

SPRFLEX AL - Datasheet

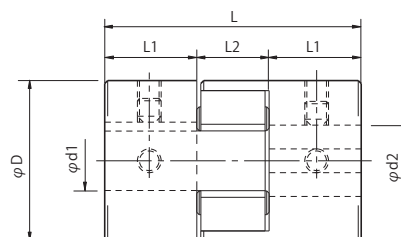
■ Dimensions

Unit [mm]

Model	d1 • d2			D	L	L1	L2
	Pilot bore	Min.	Max.				
AL-035	4	4	8	16.1	20.5	6.5	7.5 ^{*1}
AL-050	5	6	16	27	43.2	15.5	12.2
AL-070	5	6	20	35	49.2	18.5	12.2
AL-075	5	7	26	45	54.4	21.0	12.4
AL-090	5	9	28	54	55.0	21.0	13.0
AL-095	5	9	28	55	61.0	24.0	13.0
AL-100	5	11	36	66	88.0	35.0	18.0
AL-110	5	11	48	85	110.0	44.0	22.0

* "Pilot bore" refers to center processing. Minimums and maximums for d1 and d2 are values at the MIKI PULLEY standard hole-drilling standards.

* The value marked *1 leaves a 1 mm space for the thickness of the spider body.



■ Specifications

Model	Torque		Misalignment			Max. rotation speed [min ⁻¹]	Moment of inertia [kg·m ²]	Mass [kg]
	Nominal [N·m]	Max. [N·m]	Parallel [mm]	Angular [°]	Axial [mm]			
AL-035	0.5	1.5	0.1	0.5	+ 0.3	18000	0.38×10^{-6}	0.01
AL-050	1.5	4.5	0.2	1.0	± 0.5	12000	5.10×10^{-6}	0.06
AL-070	3	9	0.2	1.0	± 0.5	9000	1.79×10^{-5}	0.12
AL-075	5	15	0.2	1.0	± 0.5	7000	5.36×10^{-5}	0.21
AL-090	8	24	0.3	1.0	± 0.5	6000	1.15×10^{-4}	0.31
AL-095	10	30	0.3	1.0	± 0.5	6000	1.40×10^{-4}	0.36
AL-100	25	75	0.3	1.0	± 0.7	5000	4.34×10^{-4}	0.78
AL-110	50	150	0.3	1.0	± 0.7	4000	1.43×10^{-3}	1.56

* Max. rotation speed does not take into account dynamic balance or mounting misalignment.

* The moment of inertia and mass are measured for the pilot bore.