODELS · SPECIFICATIONS

Model	kW	A	rpm	V
YE3-100L-6 Poles 6 | 50 Hz | IP55	1.5	3.8	920	380
YE3-112M-6 Poles 6 | 50 Hz | IP55	2.2	5.4	940	380
YE3-132S-6 Poles 6 | 50 Hz | IP55	3	7.2	960	380
YE3-132M1-6 Poles 6 | 50 Hz | IP55	4	9.5	960	380

DC servo motors



MODEL SERIES

ELVM4005V48FH

Without brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELVM4005V48FH-B25-HD Encoder 2500 ppr | Brake No	50	48	0.16	3000
ELVM4005V48FH-M17-HD Encoder 17bit magnetic | Brake No	50	48	0.16	3000
ELVM4010V48FH-B25-HD Encoder 2500 ppr | Brake No	100	48	0.32	3000
ELVM4010V48FH-M17-HD Encoder 17bit magnetic | Brake No	100	48	0.32	3000

DC servo motors



MODEL SERIES

ELVM6020V24FH

Without brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELVM6020V24FH-B25-HD Encoder 2500 ppr | Brake No	200	24	0.64	3000
ELVM6020V24FH-M17-HD Encoder 17bit magnetic | Brake No	200	24	0.64	3000
ELVM6020V48FH-B25-HD Encoder 2500 ppr | Brake No	200	48	0.64	3000
ELVM6020V48FH-M17-HD Encoder 17bit magnetic | Brake No	200	48	0.64	3000

Models and technical specifications

DC servo motors



MODEL SERIES

ELVM6040V24FH

Without brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELVM6040V24FH-B25-HD Encoder 2500 ppr | Brake No	400	24	1.27	3000
ELVM6040V24FH-M17-HD Encoder 17bit magnetic | Brake No	400	24	1.27	3000
ELVM6040V48FH-B25-HD Encoder 2500 ppr | Brake No	400	48	1.27	3000
ELVM6040V48FH-M17-HD Encoder 17bit magnetic | Brake No	400	48	1.27	3000

DC servo motors



MODEL SERIES

ELVM4005V48EH

Holding brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELVM4005V48EH-B25-HD Encoder 2500 ppr | Brake Yes	50	48	0.16	3000
ELVM4005V48EH-M17-HD Encoder 17bit magnetic | Brake Yes	50	48	0.16	3000
ELVM4010V48EH-B25-HD Encoder 2500 ppr | Brake Yes	100	48	0.32	3000
ELVM4010V48EH-M17-HD Encoder 17bit magnetic | Brake Yes	100	48	0.32	3000

DC servo motors



MODEL SERIES

ELVM6020V24EH

Holding brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELVM6020V24EH-B25-HD Encoder 2500 ppr | Brake Yes	200	24	0.64	3000
ELVM6020V24EH-M17-HD Encoder 17bit magnetic | Brake Yes	200	24	0.64	3000
ELVM6020V48EH-B25-HD Encoder 2500 ppr | Brake Yes	200	48	0.64	3000
ELVM6020V48EH-M17-HD Encoder 17bit magnetic | Brake Yes	200	48	0.64	3000

DC servo motors



MODEL SERIES

ELVM6040V24EH

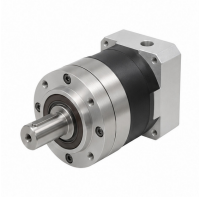
Holding brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELVM6040V24EH-B25-HD Encoder 2500 ppr | Brake Yes	400	24	1.27	3000
ELVM6040V24EH-M17-HD Encoder 17bit magnetic | Brake Yes	400	24	1.27	3000
ELVM6040V48EH-B25-HD Encoder 2500 ppr | Brake Yes	400	48	1.27	3000
ELVM6040V48EH-M17-HD Encoder 17bit magnetic | Brake Yes	400	48	1.27	3000

Models and technical specifications

Planetary gearboxes



MODEL SERIES

PLF090

4 MODELS · SPECIFICATIONS

Model	Ratio	Motor frame	Input Ø mm
PLF090-10-P2-BJ-14-60	10:1	NEMA 34	14
PLF090-5-P2-BJ-14-60	5:1	NEMA 34	14
PLF090-10-P2-BJ-14-73	10:1	NEMA 34	14
PLF090-5-P2-BJ-14-73	5:1	NEMA 34	14

Planetary gearboxes



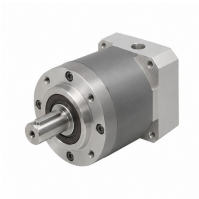
MODEL SERIES

PLF090

4 MODELS · SPECIFICATIONS

Model	Ratio	Motor frame	Input Ø mm
PLF090-10-P2-BJ-12.7-73	10:1	NEMA 34	12.7
PLF090-5-P2-BJ-12.7-73	5:1	NEMA 34	12.7
PLF060-10-P2-BJ-8-36	10:1	NEMA 24	8
PLF060-10-P2-BJ-8-38.1	10:1	NEMA 23	8

Planetary gearboxes



MODEL SERIES

PLF060

4 MODELS · SPECIFICATIONS

Model	Ratio	Motor frame	Input Ø mm
PLF060-5-P2-BJ-8-36	5:1	NEMA 24	8
PLF060-5-P2-BJ-8-38.1	5:1	NEMA 23	8
PLF060-10-P2-BJ-6.35-38.1	10:1	NEMA 23	6.35
PLF060-5-P2-BJ-6.35-38.1	5:1	NEMA 23	6.35

Brake stepper motors



MODEL SERIES

42CM06

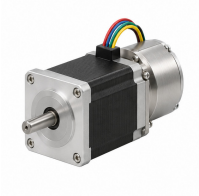
Brake variants

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	A/ph	L mm	Ø mm
42CM06-BZ 2 phases	17	0.6	2.5	79	5
42CM08-BZ 2 phases	17	0.8	2.5	92	5
57CM13-BZ 2 phases	23	1.3	4	95	6.35
57CM23-BZ 2 phases	23	2.3	5	116	8

Models and technical specifications

Brake stepper motors



MODEL SERIES

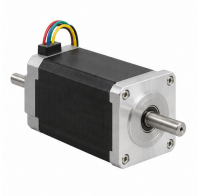
57CM26

Brake variants

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	A/ph	L mm	Ø mm
57CM26-BZ 2 phases	23	2.6	5	125	8
60CM30X-BZ 2 phases	24	3.0	5	124	8
86CM45-BZ 2 phases	34	4.5	4.2	123	14
86CM85-BZ 2 phases	34	8.5	6	161	14

Dual-shaft steppers



MODEL SERIES

42CM06

Dual shaft

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	A/ph	L mm	Ø mm
42CM06-SZ 2 phases	17	0.6	2.5	47	5
42CM08-SZ 2 phases	17	0.8	2.5	92	5
D57CM21C-SZ 2 phases	23	2.1	5	66	8
57CM22C-SZ 2 phases	23	2.2	5	74	8

Geared stepper motors



MODEL SERIES

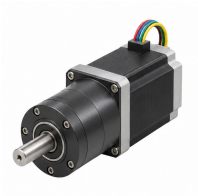
42CM06

Gearbox

4 MODELS · SPECIFICATIONS

Model	NEMA	A/ph	L mm	Ø mm
42CM06-RD05 2 phases	17	2.5	87	8
42CM06-RD10 2 phases	17	2.5	87	8
42CM06-RD20 2 phases	17	2.5	98	8
42CM08-RD05 2 phases	17	2.5	100	8

Geared stepper motors



MODEL SERIES

42CM08

Gearbox

4 MODELS · SPECIFICATIONS

Model	NEMA	A/ph	L mm	Ø mm
42CM08-RD10 2 phases	17	2.5	100	8
42CM08-RD20 2 phases	17	2.5	111	8
57CM12C-RD05 2 phases	23	4	110	14.7
57CM12C-RD10 2 phases	23	4	110	14.7

Models and technical specifications

Hollow-shaft steppers



MODEL SERIES

28CM013

Hollow-shaft variants

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	A/ph	L mm	Ø mm
28CM013-ZK 2 phases	11	0.13	1.2	51	8
42CM04-ZK 2 phases	17	0.4	1.5	40	8
42CM08-SZ-ZK 2 phases	17	0.8	2.5	60	8
57CM12C-ZK 2 phases	23	1.2	4	53	8

IP65 stepper motors



MODEL SERIES

57CM13

IP65

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	A/ph	L mm	Ø mm
57CM13-FS 2 phases	23	1.3	3	65	6.35
57CM23-FS 2 phases	23	2.1	3	90	8
60CM35X-FS 2 phases	24	3.5	5	110	8
86CM45-FS 2 phases	34	4.5	6	90	14

Stepper motors



MODEL SERIES

20CM003

Standard

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	A/ph	L mm	Ø mm
20CM003 2 phases	8	0.03	0.6	33	4
20CM005 2 phases	8	0.05	0.6	45	4
28CM006 2 phases	11	0.06	1.2	32	5
28CM010 2 phases	11	0.1	1.2	41	5

Stepper motors



MODEL SERIES

28CM013

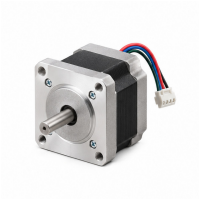
Standard

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	A/ph	L mm	Ø mm
28CM013 2 phases	11	0.13	1.2	51	5
35CM015 2 phases	14	0.15	2	31	5
35CM04 2 phases	14	0.4	2	47	5
42CM02 2 phases	17	0.2	1.5	34	5

Models and technical specifications

Stepper motors



MODEL SERIES

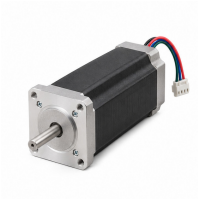
42CM02

Standard

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	A/ph	L mm	Ø mm
42CM02-1A 2 phases	17	0.2	1	34	5
42CM04 2 phases	17	0.4	1.5	40	5
42CM04-1A 2 phases	17	0.4	1	40	5
42CM04C 2 phases	17	0.4	1.5	40	5

Stepper motors



MODEL SERIES

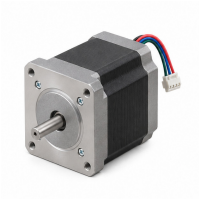
42CM06

Standard

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	A/ph	L mm	Ø mm
42CM06-1A 2 phases	17	0.6	1.5	47	5
42CM06 2 phases	17	0.6	2.5	47	5
42CM06C 2 phases	17	0.6	2.5	47	5
42CM06-0-I8 2 phases	17	0.6	2	47	8

Stepper motors



MODEL SERIES

42CM08

Standard

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	A/ph	L mm	Ø mm
42CM08 2 phases	17	0.8	2.5	60	5
42CM08C 2 phases	17	0.8	2.5	60	5
42CM08-1A 2 phases	17	0.8	1.5	60	5
57CM06 2 phases	23	0.6	3	41	6.35

Brake stepper motors



MODEL SERIES

CS

Brake variants

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	A/ph	L mm	Ø mm
CS-M21704B 2 phases	17	0.4	2	93	4.5
CS-M21706B 2 phases	17	0.6	2	110	4.5
CS-M22313B 2 phases	23	1.2	4	117	8
CS-M22323B 2 phases	23	2.1	5	137	8

Models and technical specifications

Brake stepper motors



MODEL SERIES

CS

Brake variants

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	A/ph	L mm	Ø mm
CS-M22430B 2 phases	24	3	5	116	8
CS-M23445B 2 phases	34	4.5	6	144	14
CS-M23485B 2 phases	34	8.5	6	182	14
CS-M234120B 2 phases	34	12	6	193	14

IP65 stepper motors



MODEL SERIES

CS

IP65

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	A/ph	L mm	Ø mm
CS-M22313WP 2 phases	23	1.3	3	95	8
CS-M22323WP 2 phases	23	2.3	4	114	8
CS-M23445WP 2 phases	34	4.5	4	115	14
CS-M23480WP 2 phases	34	8	6	133	14

Inch-shaft closed-loop steppers



MODEL SERIES

ES

Inch shaft

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	A/ph	L mm	Ø mm
ES-M32309-S 3 phases	23	0.9	3.4	73	6.35
ES-M32320-S 3 phases	23	2	3.4	93	6.35
CS-M22323-S 2 phases	23	2.3	5	96	6.35
CS-M22326-S 2 phases	23	2.6	5	104	6.35

Inch-shaft closed-loop steppers



MODEL SERIES

CS

Inch shaft

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	A/ph	L mm	Ø mm
CS-M22331-L-S 2 phases	23	3.1	5	105	9.525
CS-M23445-S 2 phases	34	4.5	6	109	12.7
CS-M23480-S 2 phases	34	8	6	126	12.7
CS-M23485-S 2 phases	34	8.5	6	147	12.7

Models and technical specifications

Closed-loop stepper motors



MODEL SERIES

CS

Standard

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	A/ph	L mm	Ø mm
CS-M211013 2 phases	11	0.13	1.2	62	5
CS-M21704 2 phases	17	0.4	1.5	62	5
CS-M21706 2 phases	17	0.6	1.5	70	5
CS-M21708 2 phases	17	0.8	1.5	83	5

AC servo motors



MODEL SERIES

ELM1H

Without brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELM1H-0050MA40F Encoder 23-bit | Brake No	50	220	0.16	3000
ELM1H-0100MA40F Encoder 23-bit | Brake No	100	220	0.32	3000
ELM1H-0200MA60F Encoder 23-bit | Brake No	200	220	0.64	3000
ELM1H-0400MA60F Encoder 23-bit | Brake No	400	220	1.27	3000

AC servo motors



MODEL SERIES

ELM1H

Without brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELM1H-0750MA80F Encoder 23-bit | Brake No	750	220	2.39	3000
ELM1H-0850MD130F-H Encoder 23-bit | Brake No	850	220	5.39	1500
ELM1H-1000MA80F Encoder 23-bit | Brake No	1000	220	3.18	3000
ELM1H-1300MD130F-H Encoder 23-bit | Brake No	1300	220	8.34	1500

AC servo motors



MODEL SERIES

ELM1H

Holding brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELM1H-0050MA40E Encoder 23-bit | Brake Yes	50	220	0.16	3000
ELM1H-0100MA40E Encoder 23-bit | Brake Yes	100	220	0.32	3000
ELM1H-0200MA60E Encoder 23-bit | Brake Yes	200	220	0.64	3000
ELM1H-0400MA60E Encoder 23-bit | Brake Yes	400	220	1.27	3000

Models and technical specifications

AC servo motors



MODEL SERIES

ELM1H

Holding brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELM1H-0750MA80E Encoder 23-bit | Brake Yes	750	220	2.39	3000
ELM1H-0850MD130E-H Encoder 23-bit | Brake Yes	850	220	5.39	1500
ELM1H-1000MA80E Encoder 23-bit | Brake Yes	1000	220	3.18	3000
ELM1H-1300MD130E-H Encoder 23-bit | Brake Yes	1300	220	8.34	1500

ELM2 AC servo motors



MODEL SERIES

ELM2H

Without brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELM2H-0050LA40F Encoder 23-bit | Brake No	50	220	0.16	3000
ELM2H-0100LA40F Encoder 23-bit | Brake No	100	220	0.32	3000
ELM2H-0200LA60F Encoder 23-bit | Brake No	200	220	0.64	3000
ELM2H-0400LA60F Encoder 23-bit | Brake No	400	220	1.27	3000

ELM2 AC servo motors



MODEL SERIES

ELM2H

Without brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELM2H-0750LA80F Encoder 23-bit | Brake No	750	220	2.39	3000
ELM2H-0750LA80FT Encoder 23-bit | Brake No	750	400	2.39	3000
ELM2H-0850LD130F-H Encoder 23bit optical | Brake No	850	220	5.39	1500
ELM2H-0850LD130FT-H Encoder 23-bit optical | Brake No	850	400	5.39	1500

ELM2 AC servo motors



MODEL SERIES

ELM2H

Without brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELM2H-1000LA80F Encoder 23-bit | Brake No	1000	220	3.18	3000
ELM2H-1000LA80FT Encoder 23-bit | Brake No	1000	400	3.18	3000
ELM2L-1000LA100F-H MS10A Encoder 23-bit | Brake No	1000	220	3.18	3000
ELM2L-1000LA100FT-H MS10A Encoder 23-bit | Brake No	1000	400	3.18	3000

Models and technical specifications

ELM2 AC servo motors



MODEL SERIES

ELM2M

Without brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELM2M-1000LB130F-H MS1HB Encoder 23-bit | Brake No	1000	220	4	2500
ELM2H-1300LD130F-H Encoder 23bit optical | Brake No	1300	220	8.34	1500
ELM2H-1300LD130FT-H Encoder 23-bit optical | Brake No	1300	400	8.34	1500
ELM2L-1500LA100F-H MS10A Encoder 23-bit | Brake No	1500	220	4.9	3000

ELM2 AC servo motors



MODEL SERIES

ELM2H

Holding brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELM2H-0050LA40E Encoder 23-bit | Brake Yes	50	220	0.16	3000
ELM2H-0100LA40E Encoder 23-bit | Brake Yes	100	220	0.32	3000
ELM2H-0200LA60E Encoder 23-bit | Brake Yes	200	220	0.64	3000
ELM2H-0400LA60E Encoder 23-bit | Brake Yes	400	220	1.27	3000

ELM2 AC servo motors



MODEL SERIES

ELM2H

Holding brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELM2H-0750LA80E Encoder 23-bit | Brake Yes	750	220	2.39	3000
ELM2H-0750LA80ET Encoder 23-bit | Brake Yes	750	400	2.39	3000
ELM2H-0850LD130E-H Encoder 23bit optical | Brake Yes	850	220	5.39	1500
ELM2H-0850LD130ET-H Encoder 23-bit optical | Brake Yes	850	400	5.39	1500

ELM2 AC servo motors



MODEL SERIES

ELM2H

Holding brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELM2H-1000LA80E Encoder 23-bit | Brake Yes	1000	220	3.18	3000
ELM2H-1000LA80ET Encoder 23-bit | Brake Yes	1000	400	3.18	3000
ELM2L-1000LA100E-H MS10A Encoder 23-bit | Brake Yes	1000	220	3.18	3000
ELM2L-1000LA100ET-H MS10A Encoder 23-bit | Brake Yes	1000	400	3.18	3000

Models and technical specifications

ELM2 AC servo motors



MODEL SERIES

ELM2M

Holding brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
ELM2M-1000LB130E-H MS1HB Encoder 23-bit | Brake Yes	1000	220	4	2500
ELM2H-1300LD130E-H Encoder 23bit optical | Brake Yes	1300	220	8.34	1500
ELM2H-1300LD130ET-H Encoder 23-bit optical | Brake Yes	1300	400	8.34	1500
ELM2L-1500LA100E-H MS10A Encoder 23-bit | Brake Yes	1500	220	4.9	3000

CANopen integrated servos



MODEL SERIES

iSV2

Without brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
iSV2-CAN6020V24H Encoder 17-bit | Brake No | CANopen	200	24	0.64	3000
iSV2-CAN6020V48H Encoder 17-bit | Brake No | CANopen	200	48	0.64	3000
iSV2-CAN6040V48H Encoder 17-bit | Brake No | CANopen	400	48	1.27	3000
iSV2-CAN8075V48H Encoder 17-bit | Brake No | CANopen	750	48	2.39	3000

CANopen integrated servos



MODEL SERIES

iSV2

Holding brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
iSV2-CAN6020V24G Encoder 17-bit | Brake Yes | CANopen	200	24	0.64	3000
iSV2-CAN6020V48G Encoder 17-bit | Brake Yes | CANopen	200	48	0.64	3000
iSV2-CAN6040V48G Encoder 17-bit | Brake Yes | CANopen	400	48	1.27	3000
iSV2-CAN8075V48G Encoder 17-bit | Brake Yes | CANopen	750	48	2.39	3000

RS485 integrated servos



MODEL SERIES

iSV2

Without brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
iSV2-RS6020V24H Encoder 17-bit | Brake No | Modbus/ P/D	200	24	0.64	3000
iSV2-RS6020V48H Encoder 17-bit | Brake No | Modbus/ P/D	200	48	0.64	3000
iSV2-RS5740V48H Encoder 17-bit | Brake No | Modbus/ P/D	400	48	1.27	3000
iSV2-RS6040V48H Encoder 17-bit | Brake No | Modbus/ P/D	400	48	1.27	3000

Models and technical specifications

RS485 integrated servos



MODEL SERIES

iSV2

Holding brake

4 MODELS · SPECIFICATIONS

Model	W	V	Nm	rpm
iSV2-RS6020V24G Encoder 17-bit | Brake Yes | Modbus/ P/D	200	24	0.64	3000
iSV2-RS6020V48G Encoder 17-bit | Brake Yes | Modbus/ P/D	200	48	0.64	3000
iSV2-RS6040V48G Encoder 17-bit | Brake Yes | Modbus/ P/D	400	48	1.27	3000
iSV2-RS8075V48G Encoder 17-bit | Brake Yes | Modbus/ P/D	750	48	2.39	3000

Integrated closed-loop steppers



MODEL SERIES

iCS

Pul&Dir

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	L mm	VDC
iCS-1703 P/D	17	0.3	64	24
iCS-1706 P/D	17	0.6	72	24
iCS-1708 P/D	17	0.8	85	24
iCS-2313 P/D, CW&CCW	23	1.3	75	24, 36

Integrated closed-loop steppers



MODEL SERIES

iCS

Pul&Dir, CW&CCW

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	L mm	VDC
iCS-2323 P/D, CW&CCW	23	2.3	96	24, 36
iCS-2321-L P/D, CW&CCW	23	2.1	89	24, 36
iCS-2331-L P/D, CW&CCW	23	3.1	109	24, 36
iCS-2430 P/D, CW&CCW	24	3	109	24, 36

RS485 closed-loop steppers



MODEL SERIES

iCS

Modbus-RTU

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	L mm	VDC
iCS-RS1706 Modbus-RTU	17	0.6	73	24
iCS-RS1708 Modbus-RTU	17	0.8	86	24
iCS-RS2313 Modbus-RTU	23	1.3	78	24, 36
iCS-RS2323 Modbus-RTU	23	2.3	99	24, 36

Models and technical specifications

Integrated stepper motors



MODEL SERIES

iEM

Pul&Dir

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	L mm	VDC
iEM-1703 P/D	17	0.3	64	24
iEM-1706 P/D	17	0.6	72	24
iEM-1708 P/D	17	0.8	85	24
iEM-2313 P/D, CW&CCW	23	1.3	75	24, 36

Integrated stepper motors



MODEL SERIES

iEM

Pul&Dir, CW&CCW

4 MODELS · SPECIFICATIONS

Model	NEMA	Hold Nm	L mm	VDC
iEM-2323 P/D, CW&CCW	23	2.3	96	24-40
iEM-2321-L P/D, CW&CCW	23	2.1	89	24, 36
iEM-2331-L P/D, CW&CCW	23	3.1	109	24, 36
iEM-2430 P/D, CW&CCW	24	3	109	24, 36

Vector frequency drives



MODEL SERIES

GD20

Vector control · 3-phase output

4 MODELS · SPECIFICATIONS

Model	kW	Input A	Output A
GD20-0R4G-S2 Input 1PH 220V; 3PH output	0.4	6.5	2.5
GD20-0R7G-S2 Input 1PH 220V; 3PH output	0.75	9.3	4.2
GD20-1R5G-S2 Input 1PH 220V; 3PH output	1.5	15.7	7.5
GD20-2R2G-S2 Input 1PH 220V; 3PH output	2.2	24	10

Vector frequency drives



MODEL SERIES

GD20

Vector control · 3-phase output

4 MODELS · SPECIFICATIONS

Model	kW	Input A	Output A
GD20-0R4G-2 Input 3PH 220V; 3PH output	0.4	3.7	2.5
GD20-0R7G-2 Input 3PH 220V; 3PH output	0.75	5	4.2
GD20-1R5G-2 Input 3PH 220V; 3PH output	1.5	7.7	7.5
GD20-2R2G-2 Input 3PH 220V; 3PH output	2.2	11	10

Models and technical specifications

Vector frequency drives



MODEL SERIES

GD20

Vector control · 3-phase output

4 MODELS · SPECIFICATIONS

Model	kW	Input A	Output A
GD20-004G-2 Input 3PH 220V; 3PH output	4	17	16
GD20-5R5G-2 Input 3PH 220V; 3PH output	5.5	21	20
GD20-7R5G-2 Input 3PH 220V; 3PH output	7.5	31	30
GD20-0R7G-4 Input 3PH 380V; 3PH output	0.75	3.4	2.5

Vector frequency drives



MODEL SERIES

GD20

Vector control · 3-phase output

4 MODELS · SPECIFICATIONS

Model	kW	Input A	Output A
GD20-1R5G-4 Input 3PH 380V; 3PH output	1.5	5.0	4.2
GD20-2R2G-4 Input 3PH 380V; 3PH output	2.2	5.8	5.5
GD20-004G-4 Input 3PH 380V; 3PH output	4	13.5	9.5
GD20-5R5G-4 Input 3PH 380V; 3PH output	5.5	19.5	14

Vector frequency drives



MODEL SERIES

GD20

Vector control · 3-phase output

4 MODELS · SPECIFICATIONS

Model	kW	Input A	Output A
GD20-7R5G-4 Input 3PH 380V; 3PH output	7.5	25	18.5
GD20-011G-4 Input 3PH 380V; 3PH output	11	32	25
GD20-015G-4 Input 3PH 380V; 3PH output	15	40	32
GD20-018G-4 Input 3PH 380V; 3PH output	18.5	47	38

Vector frequency drives



MODEL SERIES

GD20

Vector control · 3-phase output

4 MODELS · SPECIFICATIONS

Model	kW	Input A	Output A
GD20-022G-4 Input 3PH 380V; 3PH output	22	51	45
GD20-030G-4 Input 3PH 380V; 3PH output	30	70	60
GD20-037G-4 Input 3PH 380V; 3PH output	37	80	75
GD20-045G-4 Input 3PH 380V; 3PH output	45	98	92

Models and technical specifications

Vector frequency drives



MODEL SERIES

GD20

Vector control · 3-phase output

4 MODELS · SPECIFICATIONS

Model	kW	Input A	Output A
GD20-055G-4 Input 3PH 380V; 3PH output	55	128	115
GD20-075G-4 Input 3PH 380V; 3PH output	75	139	150
GD20-090G-4 Input 3PH 380V; 3PH output	90	168	180
GD20-110G-4 Input 3PH 380V; 3PH output	110	201	215

Digital stepper drives



MODEL SERIES

DM322E

Input and command details below

4 MODELS · SPECIFICATIONS

Model	Peak A	kHz max	Logic V
DM322E 12-30 VDC | PUL&DIR	2.2	70	5
DM332E 18-30 VDC | PUL&DIR	3.0	70	5
DM542E 20-50 VDC | PUL&DIR	4.2	200	5 or 24
DM556E 20-50 VDC | PUL&DIR	5.6	200	5 or 24

Digital stepper drives



MODEL SERIES

DMA860E

Input and command details below

4 MODELS · SPECIFICATIONS

Model	Peak A	kHz max	Logic V
DMA860E 18-80VAC or 30-110VDC | PUL&DIR, CW&CCW	7.2	200	5 or 24
DMA882S 18-80VAC or 30-110VDC | PUL&DIR, CW&CCW	8.2	200	5
DM1182 70-130VAC | PUL&DIR, CW&CCW	8.2	200	5
DM2282 180-240VAC | PUL&DIR, CW&CCW	8.2	200	5

Digital stepper drives



MODEL SERIES

3DM580S

Input and command details below

4 MODELS · SPECIFICATIONS

Model	Peak A	kHz max	Logic V
3DM580S 20-50 VDC | PUL&DIR, CW&CCW	0.5-8.0	500	5 or 24
3DM883 20-80 VDC | PUL&DIR, CW&CCW	2.2-8.3	500	5 or 24
3DM2283 180-240VAC | PUL&DIR, CW&CCW	2.2-11.7	200	5
DMA882-CAN 18-80VAC or 30-110VDC | CANopen	8.2	10	5-24

Models and technical specifications

Digital stepper drives



MODEL SERIES

DM442

Input and command details below

4 MODELS · SPECIFICATIONS

Model	Peak A	Logic V
DM442-IO-24 20-40 VDC | I/O signals	4.2	24
DM805-AI 20-80 VDC | PUL&DIR, 0-5V analog	7.0	5
DMA882S-IO 18-80VAC or 30-110VDC | 5-24V digital input	8.2	5-24
DM456-V-24 20-40 VDC | I/O, 0-10V analog	5.6	24

Stepper drives



MODEL SERIES

EM415S

Input and command details below

4 MODELS · SPECIFICATIONS

Model	Peak A	kHz max	Logic V
EM415S 20-40 VDC | PUL&DIR, CW&CCW	1.5	70	5
EM422S 20-40 VDC | PUL&DIR, CW&CCW	2.2	70	5
EM532-MINI 20-50 VDC | PUL&DIR	3.2	1000	5
EM542S 20-50 VDC | PUL&DIR, CW&CCW	4.2	200	5 or 24

Stepper drives



MODEL SERIES

EM556S

Input and command details below

4 MODELS · SPECIFICATIONS

Model	Peak A	kHz max	Logic V
EM556S 20-50 VDC | PUL&DIR, CW&CCW	5.6	200	5 or 24
EM870S 20-80 VDC | PUL&DIR, CW&CCW	7.0	200	5 or 24
EM882S 20-80 VDC | PUL&DIR, CW&CCW	8.2	200	5
EM522-CAN 20-50 VDC | CANopen	2.2	10	5-24

AC servo drives



MODEL SERIES

EL7

Input and command details below

4 MODELS · SPECIFICATIONS

Model	W	Rated Arms	Peak Arms
EL7-EC400S 220VAC 1ph/3ph | EtherCAT	400	2.5	9.5
EL7-EC750S 220VAC 1ph/3ph | EtherCAT	750	5.5	16.6
EL7-EC1000S 220VAC 1ph/3ph | EtherCAT	1000	7.0	21.0
EL7-EC1000ST 400VAC 3ph | EtherCAT	1000	3.5	10.6

Models and technical specifications

AC servo drives



MODEL SERIES

EL7

Input and command details below

4 MODELS · SPECIFICATIONS

Model	W	Rated Arms	Peak Arms
EL7-EC1500S 220VAC 1ph/3ph | EtherCAT	1500	9.5	12.0
EL7-EC1500ST 400VAC 3ph | EtherCAT	1500	5.4	14
EL7-EC2000S 220VAC 1ph/3ph | EtherCAT	2000	31.1	36.0
EL7-EC2000ST 400VAC 3ph | EtherCAT	2000	8.4	20

AC servo drives



MODEL SERIES

EL7

Input and command details below

4 MODELS · SPECIFICATIONS

Model	W	Rated Arms	Peak Arms
EL7-EC3000ST 400VAC 3ph | EtherCAT	3000	11.9	30
EL7-EC4400ST 400VAC 3ph | EtherCAT	4000	16.5	38.9
EL7-EC5500ST 400VAC 3ph | EtherCAT	5500	20.8	51.6
EL7-EC7500ST 400VAC 3ph | EtherCAT	7500	25.7	63.6

AC servo drives



MODEL SERIES

EL7

Input and command details below

4 MODELS · SPECIFICATIONS

Model	W	Rated Arms	Peak Arms
EL7-RS400S 220VAC 1ph/3ph | Modbus/P/D/Analogue	400	2.5	9.5
EL7-RS750S 220VAC 1ph/3ph | Modbus/P/D/Analogue	750	5.5	16.6
EL7-RS1000S 220VAC 1ph/3ph | Modbus/P/D/Analogue	1000	7.0	21.0
EL7-RS1000ST 400VAC 3ph | Modbus/P/D/Analogue	1000	3.5	10.6

AC servo drives



MODEL SERIES

EL7

Input and command details below

4 MODELS · SPECIFICATIONS

Model	W	Rated Arms	Peak Arms
EL7-RS1500S 220VAC 1ph/3ph | Modbus/P/D/Analogue	1500	9.5	31.1
EL7-RS1500ST 400VAC 3ph | Modbus/P/D/Analogue	1500	5.4	14
EL7-RS2000S 220VAC 1ph/3ph | Modbus/P/D/Analogue	2000	12	36
EL7-RS2000ST 400VAC 3ph | Modbus/P/D/Analogue	2000	8.4	20

Models and technical specifications

AC servo drives



MODEL SERIES

EL7

Input and command details below

4 MODELS · SPECIFICATIONS

Model	W	Rated Arms	Peak Arms
EL7-RS3000S 220VAC 1ph/3ph | Modbus/P/D/Analogue	3000	22	55
EL7-RS3000ST 400VAC 3ph | Modbus/P/D/Analogue	3000	11.9	30
EL7-RS5000S 220VAC 1ph/3ph | Modbus/P/D/Analogue	5000	27	67.5
EL7-RS4400ST 400VAC 3ph | Modbus/P/D/Analogue	4400	16.5	38.9

DC servo drives



MODEL SERIES

ELD2

Input and command details below

4 MODELS · SPECIFICATIONS

Model	W	Rated Arms	Peak Arms
ELD2-RS7005 24~70VDC | Modbus/ P/D/ Analog	100	5	21
ELD2-CAN7005B 24~70VDC | CANopen	100	5	21
ELD2-RS7010 24~70VDC | Modbus/ P/D/ Analog	400	10	35
ELD2-CAN7010B 24~70VDC | CANopen	400	10	42

DC servo drives



MODEL SERIES

ELD2

Input and command details below

4 MODELS · SPECIFICATIONS

Model	W	Rated Arms	Peak Arms
ELD2-RS7015B 24~70VDC | Modbus/ P/D/ Analog	600	15	45
ELD2-CAN7015B 24~70VDC | CANopen	600	15	45
ELD2-RS7020B 24~70VDC | Modbus/ P/D/ Analog	750	20	80
ELD2-CAN7020B 24~70VDC | CANopen	750	20	80

DC servo drives



MODEL SERIES

ELD2

Input and command details below

4 MODELS · SPECIFICATIONS

Model	W	Rated Arms	Peak Arms
ELD2-RS7030B 24~70VDC | Modbus/ P/D/ Analog	1200	30	90
ELD2-CAN7030B 24~70VDC | CANopen	1200	30	90
ELD2-RS7040B 24~70VDC | Modbus/ P/D/ Analog	1500	40	120
ELD2-CAN7040B 24~70VDC | CANopen	1500	40	120

Our brand story



Purpose in every rotation.

Industrial progress is built on countless precise, continuous movements. WINSTONE MOTORS starts with the motor, bringing transmission and motion control into one connected view of equipment operation—from starting and acceleration to steady running.
From pumps and fans to conveyors, packaging and automation, application needs guide our focus. We aim to make power, torque, speed and control choices clearer. Our philosophy is practical engineering: bringing purpose to motion and helping equipment realise its potential.

Application environments



Food & packaging machinery

Conveying, indexing, feeding and packaging axes.



Conveying & warehouse automation

Conveyor lines, sortation and automated motion units.



WINSTONE MOTORS

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