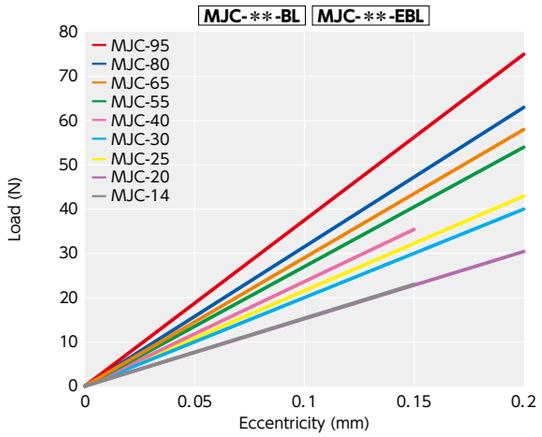
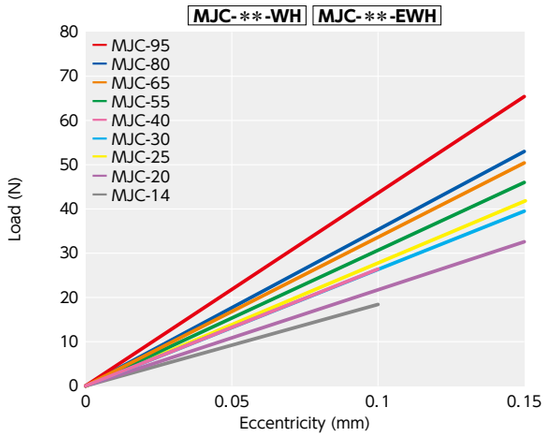
Technical Information

● Eccentric Reaction Force

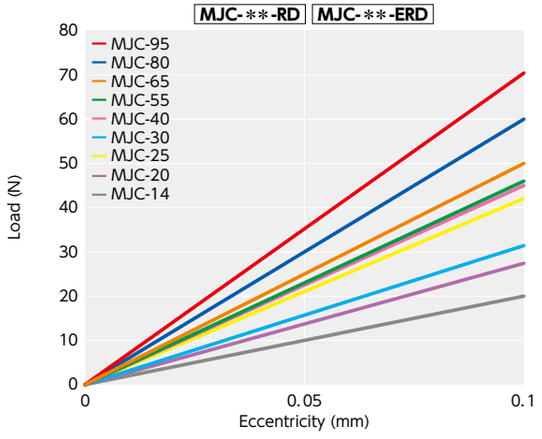
MJC-****-BL** **MJC-******-EBL**



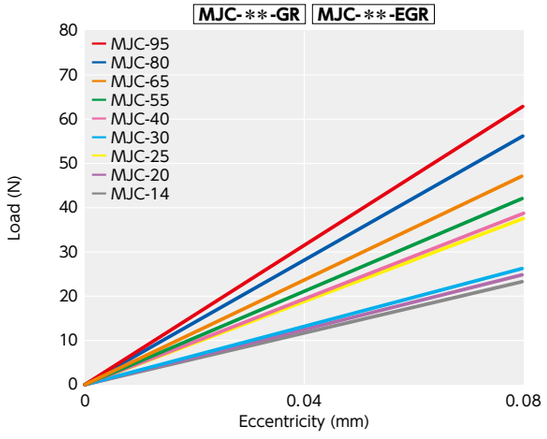
MJC-****-WH** **MJC-******-EWH**



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



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



● 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**.

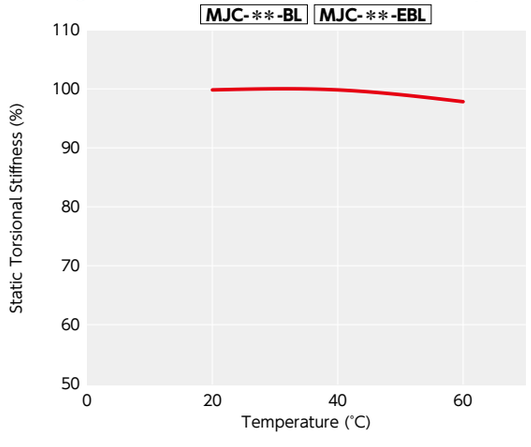
Unit : N・m

Part Number	Bore Diameter (mm)																														
	3	4	4.5	5	6	6.35	7	8	9.525	10	11	12	14	15	16	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-25CS		1.7	2.4	3.2	4.8	5.3	6.4	7.9	10	11	8.1	9.4																			
MJC-30CS					4	4.9	6.6	9.3	13	14	17	20	15	21	27																
MJC-40CS								18	23	24	28	31	38																		
MJC-55CS									29	33	39	46	59	65	72	85	91	98	110	120	130		110	120							
MJC-65CS													100	110	130	160	170	190	220	250	260	310	330	360	180	200					
MJC-80CS																		150	170	180	190	220	240	260	290	320	340	360	500		
MJC-95CS																					340	410	460	500	500	500	500	500	500	500	500

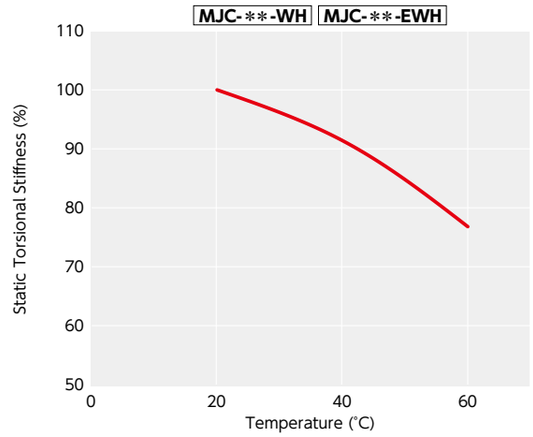
● These are test values based on the condition of shaft's dimensional allowance: h7, hardness: from 34 - 40 HRC, and screw tightening torque of the values described in **MJC-CS** dimensional table.

● Change in static torsional stiffness due to temperature

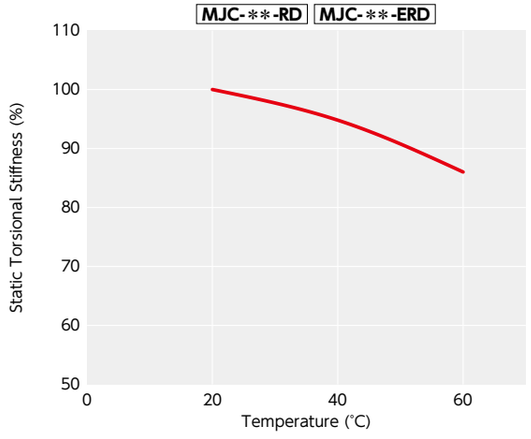
MJC-****-BL** **MJC-******-EBL**



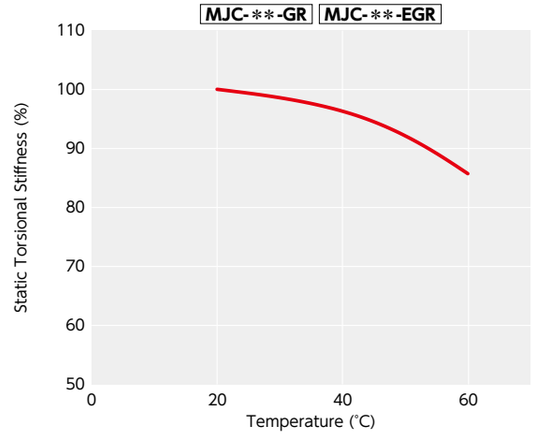
MJC-****-WH** **MJC-******-EWH**



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 (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-25CS		2.9	5.3	7.8	10	8.2	10														
MJC-30CS			4.9	9.1	13	17	7.5	17	26												
MJC-40CS				17	23	28	34	39													
MJC-55CS					29	40	50	60	71	81	91	100	110	120	130	110	120				
MJC-65CS							85	100	130	150	170	200	220	240	270	310	360	180	200		
MJC-80CS											140	150	170	180	200	230	260	290	320	350	500
MJC-95CS															350	420	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.

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