

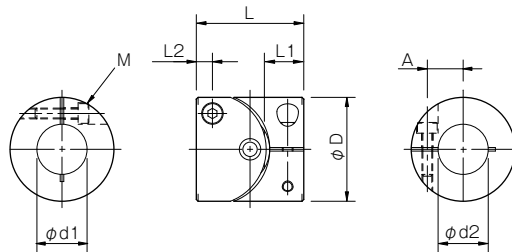
PARAFLEX CPE - Datasheet

Specifications

Model	Torque		Misalignment		Max. rotation speed [min ⁻¹]	Static torsional stiffness [N·m/rad]	Moment of inertia [kg·m ²]	Mass [kg]
	Nominal [N·m]	Max. [N·m]	Parallel [mm]	Angular [°]				
CPE-19	0.7	1.4	0.2	1	6000	500	0.69 × 10 ⁻⁶	0.015
CPE-29	2	4	0.2	1	6000	700	5.80 × 10 ⁻⁶	0.050
CPE-39	5	10	0.2	1	6000	1900	18.50 × 10 ⁻⁶	0.080

- Torques for CPE-19 are values when the bore diameter is at least equal to 4 mm.
- Higher rpm possible with balancing.
- The moment of inertia and mass are specified for the maximum bore diameter.

Dimensions



Model	d1 · d2		D	L	L1	L2	M	A	Unit [mm]
	Min.	Max.							
CPE-19	3	8	19	19.4	6	2.75	M2.5	6	
CPE-29	6	14	29	30	9.5	4.5	M3	10	
CPE-39	8	20	39	40	12.5	6	M4	14	

- Insert the shaft to at least the dimension L1. (Note that the shaft cannot go all the way through.)
- The recommended processing tolerance for paired mounting shafts is the h7 class.

Standard Bore Diameter

Model	Standard bore diameter d1, d2 [mm]																
	3	4	5	6	6.35	7	8	9.525	10	11	12	14	15	16	18	19	20
CPE-19	○	●	●	●	●	●	●										
CPE-29				●	●	●	●	●	●	●	●	●					
CPE-39							●	●	●	●	●	●	●	●	●	●	●

- Torque on the CPE-19 with a bore diameter of 3 mm is limited by holding force in the shaft coupling component, so nominal torque is 0.4 N·m and maximum torque is 0.8 N·m.
- Special bore diameters are possible at extra charge.

How to Place an Order

CPE-19-6B-6B

Size Bore diameter: d1 (Small diameter) – d2 (Large diameter)
 Material: Hub- Aluminum B: Clamping hub