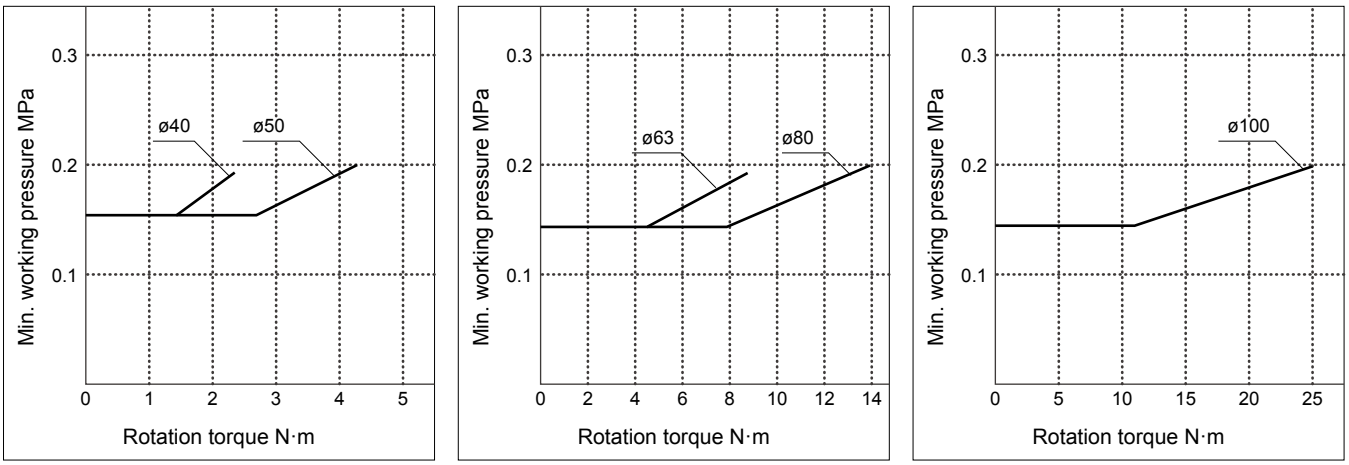
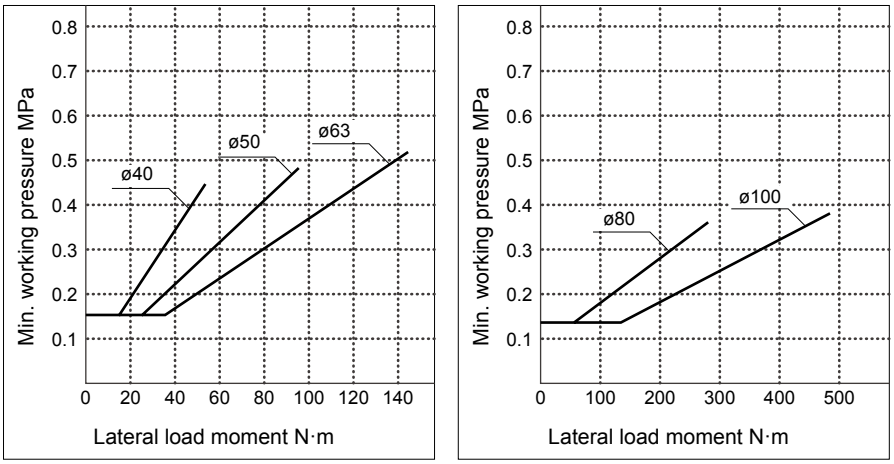
Relation between rotation torque and min. working pressure



Note : Select within the allowable torque. (The ideal torque is 70% or less of the allowable torque.)

Relation between lateral load moment and min. working pressure

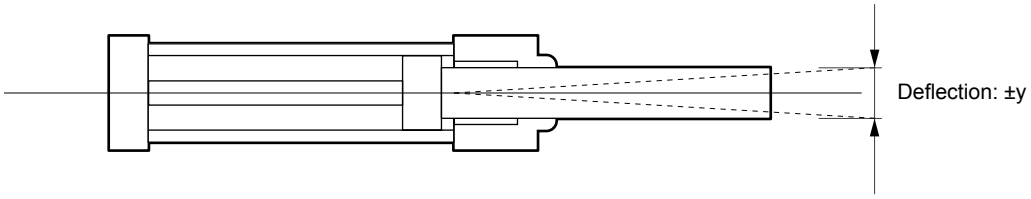


Note : Select within the allowable lateral load moment. (The ideal moment is 70% or less of the lateral load moment.)

Allowable absorbed energy

Bore size	Allowable absorbed energy J
ø40	0.73
ø50	1.01
ø63	2.42
ø80	4.63
ø100	9.94

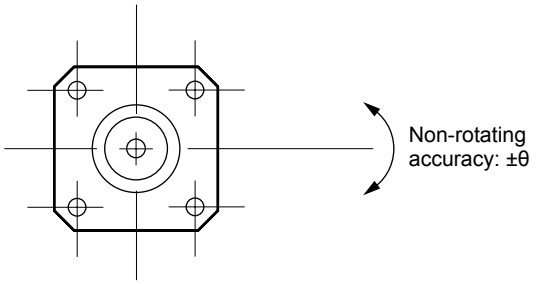
Deflection



(Unit: mm)

Bore size	Deflection: ±y (default value)	Standard stroke length						
		100	200	300	400	500	600	700
ø40	$y = (74 + \text{stroke length}) \times 3.66 \times 10^{-3}$	0.64	1.00	1.37	1.73	2.10	-	-
ø50	$y = (82.5 + \text{stroke length}) \times 3.50 \times 10^{-3}$	0.64	0.99	1.34	1.69	2.04	-	-
ø63	$y = (88 + \text{stroke length}) \times 3.36 \times 10^{-3}$	0.63	0.98	1.30	1.64	1.98	-	-
ø80	$y = (108 + \text{stroke length}) \times 2.80 \times 10^{-3}$	0.58	0.86	1.14	1.42	1.70	1.98	2.26
ø100	$y = (122.5 + \text{stroke length}) \times 2.86 \times 10^{-3}$	0.64	0.92	1.21	1.50	1.78	2.07	2.35

Non-rotating accuracy



(Unit : degree)

Bore size	Non-rotating accuracy : ±θ (default value)
ø40	0.57
ø50	0.38
ø63	0.33
ø80	0.28
ø100	0.24