

## Recommended Parameter Values by Actuator Model(LECSS-T)

These are the "Recommended parameter values" for the LECSS-T driver for each actuator.

(Setup Software(MR Configurator2™) : For part No. LEC-MRC2E)

These recommended parameter values have been created for actuator with stroke less than 1000 mm.

Please change the parameter values according to the customer application.

Refer to "LECSS2-T Operation Manual", section 5 for details.

### Recommended Parameter Values [LEF]

Series			LEFS25T6			LEFS32T7			LEFS40T8		
	Lead symbol		H	A	B	H	A	B	H	A	B
	Lead		20	12	6	24	16	8	30	20	10
Parameter *1,*2	Para. No.	Initial value	Recommended value								
Regenerative option	PA02	0000	0000(Non) / 0002(LEC-MR-RB-032)								
Rotation direction selection	PA14	0	1(+: Counter motors side)								
Load to motor inertia moment ratio	PB06	7	7								
Function selection E-3	PE41	0000	0000								

Series			LEFS25(L,R)T6			LEFS32(L,R)T7			LEFS40(L,R)T8		
	Lead symbol		H	A	B	H	A	B	H	A	B
	Lead		20	12	6	24	16	8	30	20	10
Parameter *1,*2	Para. No.	Initial value	Recommended value								
Regenerative option	PA02	0000	0000(Non) / 0002(LEC-MR-RB-032)								
Rotation direction selection	PA14	0	0(+: Counter motors side)								
Load to motor inertia moment ratio	PB06	7	7								
Function selection E-3	PE41	0000	0000								

Series			LEFB25 T6	LEFB25U T6	LEFB32 T7	LEFB32U T7	LEFB40 T8	LEFB40U T8
	Lead symbol		S					
	Lead		54					
Parameter *1,*2	Para. No.	Initial value	Recommended value					
Regenerative option	PA02	0000	0000(Non) / 0002(LEC-MR-RB-032)					
Rotation direction selection	PA14	0	1(+: Counter motors side)	0(+: Counter motors side)	1(+: Counter motors side)	0(+: Counter motors side)	1(+: Counter motors side)	0(+: Counter motors side)
★ Load to motor inertia moment ratio	PB06	7	50					
★ Function selection E-3	PE41	0000	0001 (Robust filter enabled)					

★ Parameter should be changed.

Different from the initial value.

\*1 Parameter is the recommended value. Please change the parameter to make appropriate value for your operating method.


\*2 A mechanical resonance may occur depending on the configuration or the mounting orientation of the transferred object. Please change the parameter in the initial setting.

\* For LECSS2-T□, please set the electronic gear with PC, PLC etc. in your application.

## Recommended Parameter Values [LEJ]

Series			LEJS40T6			LEJS63T7			LEJB40T6	LEJB63T7
	Lead symbol		H	A	B	H	A	B	T	
	Lead		24	16	8	30	20	10	27	42
Parameter *1,*2	Para. No.	Initial value	Recommended value							
Regenerative option	PA02	0000	0000(Non) / 0002(LEC-MR-RB-032) / 0003(LEC-MR-RB-12)							
Rotation direction selection	PA14	0	1 (+: Counter motors side)						0 (+: Counter motors side)	
★ Load to motor inertia moment ratio	PB06	7	7						50	
★ Function selection E-3	PE41	0000	0000						0001 (Robust filter enabled)	

★ Parameter should be changed.

 Different from the initial value.

\*1 This Parameter is the recommended value. Please change this parameter to an appropriate value for your operating method.

\*2 A mechanical resonance may occur depending on the configuration or the mounting orientation of the transferred object. Please change the parameter in the initial setting.

\* For LECSS2-T□, please set the electronic gear with PC, PLC etc. in your application.

## Recommended Parameter Values [LEY]

Recommended Parameter Values [E-1]

Series			LEY25T6 / LEYG25T6			LEY25DT6 / LEYG25DT6			LEY32T7 / LEYG32T7			LEY32DT7 / LEYG32DT7		
	Lead symbol		A	B	C	A	B	C	A	B	C	A	B	C
	Lead		12	6	3	12	6	3	20	10	5	16	8	4
Parameter *1,*2	Para. No	Initial value	Recommended value											
Regenerative option	PA02	0000	0000 (Non)/ 0002 (LEC-MR-RB-032)											
Rotation direction selection	PA14	0	0 (+: Counter motors side)			1 (+: Counter motors side )			0 (+: Counter motors side)			1 (+: Counter motors side )		
Load to motor inertia moment ratio	PB06	7	7											
Function selection E-3	PE41	0000	0000											

Series			LEY63T8				LEY63DT8		
	Lead symbol		A	B	C	L	A	B	C
	Lead		20	10	5	2.86	20	10	5
Parameter *1,*2	Para. No	Initial value	Recommended value						
Regenerative option	PA02	0000	0000 (Non)/ 0002 (LEC-MR-RB-032)/ 0003 (LEC-MR-RB-12)						
Rotation direction selection	PA14	0	0 (+: Counter motors side)				1 (+: Counter motors side )		
Load to motor inertia moment ratio	PB06	7	7						
Function selection E-3	PE41	0000	0000						

 Different from the initial value.

\*1 Parameter is the recommended value. Please change the parameter to make appropriate value for your operating method.

\*2 A mechanical resonance may occur depending on the configuration or the mounting orientation of the transferred object. Please change the parameter in the initial setting.

\* For LECSS2-T□, please set the electronic gear with PC, PLC etc. in your application.