EJP 038 1-Stage Specifications

Frame Size			**038**						
Ratio	Unit	Note	5	6	7	8	9	10	15
Nominal Output Torque	[Nm]	--	35	---	---	---	---	46	49
Maximum Acceleration Torque	[Nm]	--	46	---	---	---	---	59	61
Emergency Stop Torque	[Nm]	--	105	---	---	---	---	138	147
No Load Running Torque	[Nm]	*1	0.51						
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	3,110						
Maximum Axial Load	[N]	*3	1,780						
Moment of Inertia (≤ Ø14)	[kgcm2]	--	0.75	---	---	---	---	0.59	0.56
Moment of Inertia (≤ Ø19)	[kgcm2]	--	0.95	---	---	---	---	0.79	0.76
Moment of Inertia (≤ Ø28)	[kgcm2]	--	2.13	---	---	---	---	1.97	1.94
Efficiency	[%]	*4	88	---	---	---	---	86	84
Torsional Rigidity	[Nm/arcmin]	--	3.8						
Maximum Torsional Backlash (Standard)	[Arc-min]	--	≤ 8						
Noise Level	dB [A]	*5	≤ 73						
Ambient Temperature	[°C]	--	-25 ~ 100						
Permitted Housing Temperature	[°C]	--	100						
Protection Class	--	--	IP65						
Lubrication	--	--	Synthetic Oil						
Service Life	[Hours]	--	25,000						
Weight	[kg]	*6	4.1						

*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 038 1-Stage Specifications

Frame Size			**038**					
Ratio	Unit	Note	20	25	30	40	50	60
Nominal Output Torque	[Nm]	--	47	---	46	42	42	38
Maximum Acceleration Torque	[Nm]	--	60	---	56	52	52	47
Emergency Stop Torque	[Nm]	--	141	---	138	126	126	114
No Load Running Torque	[Nm]	*1	0.51					
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	3,110					
Maximum Axial Load	[N]	*3	1,780					
Moment of Inertia (≤ Ø14)	[kgcm2]	--	0.54	---	0.54	0.53	0.53	0.53
Moment of Inertia (≤ Ø19)	[kgcm2]	--	0.74	---	0.74	0.73	0.73	0.73
Moment of Inertia (≤ Ø28)	[kgcm2]	--	1.92	---	1.92	1.91	1.91	1.91
Efficiency	[%]	*4	81	---	76	72	69	66
Torsional Rigidity	[Nm/arcmin]	--	3.8					
Maximum Torsional Backlash (Standard)	[Arc-min]	--	≤ 8					
Noise Level	dB [A]	*5	≤ 73					
Ambient Temperature	[°C]	--	-25 ~ 100					
Permitted Housing Temperature	[°C]	--	100					
Protection Class	--	--	IP65					
Lubrication	--	--	Synthetic Oil					
Service Life	[Hours]	--	25,000					
Weight	[kg]	*6	4.1					

*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