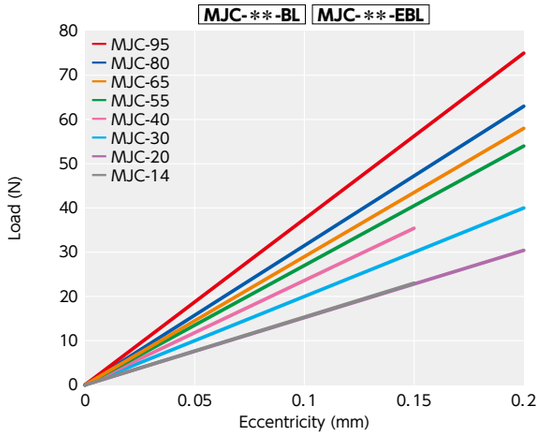
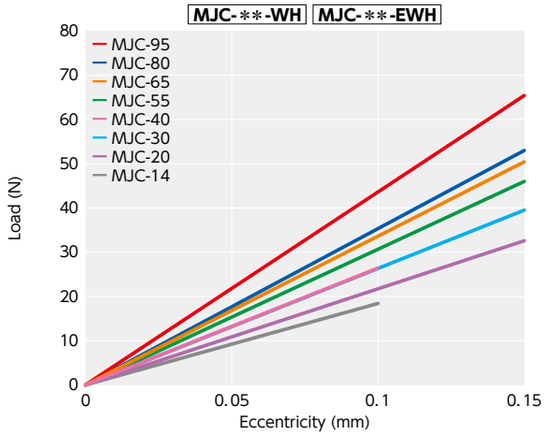
Technical Information

● Eccentric Reaction Force

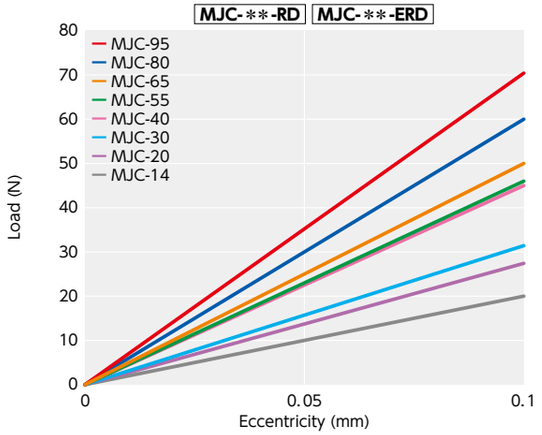
MJC-**-BL MJC-**-EBL



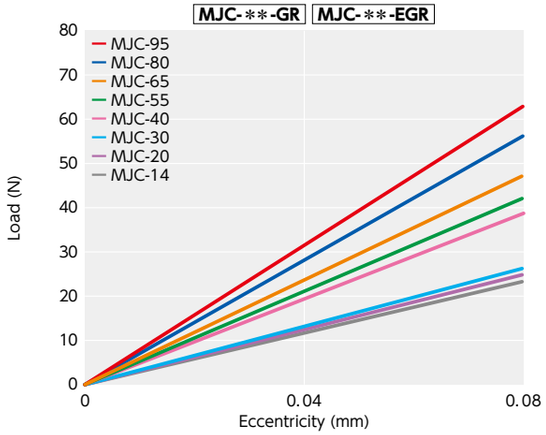
MJC-**-WH MJC-**-EWH



MJC-**-RD MJC-**-ERD

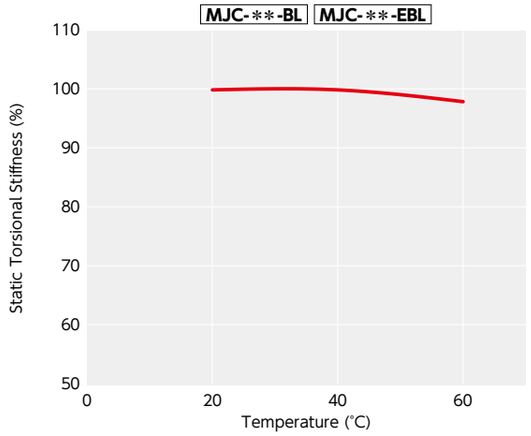


MJC-**-GR MJC-**-EGR

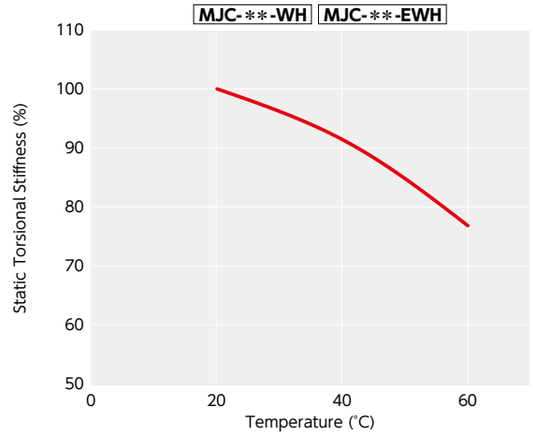


● Change in static torsional stiffness due to temperature

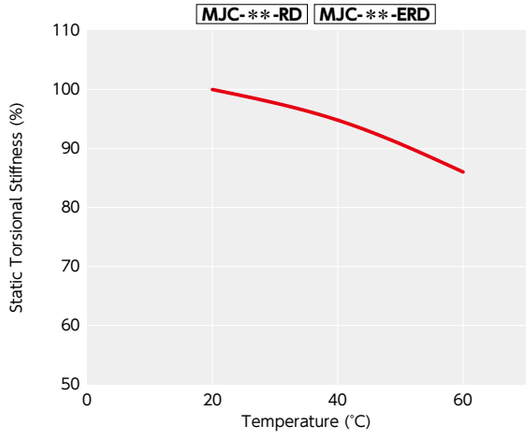
MJC-**-BL MJC-**-EBL



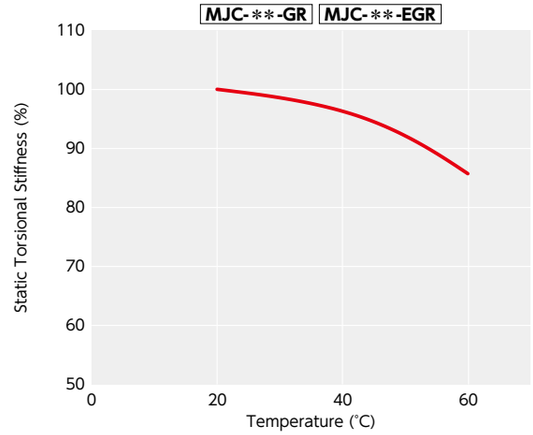
MJC-**-WH MJC-**-EWH



MJC-**-RD MJC-**-ERD



MJC-**-GR MJC-**-EGR



This is a value under the condition where the static torsional stiffness at 20℃ is 100%.
The change of torsional stiffness within the range of allowable operating temperature is as shown in the graph.
Before using the unit, be aware of the deterioration of responsiveness.

● Slip Torque

Concerning the sizes shown in the table, please note that the shaft's slip torque is smaller than the max. torque of **MJC-CS**.

Unit : N・m

Part Number	Bore Diameter (mm)																																
	3	4	4.5	5	6	6.35	7	8	9.525	10	11	12	14	15	16	17	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50	55
MJC-14CS	0.8	1.4	1.7	2.1	1.3	1.4	1.5																										
MJC-20CS		3.4	4.1	4.9	6.4	6.9	7.9	9.4	5.1	6	8																						
MJC-30CS					4	4.9	6.6	9.3	13.4	14.6	17.3	20	15.3	21.2	27.2																		
MJC-40CS								18	23.2	24.8	28.2	31.7	38.5																				
MJC-55CS									29.9	33	39.5	46	59	65.5	72	78.5	85	91.5	98	111	124	130		117	124								
MJC-65CS													104	118	133	148	162	177	192	221	251	265	310	339	368	185	200						
MJC-80CS																			151	170	189	198	227	246	265	293	322	341	360	500			
MJC-95CS																						347	415	460	500	500	500	500	500	500	500	500	500

● These are test values based on the condition of shaft's dimensional allowance: h7, hardness: from 34 - 40 HRC, and screw tightening torque of the values described in **MJC-CS** dimensional table.

● Slip Torque

Concerning the sizes shown in the table, please note that the shaft's slip torque is smaller than the max. torque of **MJC-CS**.

Unit : N・m

Part Number	Bore Diameter (inch)																						
	1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4
MJC-14CS	0.9	1.9	1.4																		
MJC-20CS		4.5	6.9	9.3	5.1																
MJC-30CS			4.9	9.1	13.4	17.6	7.5	17	26.4												
MJC-40CS				17.7	23.2	28.6	34.1	39.5													
MJC-55CS					29.9	40.2	50.5	60.8	71.1	81.5	91.8	102	112	122	133	112	123				
MJC-65CS							85	108	131	155	178	201	225	248	271	318	365	184	200		
MJC-80CS								96	111	126	141	157	172	187	202	232	262	292	322	353	500
MJC-95CS												249	285	320	356	428	500	500	500	500	500

● These are test values based on the condition of shaft's dimensional allowance: h7, hardness: from 34 - 40 HRC, and screw tightening torque of the values described in **MJC-CS** dimensional table.