





Series Variations


Lock Cylinders

Fine Lock Cylinders


CLJ2 Series		CLM2 Series	
			
P.785		P.801	
Bore size	Locking direction	Bore size	Locking direction
ø16	Both directions	ø20 to ø40	Both directions
CLG1 Series		MLGC Series	
			
P.818		P.853	
Bore size	Locking direction	Bore size	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.

CL1 Series	
	
P.830	
Bore size	Locking direction
ø40 to ø160	One direction

Cylinder with Lock

CNG Series		MNB Series	
			
P.863		P.887	
Bore size	Locking direction	Bore size	Locking direction
ø20 to ø40	Both directions	ø32 to ø100	Both directions
CNA2 Series		CNS Series	
			
P.917		P.953	
Bore size	Locking direction	Bore size	Locking direction
ø40 to ø100	Both directions	ø125 to ø160	Both directions
CLS Series		CLQ Series	
			
P.977		P.1005	
Bore size	Locking direction	Bore size	Locking direction
ø125 to ø250	Both directions	ø20 to ø100	One direction
RLQ Series		MLU Series	
			
P.1033		P.1057	
Bore size	Locking direction	Bore size	Locking direction
ø32 to ø63	One direction	ø25 to ø50	One direction
MLGP Series		ML1C Series	
			
P.1075		P.1105	
Bore size	Locking direction	Bore size	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	●															
	CLM2		●	●	●	●	●											
	CLG1		●	●	●	●												
Guide cylinder/Built-in fine lock cylinder	MLGC		●	●	●	●												
Lock-up cylinder	CL1	Cam plate					●	●	●	●	●	●	●	●	●	●	●	●
Cylinder with lock	CNG	Ball + Taper ring					●	●	●	●	●	●						
	MNB						●	●	●	●	●	●						
	CNA2						●	●	●	●	●	●						
	CNS												●	●	●	●	●	●
Compact cylinder with lock	CLS	Eccentric cam										●	●	●	●	●	●	
Compact cylinder with air cushion and lock	CLQ	Cam plate		●	●	●	●	●	●	●	●	●						
	RLQ						●	●	●	●	●							
	MLU						●	●	●	●	●							
Compact guide cylinder with lock	MLGP		●	●	●	●	●	●	●	●	●							
Mechanically jointed hy-rodless cylinder with brake	ML1C					●	●	●										