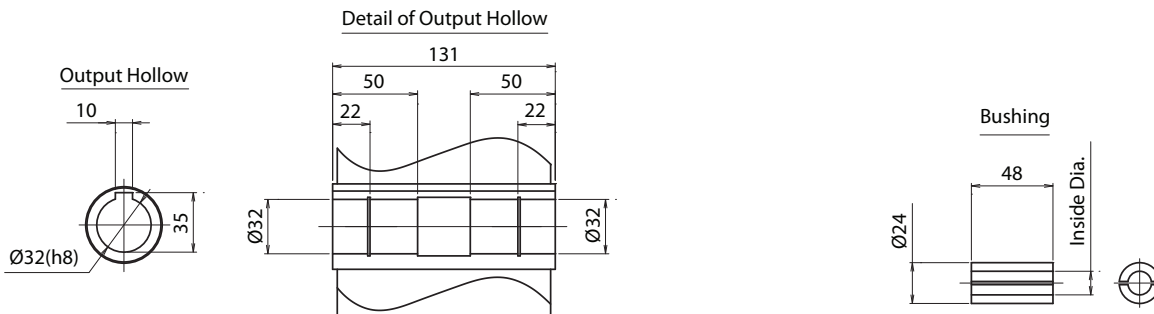
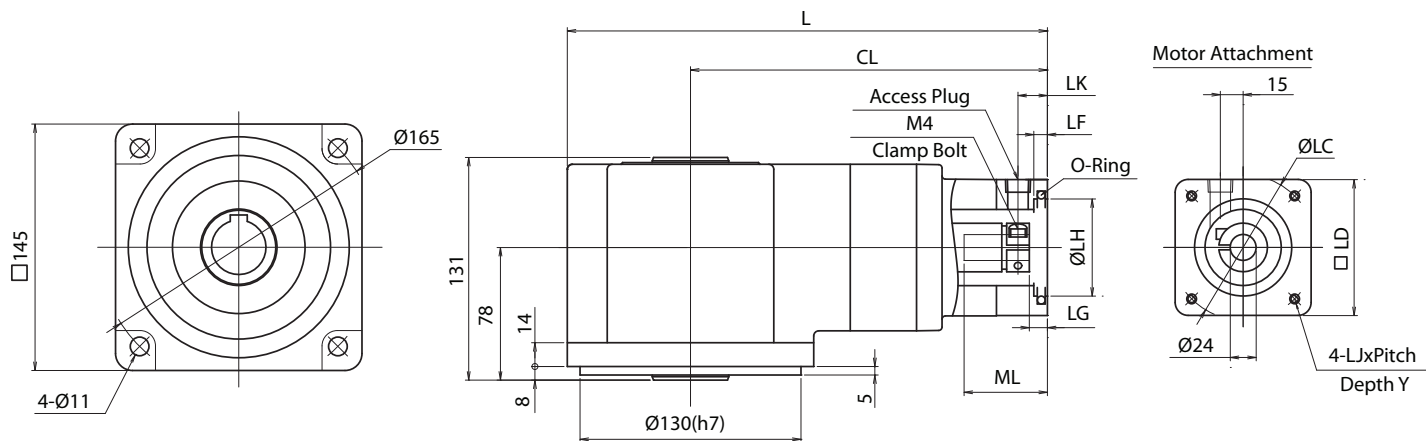
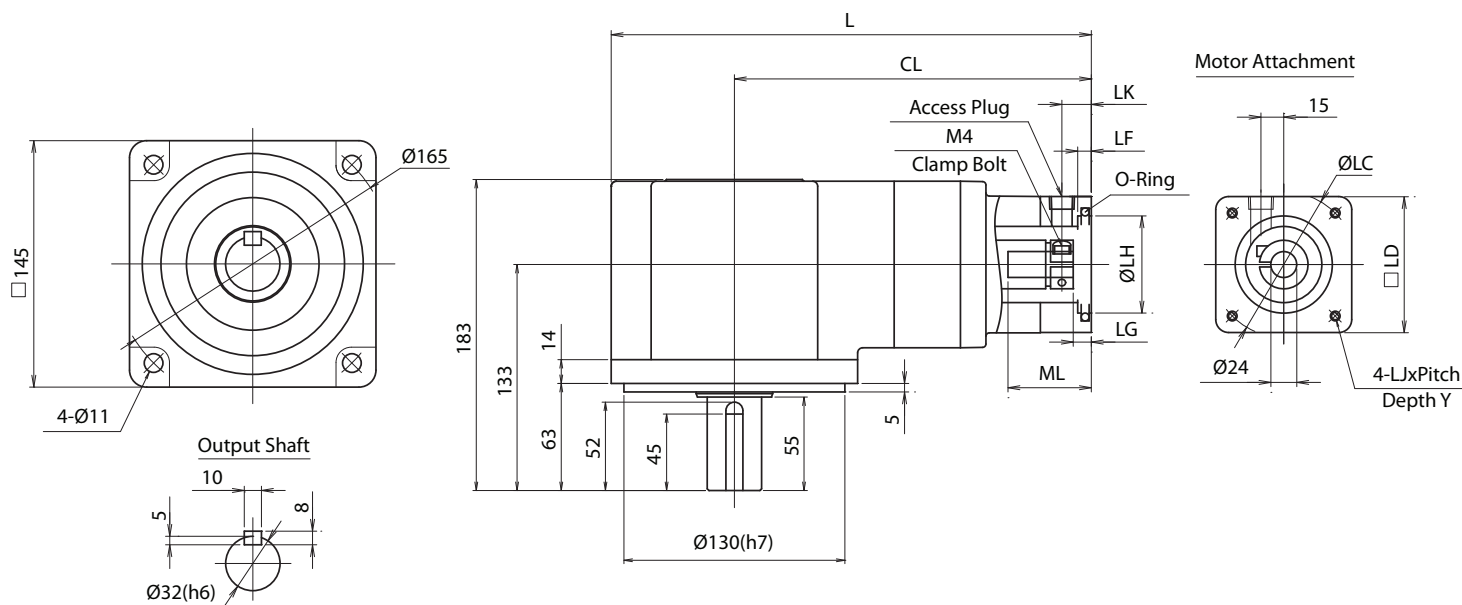


NEV SERIES Right-angle Planetary

NEV E-Frame 2-Stage Specifications

Frame Size	E (145mm)					
Ratio	Units	Note	5	9	15	27
Nominal Output Torque	[Nm]	--	50	50	55	60
Maximum Acceleration Torque	[Nm]	--	100	140	140	180
Emergency Stop Torque	[Nm]	--	250	250	250	300
Nominal Input Speed	[rpm]	--	3000			
Maximum Input Speed	[rpm]	--	6000			
No Load Running Torque	[Nm]	--	1.21			
Permitted Radial Load	[N]	--	3000	3000	3000	4000
Permitted Axial Load	[N]	--	1500	1500	1500	2000
Moment of Inertia ($\leq \varnothing 19$)	[kgcm ²]	--	--	--	--	--
Moment of Inertia ($\leq \varnothing 24$)	[kgcm ²]	--	3.559	2.940	1.193	2.044
Efficiency	[%]	--	85			
Torsional Rigidity	[Nm/arcmin]	--	3.2	4.0	4.0	4.0
Maximum Torsional Backlash	[Arc-min]	--	≤ 30			
Noise Level	[dB]	--	≤ 74			
Protection Class	--	--	IP65			
Ambient Temperature	[°C]	--	0-40			
Permitted Housing Temperature	[°C]	--	90			
Weight (Solid Output Shaft)	[kg]	--	11.0			
Weight (Hollow Output Shaft)	[kg]	--	10.0			

NEV E-Frame (145mm) 2-Stage Dimensions – Ratios: 5:1, 9:1, 15:1, 27:1



NEV

NEV SERIES Right-angle Planetary

NEV E-Frame 3-Stage Specifications

Frame Size	E (145mm)				
Ratio	Units	Note	45	75	105
Nominal Output Torque	[Nm]	--	80	90	90
Maximum Acceleration Torque	[Nm]	--	180	180	180
Emergency Stop Torque	[Nm]	--	300	300	300
Nominal Input Speed	[rpm]	--	3000		
Maximum Input Speed	[rpm]	--	6000		
No Load Running Torque	[Nm]	--	0.961		
Permitted Radial Load	[N]	--	4000	4000	4000
Permitted Axial Load	[N]	--	2000	2000	2000
Moment of Inertia ($\leq \varnothing 19$)	[kgcm ²]	--	1.878	1.303	1.184
Moment of Inertia ($\leq \varnothing 24$)	[kgcm ²]	--	--	--	--
Efficiency	[%]	--	80		
Torsional Rigidity	[Nm/arcmin]	--	4.0		
Maximum Torsional Backlash	[Arc-min]	--	≤ 30		
Noise Level	[dB]	--	≤ 69		
Protection Class	--	--	IP65		
Ambient Temperature	[°C]	--	0-40		
Permitted Housing Temperature	[°C]	--	90		
Weight (Solid Output Shaft)	[kg]	--	11.4		
Weight (Hollow Output Shaft)	[kg]	--	10.4		

NEV E-Frame (145mm) 3-Stage Dimensions – Ratios: 45:1, 75:1, 105:1

