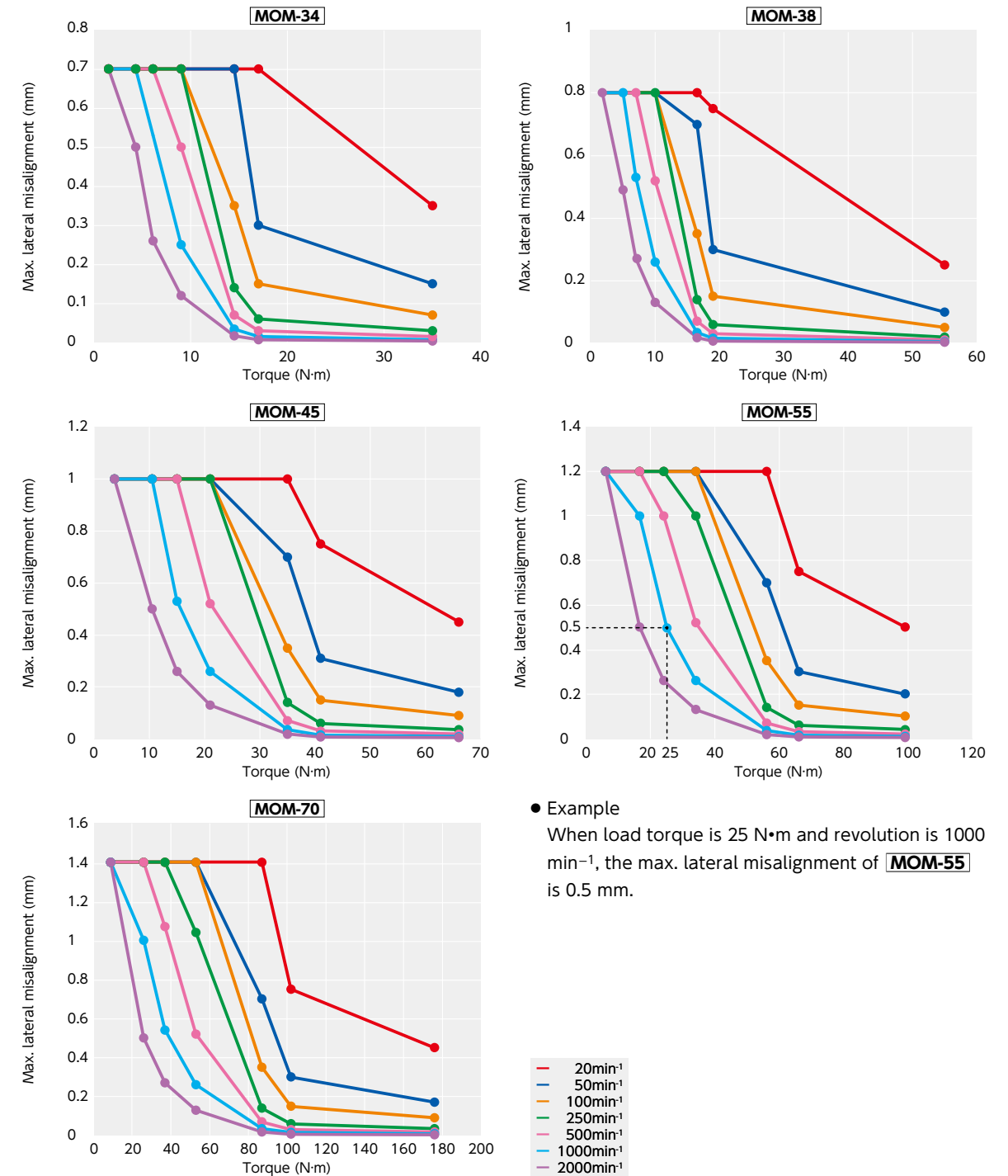
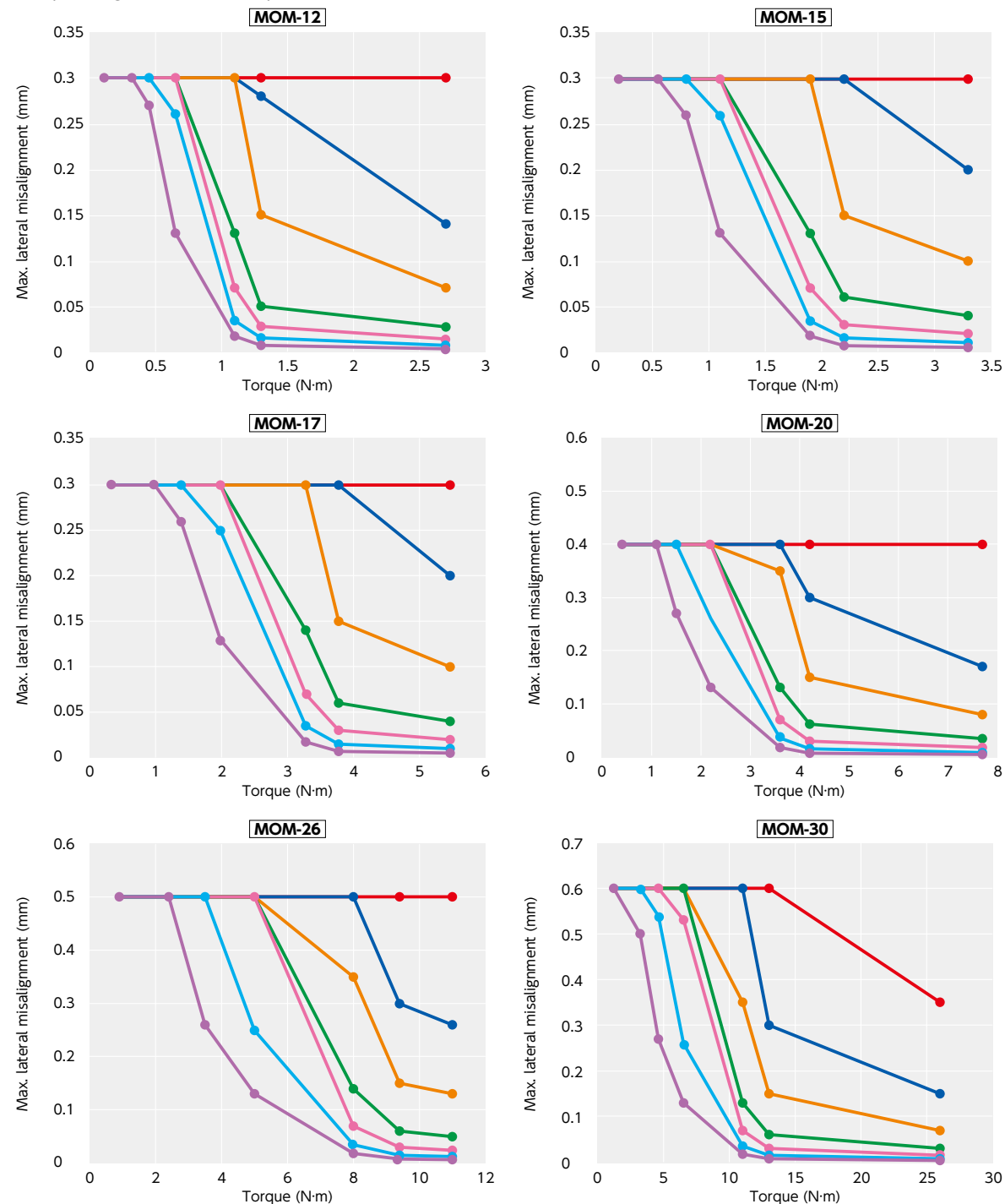


Technical Information

Max. Lateral Misalignment

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

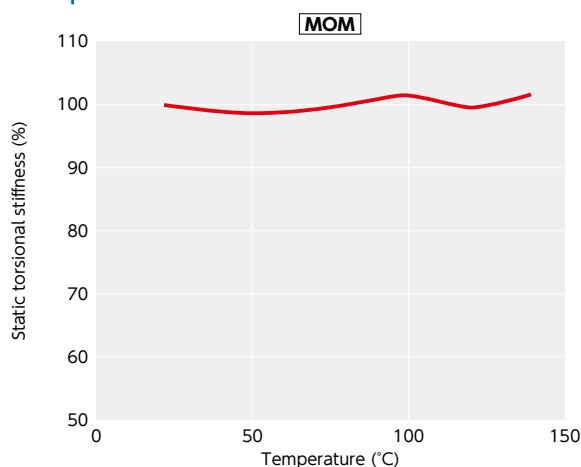


● Example
When load torque is 25 N·m and revolution is 1000 min⁻¹, the max. lateral misalignment of **MOM-55** is 0.5 mm.

MOM Flexible Couplings - Oldham Type



• 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 **MOM** in torsional stiffness due to temperature is small and the change in responsiveness is extremely small.

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

As in the table below, the clamping type **MOM-C** has different slip torque according to the bore diameter. Take care during selection.

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	14	15									
MOM-34C							13	13	15	16	16								
MOM-38C							16	18	20	23	25	28	31						
MOM-45C								47	48	56	56	57	62						
MOM-55C										42	54	55	56	89	93	97			
MOM-70C												62	92	95	97	100	110	120	130

- These are test values based on the conditions of shaft dimensional allowance: h7, hardness: 34 - 40 HRC, and screw tightening torque of the values described in **MOM-C** dimension tables. They are not guaranteed values.
- Slip torque changes with usage conditions. Carry out tests under conditions similar to actual conditions in advance.