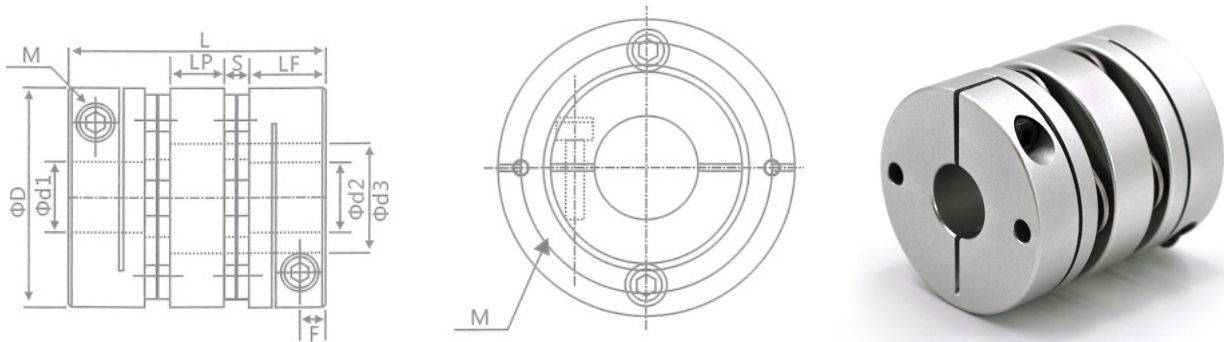


## GL Aluminum Alloy Double Diaphragm Coupling Series



Dimensions (Unit: mm)

Data Model No.	Motor Shaft Dia d1, d2	ΦD	L	LF	LP	d3	S	F	M	Fastening Screws Torque (N. M)
GL-19X27	3, 4, 5, 6, 6.35, 7, 8	19	27	9.1	5.2	Φ9	1.8	3.3	M2.5	1
GL-26X35	5, 6, 6.35, 7, 8, 9, 9.525, 10, 11, 12, 14	26	35	11.65	6.5	Φ12.5	2.6	3.9	M3	1.5
GL-32X41	5, 6, 6.35, 7, 8, 9, 9.525, 10, 11, 12, 12.7, 14, 15,	32	45	12.25	9.5	Φ15	3.5	3.85	M3	1.5
GL-34X45	5, 6, 6.35, 7, 8, 9, 9.525, 10, 11, 12, 12.7, 14, 15, 16	34	45	14.25	9.5	Φ16	4.5	4.85	M4	2.5
GL-39X50	8, 9, 9.525, 10, 11, 12, 12.7, 14, 15, 16, 17, 18, 19	39	50	14.9	11.2	Φ9.3	4.5	5	M4	2.5
GL-44X50	8, 9, 9.525, 10, 11, 12, 12.7, 14, 15, 16, 17, 18, 19, 20, 22	44	50	14.9	11.2	Φ2.5	4.5	5	M4	2.5
GL-50X63	8, 9, 9.525, 10, 11, 12, 12.7, 14, 15, 16, 17, 18, 19, 20, 22, 24, 25	50	63	20.6	12.5	Φ23	4.8	6	M5	7
GL-56X64	10, 12, 14, 15, 16, 17, 18, 19, 20, 22, 24, 25, 28, 30, 32	56	64	19.75	13.5	Φ2.5	5.5	6.4	M5	7
GL-68X75	12, 14, 15, 16, 17, 18, 19, 20, 22, 24, 25, 28, 30, 32, 35, 38	68	75	23.35	15.7	Φ38.3	6.3	7.7	M6	12
GL-82X98	17, 18, 19, 20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	82	98	30	22	Φ45.5	8	9.7	M8	20

Technical Parameters

Data Model No.	Rated Torque (N. M)*	Allowable Eccentricity (mm)*	Allowable Deflection Angle (°)*	Allowable Axial Deviation (mm)*	Maximum Speed (rpm)	Static Torsional Stiffness (N. M/rad)	Moment of Inertia (Kg. M <sup>2</sup> )	Shaft Sleeve Material	Elastomer Material	Surface Treatment	Weight (g)
GL-19X27	1	0.12	1.5	±0.18	10000	170	9.1x10 <sup>-7</sup>	High-strength aluminum alloy	SUS304 Spring steel	Anodizing treatment	14.6
GL-26X35	1.5	0.15	1.5	±0.3	10000	820	3.0x10 <sup>-6</sup>				37
GL-32X41	2	0.17	1.5	±0.36	10000	1750	1.0x10 <sup>-5</sup>				67
GL-34X45	3	0.17	1.5	±0.36	10000	1860	1.1x10 <sup>-5</sup>				77
GL-39X50	6	0.22	1.5	±0.45	10000	2860	3.0x10 <sup>-6</sup>				118
GL-44X50	9	0.22	1.5	±0.54	10000	3300	3.8x10 <sup>-5</sup>				144
GL-50X63	18	0.1	1.5	±0.54	10000	3300	3.0x10 <sup>-5</sup>				235
GL-56X64	25	0.27	1.5	±0.72	10000	9480	1.6x10 <sup>-4</sup>				318
GL-68X75	60	0.31	1.5	±0.8	9000	19000	2.0x10 <sup>-4</sup>				492
GL-82X98	100	0.55	1.5	±0.8	8000	28450	2.5x10 <sup>-4</sup>				1013

Note: The coupling must be used within the allowable value range