EJS 060 1-Stage Specifications

Frame Size		**060**				
Ratio	--	5	7.5	10	15	20
Nominal Output Torque	[Nm]	123	154	172	188	175
Maximum Acceleration Torque	[Nm]	170	212	227	235	276
Emergency Stop Torque	[Nm]	246	308	344	376	350
No Load Running Torque *1	[Nm]	0.79				
Nominal Input Speed	[rpm]	2,000				
Maximum Continuous Input Speed	[rpm]	3,000				
Maximum Cyclic Input Speed	[rpm]	3,000				
Maximum Radial Load *2	[N]	8,010				
Maximum Axial Load *3	[N]	8,010				
Moment of Inertia (≤ Ø19)	[kgcm²]	3.48	2.77	2.52	2.35	2.28
Efficiency *4	[%]	92	91	90	88	85
Torsional Rigidity	[Nm/arcmin]	17.7				
Maximum Torsional Backlash (Standard)	[Arc-min]	≤ 13				
Maximum Torsional Backlash (Low)	[Arc-min]	≤ 5				
Noise Level *5	dB [A]	≤ 80				
Weight *6	[kg]	21				
Ambient Temperature	[°C]	-23 ~ 93				
Permitted Housting Temperature	[°C]	100				
Service Life	[Hours]	20,000				
Protection Class	--	IP 69K				
Lubrication	--	Synthetic Food Grade Oil				
Mounting Position	--	Any				

*1) Torque at no load applied to the input shaft at 2,000 rpm

*2) The maximum radial load the gearbox can accept

*3) The maximum axial load the gearbox can accept

*4) The efficiency at the nominal output torque rating

*5) Measured with no load applied to the input shaft at 2,000 rpm

*6) Weight may vary slightly between models

EJS 060 1-Stage Specifications

Frame Size		**060**				
Ratio	--	25	30	40	50	60
Nominal Output Torque	[Nm]	172	175	173	174	173
Maximum Acceleration Torque	[Nm]	230	229	232	243	225
Emergency Stop Torque	[Nm]	344	350	346	348	346
No Load Running Torque *1	[Nm]	0.79				
Nominal Input Speed	[rpm]	2,000				
Maximum Continuous Input Speed	[rpm]	3,000				
Maximum Cyclic Input Speed	[rpm]	3,000				
Maximum Radial Load *2	[N]	8,010				
Maximum Axial Load *3	[N]	8,010				
Moment of Inertia (≤ Ø19)	[kgcm2]	2.26	2.24	2.22	2.22	2.21
Efficiency *4	[%]	84	80	76	73	70
Torsional Rigidity	[Nm/arcmin]	17.7				
Maximum Torsional Backlash (Standard)	[Arc-min]	≤ 13				
Maximum Torsional Backlash (Low)	[Arc-min]	≤ 5				
Noise Level *5	dB [A]	≤ 80				
Weight *6	[kg]	21				
Ambient Temperature	[°C]	-23 ~ 93				
Permitted Housting Temperature	[°C]	100				
Service Life	[Hours]	20,000				
Protection Class	--	IP 69K				
Lubrication	--	Synthetic Food Grade Oil				
Mounting Position	--	Any				

*1) Torque at no load applied to the input shaft at 2,000 rpm

*2) The maximum radial load the gearbox can accept

*3) The maximum axial load the gearbox can accept

*4) The efficiency at the nominal output torque rating

*5) Measured with no load applied to the input shaft at 2,000 rpm

*6) Weight may vary slightly between models