

Lock Cylinders

Fine Lock Cylinders

Series CLJ2		Series CLM2	
			
P.595		P.595	
Bore size (mm)	Locking direction	Bore size (mm)	Locking direction
ø16	Both directions	ø20 to ø40	Both directions

Series CLG1		Series MLGC	
			
P.595		P.657	
Bore size (mm)	Locking direction	Bore size (mm)	Locking direction
ø20 to ø40	Both directions	ø20 to ø40	Both directions

Lock-up Cylinder

This cylinder is a self-locking type that contains a ring that is tilted by a spring force, which is further tilted by the load that is applied to the cylinder, thus locking the piston rod. This is suitable for intermediate stops, emergency stops, or drop prevention.

Series CL1	
	
P.595	
Bore size (mm)	Locking direction
ø40 to ø160	One direction

Cylinders with Lock

Series CNG		Series MNB	
			
P.669		P.693	
Bore size (mm)	Locking direction	Bore size (mm)	Locking direction
ø20 to ø40	Both directions	ø32 to ø100	Both directions

Series CNA		Series CNS	
			
P.723		P.757	
Bore size (mm)	Locking direction	Bore size (mm)	Locking direction
ø40 to ø100	Both directions	ø125 to ø160	Both directions

Series CLS		Series CLQ	
			
P.781		P.809	
Bore size (mm)	Locking direction	Bore size (mm)	Locking direction
ø125 to ø250	Both directions	ø20 to ø100	One direction

Series RLQ		Series MLU	
			
P.839		P.863	
Bore size (mm)	Locking direction	Bore size (mm)	Locking direction
ø32 to ø63	One direction	ø25 to ø50	One direction

Series MLGP		Series ML1C	
			
P.881		P.909	
Bore size (mm)	Locking direction	Bore size (mm)	Locking direction
ø20 to ø100	One direction	ø25 to ø40	Both directions

Series		Locking method	Locking direction	Bore size (mm)															
				16	20	25	32	40	50	63	80	100	125	140	160	180	200	250	
Fine lock cylinder	CLJ2	Lever + Wedge method	Both directions	●															
	CLM2			●	●	●	●												
	CLG1			●	●	●	●												
Guide cylinder built-in fine lock cylinder	MLGC			●	●	●	●												
Lock-up cylinder	CL1	Cam plate	One direction					●	●	●	●	●	●	●					
Cylinder with lock	CNG	Ball + Taper ring	Both directions		●	●	●	●											
	MNB					●	●	●	●	●									
	CNA						●	●	●	●	●								
	CNS										●	●	●						
	CLS	Eccentric cam	Both directions									●	●	●	●	●	●		
Compact cylinder with lock	CLQ	Cam plate	One direction		●	●	●	●	●	●	●	●							
Compact cylinder with air cushion & lock	RLQ						●	●	●	●									
Plate cylinder with lock	MLU					●	●	●	●										
Compact guide cylinder with lock	MLGP			●	●	●	●	●	●	●	●								
Hy-rodless cylinder	ML1C		Both directions			●	●	●											