Parameter list

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Class	Number	Parameter name	Setting value
00	000	Rotational direction setup	1
00	001	Control mode setup	0
00	002	Real-time auto tuning setup	0
00	003	Machine stiffness at real-time auto tuning	15
00	004	Inertia ratio	700
00	005	Selection of command pulse input	0
00	006	Command pulse rotational direction setup	0
00	007	Command pulse input mode setup	3
00	008	Command pulse counts per motor revolution	2000
00	009	1st numerator of electronic gear	0
00	010	Denominator of electronic gear	10000
00	011	Output pulse counts per motor revolution	2500
00	012	Reversal of pulse output logic	0
00	013	1st torque limit	300
00	014	Position deviation excess setup	400
00	015	Absolute encoder setup	1
00	016	External regenerative resistor setup	3
00	017	Load factor of external regenerative resistor	0
01	000	1st gain of position loop	900
01	001	1st gain of velocity loop	350
01	002	1st time constant of velocity loop integration	60
01	003	1st filter of speed detection	0
01	004	1st time constant of torque filter	75
01	005	2nd gain of position loop	570
01	006	2nd gain of velocity loop	270
01	007	2nd time constant of velocity loop integration	10000
01	008	2nd filter of speed detection	0
01	009	2nd time constant of torque filter	84
01	010	Velocity feed forward gain	300
01	011	Velocity feed forward filter	50
01	012	Torque feed forward gain	0
01	013	Torque feed forward filter	0
01	014	2nd gain setup	1
01	015	Mode of position control switching	10
01	016	Delay time of position control switching	50
01	017	Level of position control switching	50

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Class	Number	Parameter name	Setting value
01	018	Hysteresis at position control switching	33
01	019	Position gain switching time	33
01	020	Mode of velocity control switching	0
01	021	Delay time of velocity control switching	0
01	022	Level of velocity control switching	0
01	023	Hysteresis at velocity control switching	0
01	024	Mode of torque control switching	0
01	025	Delay time of torque control switching	0
01	026	Level of torque control switching	0
01	027	Hysteresis at torque control switching	0
02	000	Adaptive filter mode setup	1
02	001	1st notch frequency	5000
02	002	1st notch width selection	2
02	003	1st notch depth selection	0
02	004	2nd notch frequency	5000
02	005	2nd notch width selection	2
02	006	2nd notch depth selection	0
02	007	3rd notch frequency	279
02	008	3rd notch width selection	2
02	009	3rd notch depth selection	0
02	010	4th notch frequency	5000
02	011	4th notch width selection	2
02	012	4th notch depth selection	0
02	013	Selection of damping filter switching	0
02	014	1st damping frequency	0
02	015	1st damping filter setup	0
02	016	2nd damping frequency	0
02	017	2nd damping filter setup	0
02	018	3rd damping frequency	0
02	019	3rd damping filter setup	0
02	020	4th damping frequency	0
02	021	4th damping filter setup	0
02	022	Positional command smoothing filter	10
02	023	Positional command FIR filter	0
03	000	Speed setup, Internal/External switching	0
03	001	Speed command rotational direction selection	0

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Class	Number	Parameter name	Setting value
03	002	Input gain of speed command	500
03	003	Reversal of speed command input	1
03	004	1st speed of speed setup	0
03	005	2nd speed of speed setup	0
03	006	3rd speed of speed setup	0
03	007	4th speed of speed setup	0
03	008	5th speed of speed setup	0
03	009	6th speed of speed setup	0
03	010	7th speed of speed setup	0
03	011	8th speed of speed setup	0
03	012	Acceleration time setup	0
03	013	Deceleration time setup	0
03	014	S-curve acceleration/deceleration time setup	0
03	015	Speed zero-clamp function selection	0
03	016	Speed zero clamp level	30
03	017	Selection of torque command	0
03	018	Torque command direction selection	0
03	019	Input gain of torque command	30
03	020	Input reversal of torque command	0
03	021	Speed limit value 1	0
03	022	Speed limit value 2	0
03	023	External scale selection	0
03	024	Numerator of external scale division	0
03	025	Denominator of external scale division	10000
03	026	Reversal of external scale direction	0
03	027	External scale Z-phase disconnection detection disable	0
03	028	Hybrid deviation excess setup	16000
03	029	Hybrid deviation clear setup	0
04	000	SI1 input selection	8553090
04	001	SI2 input selection	8487297
04	002	SI3 input selection	9539850
04	003	SI4 input selection	394758
04	004	SI5 input selection	4108
04	005	SI6 input selection	197379
04	006	SI7 input selection	3847
04	007	SI8 input selection	263172

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Class	Number	Parameter name	Setting value
04	008	SI9 input selection	328965
04	009	SI10 input selection	3720
04	010	SO1 output selection	197379
04	011	SO2 output selection	131586
04	012	SO3 output selection	65793
04	013	SO4 output selection	328964
04	014	SO5 output selection	460551
04	015	SO6 output selection	394758
04	016	Analog monitor 1 type	0
04	017	Analog monitor 1 output gain	0
04	018	Analog monitor 2 type	4
04	019	Analog monitor 2 output gain	0
04	020	Digital monitor type	0
04	021	Analog monitor output setup	0
04	022	Analog input 1 (AI1) offset setup	0
04	023	Analog input 1 (AI1) filter	0
04	024	Analog input 1 (AI1) overvoltage setup	0
04	025	Analog input 2 (AI2) offset setup	0
04	026	Analog input 2 (AI2) filter	0
04	027	Analog input 2 (AI2) overvoltage setup	0
04	028	Analog input 3 (AI3) offset setup	0
04	029	Analog input 3 (AI3) filter	0
04	030	Analog input 3 (AI3) overvoltage setup	0
04	031	In-position range	50
04	032	In-position output setup	0
04	033	INP hold time	0
04	034	Zero-speed	50
04	035	Speed coincidence range	50
04	036	At-speed	1000
04	037	Mechanical brake action in stop	0
04	038	Mechanical brake action in motion	0
04	039	Brake release speed setup	30
04	040	Warning output 1 selection	0
04	041	Warning output 2 selection	0
04	042	2nd in-position range	10
05	000	2nd numerator of electronic gear	0

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Class	Number	Parameter name	Setting value
05	001	3rd numerator of electronic gear	0
05	002	4th numerator of electronic gear	0
05	003	Denominator of pulse output division	0
05	004	Over-travel inhibit input setup	1
05	005	Sequence at over-travel inhibit	0
05	006	Sequence at servo-off	0
05	007	Sequence at main power off	0
05	008	LV trip selection at main power off	1
05	009	Detection time of main power off	70
05	010	Sequence at alarm	0
05	011	Torque setup for quick stop	0
05	012	Over-load level setup	0
05	013	Over-speed level setup	10000
05	014	Motor working range setup	5
05	015	I/F reading filter	0
05	016	Alarm clear input setup	0
05	017	Counter clear input mode	3
05	018	Invalidation of command pulse inhibit input	1
05	019	Command pulse inhibit input reading setup	0
05	020	Position unit selection	0
05	021	Torque limit selection	1
05	022	2nd torque limit	300
05	023	Torque limit switching setup 1	0
05	024	Torque limit switching setup 2	0
05	025	External input positive direction torque limit	300
05	026	External input negative direction torque limit	300
05	027	Input gain of analog torque limit	30
05	028	LED initial status	15
05	029	RS232 baud rate setup	2
05	030	RS485 baud rate setup	2
05	031	Axis address	1
05	032	Command pulse input maximum setup	4000
05	033	Pulse regenerative output limit setup	0
05	034	For manufacturer's use	4
05	035	Front panel lock setup	0
06	000	Analog torque feed forward conversion gain	0

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Class	Number	Parameter name	Setting value
06	002	Velocity deviation excess setup	0
06	004	JOG trial run command speed	300
06	005	Position 3rd gain valid time	0
06	006	Position 3rd gain scaling factor	100
06	007	Torque command additional value	0
06	008	Positive direction torque compensation	0
06	009	Negative direction torque compensation	0
06	010	Function expansion setup	0
06	011	Current response setup	100
06	013	2nd Inertia ratio	250
06	014	Quick stop time at alarm	200
06	015	2nd over-speed level setup	0
06	016	Maker uses	0
06	017	Front panel parameter writing selection	0
06	018	Power-up wait time	0
06	019	Encoder Z phase setup	0
06	020	Z-phase setup of external scale	0
06	021	Serial absolute external scale Z phase setup	0
06	022	A/B-phase external scale pulse output selection	0
06	023	Disturbance torque compensating gain	0
06	024	Disturbance observer filter	53
06	027	Warning latch time selection	5
06	030	Maker uses	0
06	031	Real-time auto tuning estimation speed	1
06	032	Real-time auto tuning custom setup	0
06	033	Maker uses	1000
06	034	Hybrid vibration suppression gain	0
06	035	Hybrid vibration suppression filter	10
06	037	Oscillation detecting level	0
06	038	Warning mask setup	4
06	039	For manufacturer's use	0

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