EJP 064 1-Stage Specifications

Frame Size			**064**						
Ratio	Unit	Note	5	6	7	8	9	10	15
Nominal Output Torque	[Nm]	--	120	180	140	150	150	150	160
Maximum Acceleration Torque	[Nm]	--	170	180	190	210	210	210	220
Emergency Stop Torque	[Nm]	--	360	540	420	450	450	450	480
No Load Running Torque	[Nm]	*1	2.72						
Nominal Input Speed	[rpm]	--	2,000						
Maximum Continuous Input Speed	[rpm]	--	4,000						
Maximum Cyclic Input Speed	[rpm]	--	6,000						
Maximum Radial Load	[N]	*2	8,890						
Maximum Axial Load	[N]	*3	1,860						
Moment of Inertia (≤ Ø19)	[kgcm2]	--	5.42	4.66	4.20	3.90	3.69	3.54	3.20
Moment of Inertia (≤ Ø28)	[kgcm2]	--	6.24	5.48	5.02	4.72	4.51	4.36	4.02
Moment of Inertia (≤ Ø38)	[kgcm2]	--	11.8	11.1	10.6	10.3	10.1	9.94	9.60
Efficiency	[%]	*4	92	92	91	91	90	90	88
Torsional Rigidity	[Nm/arcmin]	--	17.5						
Maximum Torsional Backlash (Standard)	[Arc-min]	--	≤ 5						
Maximum Torsional Backlash (Zero)	[Arc-min]	--	≤ 0						
Noise Level	dB [A]	*5	≤ 80						
Ambient Temperature	[°C]	--	-25 ~ 100						
Permitted Housing Temperature	[°C]	--	100						
Protection Class	--	--	IP65						
Lubrication	--	--	Synthetic Oil						
Service Life	[Hours]	--	25,000						
Weight	[kg]	*6	15						

*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

EJP 064 1-Stage Specifications

Frame Size	**064**							
Ratio	Unit	Note	20	25	30	40	50	60
Nominal Output Torque	[Nm]	--	160	160	150	150	140	130
Maximum Acceleration Torque	[Nm]	--	220	220	210	200	190	180
Emergency Stop Torque	[Nm]	--	480	480	450	450	420	390
No Load Running Torque	[Nm]	*1	2.72					
Nominal Input Speed	[rpm]	--	2,000					
Maximum Continuous Input Speed	[rpm]	--	4,000					
Maximum Cyclic Input Speed	[rpm]	--	6,000					
Maximum Radial Load	[N]	*2	8,890					
Maximum Axial Load	[N]	*3	1,860					
Moment of Inertia (≤ Ø19)	[kgcm2]	--	3.07	3.02	2.99	2.96	2.94	2.93
Moment of Inertia (≤ Ø28)	[kgcm2]	--	3.89	3.84	3.81	3.78	3.76	3.75
Moment of Inertia (≤ Ø38)	[kgcm2]	--	9.47	9.42	9.39	9.36	9.34	9.33
Efficiency	[%]	*4	85	84	80	76	73	70
Torsional Rigidity	[Nm/arcmin]	--	17.5					
Maximum Torsional Backlash (Standard)	[Arc-min]	--	≤ 5					
Maximum Torsional Backlash (Zero)	[Arc-min]	--	≤ 0					
Noise Level	dB [A]	*5	≤ 80					
Ambient Temperature	[°C]	--	-25 ~ 100					
Permitted Housing Temperature	[°C]	--	100					
Protection Class	--	--	IP65					
Lubrication	--	--	Synthetic Oil					
Service Life	[Hours]	--	25,000					
Weight	[kg]	*6	15					

*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