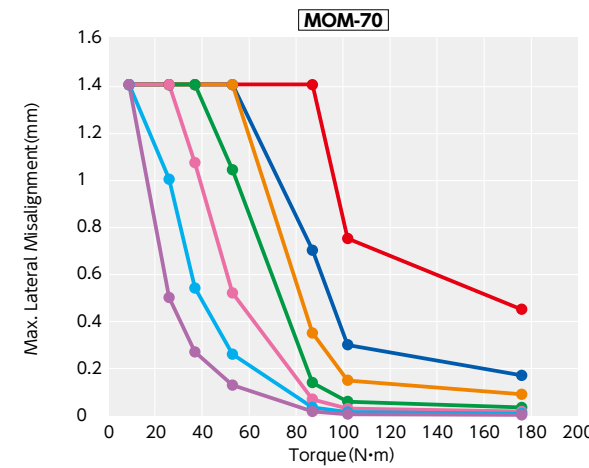
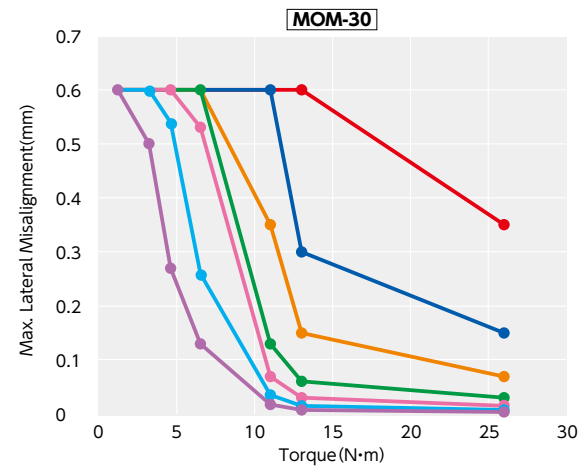
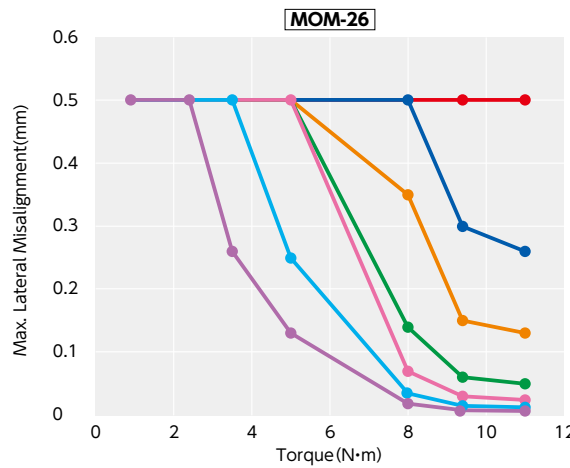
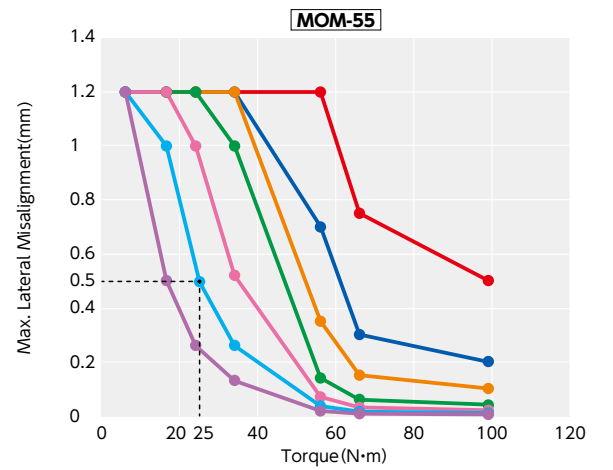
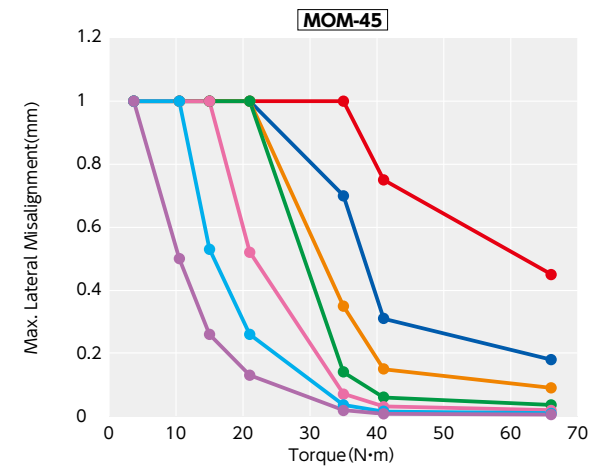
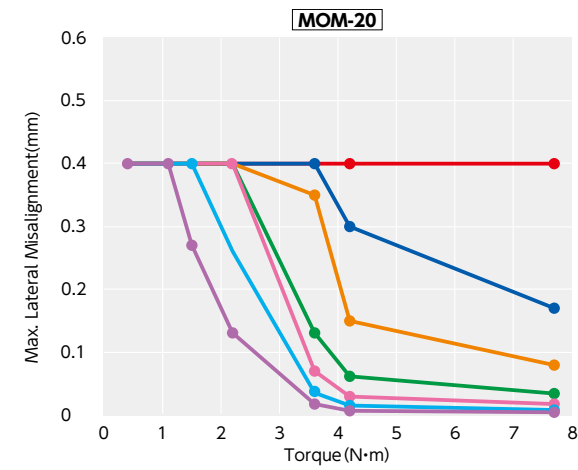
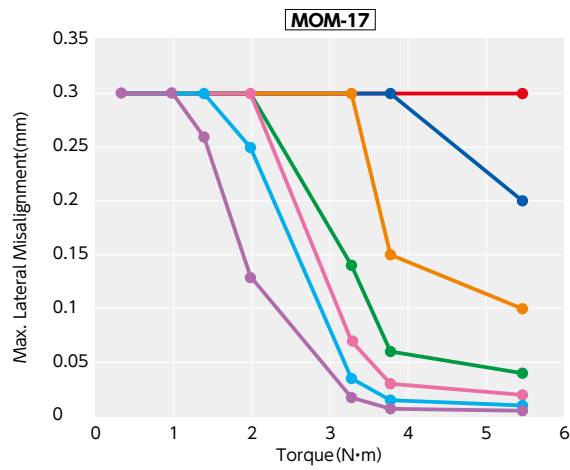
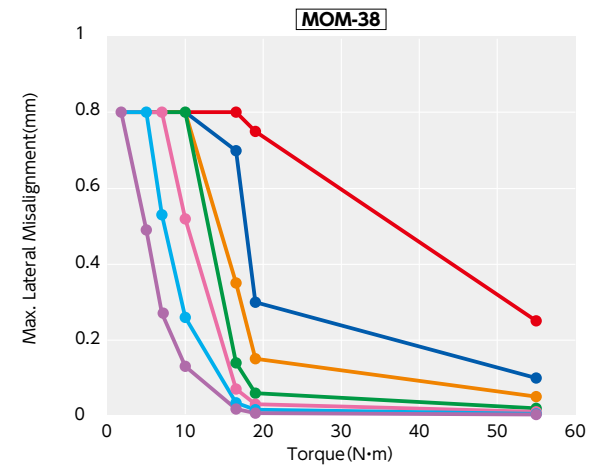
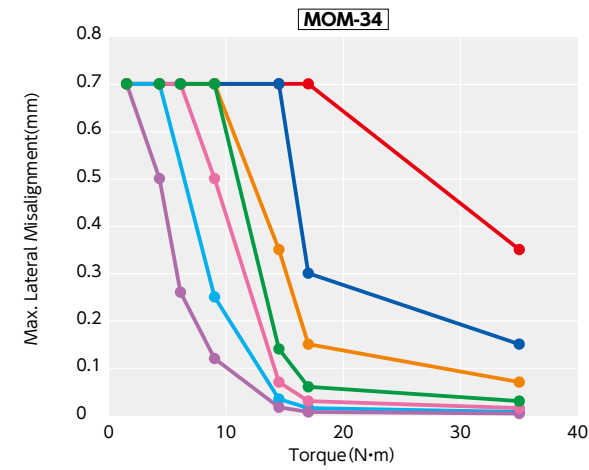
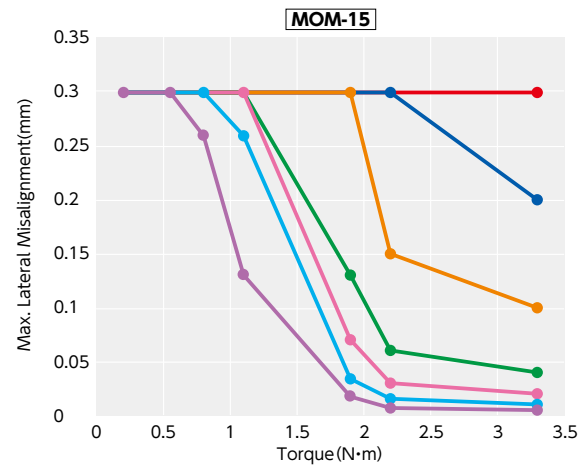
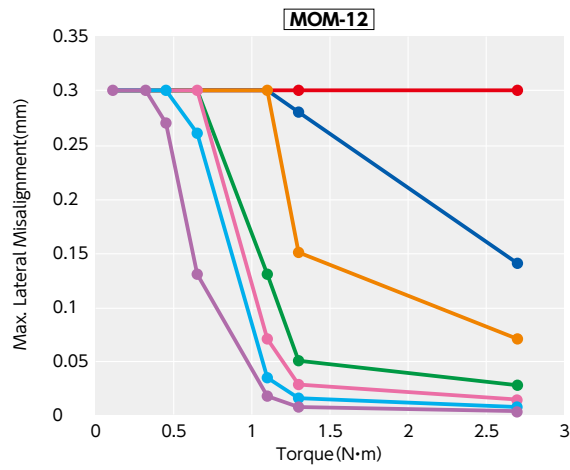


Technical Information

● **Max. Lateral Misalignment**

MOM's max. lateral misalignment varies depending on the load torque and revolution.



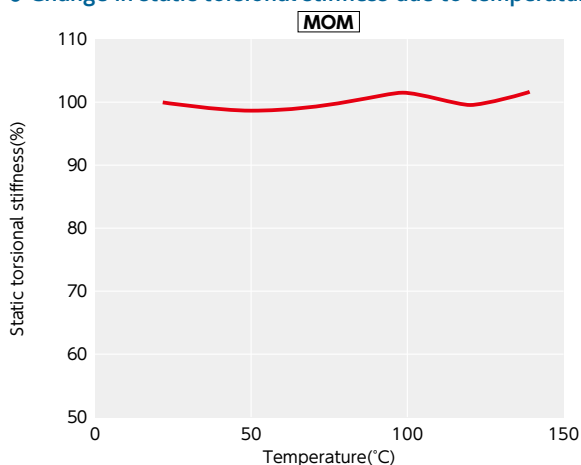
● Example
When load torque is 25 N·m and revolution is 1000 min⁻¹, the max. lateral misalignment of **MOM-55** is 0.5 mm.



MOM Flexible coupling - Oldham - type

 WEB Selection Tool
  WEB CAD Download
  High torque
  High Rigidity

● 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%.

MOM's change in torsional stiffness due to temperature is small and the change in responsiveness is extremely small. However, if the unit is used under 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 following table, please note that the shaft's slip torque is smaller than the max. torque of **MOM-C**.

Unit : N · m

Part Number	Bore Diameter																			
	3	4	5	6	6.35	8	10	12	14	15	16	18	20	22	24	25	28	30	35	
MOM-15C	0.3	0.5	0.8	1																
MOM-17C		2.1	3.5	3.7																
MOM-20C			3.8	6	6	6.8	7.5													
MOM-26C				5.4	5.4	5.8	6.6	8.7												
MOM-30C						7.4	12.6	14.4	15.1											
MOM-34C							13	13.2	15.8	16.1	16.8									
MOM-38C							16.4	18.4	20.9	23.1	25.1	28.3	31.6							
MOM-45C								47.9	48.9	56.1	56.8	57.5	62.8							
MOM-55C										42.9	54.1	55.3	56.2	89.3	93.4	97.5				
MOM-70C												62.6	92.9	95.5	97.6	103.9	119	122.1	130	

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