

**Basic dimensions**

MODEL	ØD	L	B	F	G	M
MLC 13	13	19	5.5	2.5	5.3	2
MLC 16	16	23	7	3	6.6	2.5
MLC 20	20	26	7.5	3.7	8	2.5
MLC 25	25	30	9	4	10	3
MLC 32	32	41	12.4	6	15	4
MLC 40	40	47	15.5	7.8	19.5	5
MLC 50	50	53	18	9	25	6

**Standard bore sizes**

MLC 13	3	4	5			
MLC 16	4	5	6			
MLC 20	4	5	6	6.35	8	
MLC 25	5	6	6.35	8	10	
MLC 32	6	8	10	12	14	
MLC 40	8	10	12	14	16	18
MLC 50	14	16	18	20	22	24

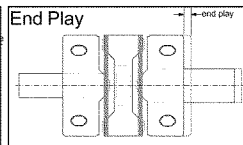
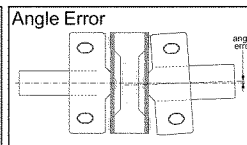
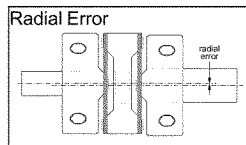
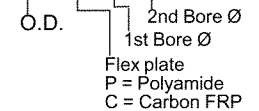
Custom bore sizes available

**Functional characteristics**

MODEL		Rated torque	Max. speed	rigidity	radial error	angle error	end play	mom inertia	Mass
MLC13	P	0.25	12k	44	0.3	3.5	±0.2	8.0x10 <sup>-8</sup>	5
	C	0.35	12k	80	0.2	2.5	±0.2		
MLC16	P	0.4	9k	70	0.3	3.5	±0.3	2.4x10 <sup>-7</sup>	9
	C	0.6	9k	130	0.2	2.5	±0.3		
MLC20	P	0.6	7.6k	130	0.3	3.5	±0.4	7.2x10 <sup>-7</sup>	14
	C	0.9	7.6k	220	0.2	2.5	±0.3		
MLC25	P	1.4	6k	240	0.3	3.5	±0.5	2.2x10 <sup>-6</sup>	27
	C	2.2	6k	440	0.2	2.5	±0.4		
MLC32	P	2.6	4.8k	560	0.3	3.5	±0.5	6.0x10 <sup>-6</sup>	60
	C	3.8	4.8k	960	0.2	2.5	±0.4		
MLC40	P	4.4	3.8k	980	0.4	3.5	±0.6	1.7x10 <sup>-5</sup>	104
	C	6.8	3.8k	1900	0.3	2.5	±0.5		
MLC50	P	7.0	3k	1100	0.4	3.5	±0.6	4.6x10 <sup>-5</sup>	210
	C	11.0	3.2k	2250	0.3	2.5	±0.5		

N•m RPM N•m/rad mm ° mm kg•m<sup>2</sup> g  
 —P=Polyamide flex-plate, C=Carbon FRP flex-plate

**ORDERING GUIDE**  
**MLC XX X-X-X**



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PART NO. **MLC Couplings** REV. **A**