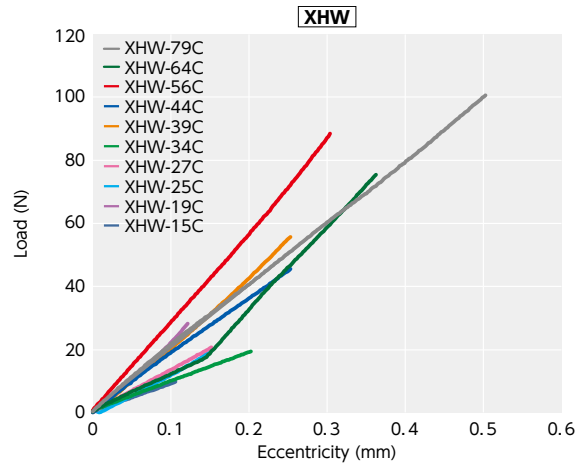
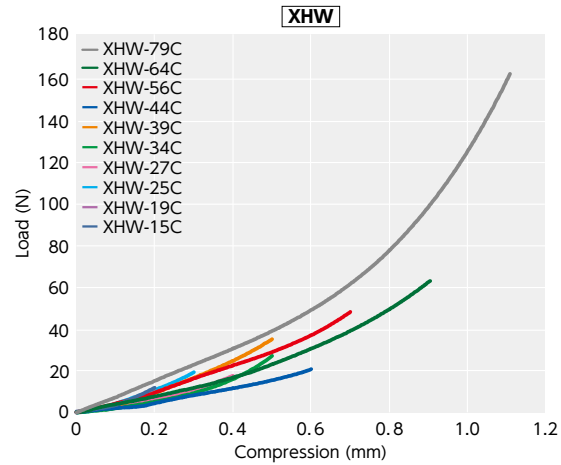


Technical Information

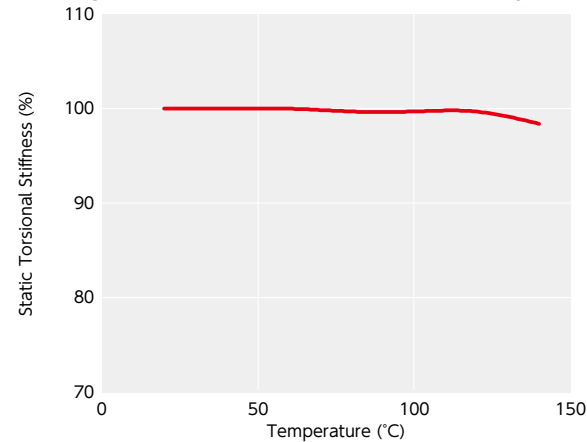
• Eccentric Reaction Force



• Thrust Reaction Force



• Change in static torsional stiffness due to temperature



This is a value under the condition where the static torsional stiffness at 20°C is 100%. The change of **XHW** in torsional stiffness due to temperature is small and the change in responsiveness is extremely small. However, if the unit is used at higher temperature, be careful about misalignment due to elongation or deflection of the shaft associated with thermal expansion.

• Slip Torque

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

Part Number	Bore diameter (mm)													
	3	4	5	6	6.35	8	9.525	10	11	12	14	15	16	
XHW-15C	0.7													
XHW-19C	0.7	1.7	3											
XHW-25C		2.5	3.6	4.7	5									
XHW-27C		2	2.9	4	4.2	5.8								
XHW-34C			3.5	4.9	5.5	7.9	10.5	11.2	12.5					
XHW-39C				6	8	13	18	19.5	23					
XHW-44C						8	13	15	20.5	26				
XHW-56C							22	34	37	45	55	66		
XHW-64C								23	42	60	88			
XHW-79C												140	150	180
XHW-19C-L	0.7	1.7	3											
XHW-25C-L		2.5	3.6	4.7	5									
XHW-27C-L		2	2.9	4	4.2	5.8								
XHW-34C-L			3.5	4.9	5.5	7.9	10.5	11.2	12.5					
XHW-39C-L				6	8	13	18	19.5	23					

• 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 **XHW-C** **XHW-C-L** dimensional table.

• Comparison of static torsional stiffness (double disk-type)

XHW have high torsional stiffness and responsiveness.

Optimal for high-speed and precision positioning for servomotors, etc.

