

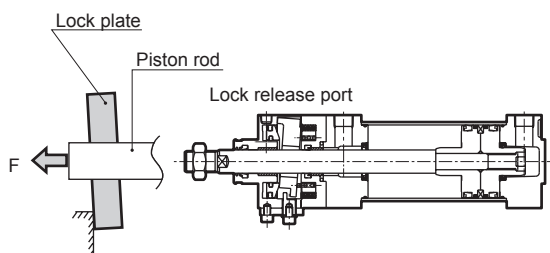
Series variation

Free position locking large bore size cylinder USC Series

LCM
LCR
LCG
LCW
LCX
STM
STG
STS/STL
STR2
UCA2
ULK*
JSK/M2
JSG
JSC3/USC4
USSD
UFCD
USC
UB
JSB3
LMB
LML
HCM
HCA
LBC
CAC4
UCAC2
CAC-N
UCAC-N
RCS2
RCC2
PCC
SHC
MCP
GLC
MFC
BBS
RRC
GRC
RV3*
NHS
HRL
LN
Hand
Chuk
MecHnd/Chuk
ShkAbs
FJ
FK
SpdContr
Ending

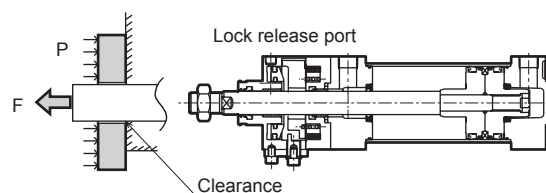
Variation	Model No. JIS symbol	Bore size (mm)	Standard stroke (mm)												(mm) Min. stroke	(mm) Max. stroke	(mm) Available stroke	(per mm) Custom stroke	Mounting		
																			Basic 00	Axial foot LB	
			25	50	75	100	150	200	250	300	350	400	450	500							
Double acting	USC	ø40	●	●	●	●	●	●	●	●	●	●	●	●	1	600	1600	1	●	●	
		ø50	●	●	●	●	●	●	●	●	●	●	●	●			2000		●	●	
		ø63	●	●	●	●	●	●	●	●	●	●	●	2500			●		●		
		ø80	●	●	●	●	●	●	●	●	●	●	●	700		2500	●		●		
		ø100	●	●	●	●	●	●	●	●	●	●	●	800		2500	●		●		
Double acting with coil scraper	USC-G1	ø40	●	●	●	●	●	●	●	●	●	●	●	●	1	600	1600	1	●	●	
		ø50	●	●	●	●	●	●	●	●	●	●	●	2000			●		●		
		ø63	●	●	●	●	●	●	●	●	●	●	2500	●			●				
		ø80	●	●	●	●	●	●	●	●	●	●	700	2500		●	●				
		ø100	●	●	●	●	●	●	●	●	●	●	800	2500		●	●				

Operational explanation



■ Lock operation

When exhausting air from lock release port, the lock plate tilts due to spring force, and the piston rod is held.



■ Unlocked

Air supply from the lock release port brings the lock plate to vertical. This creates a clearance between the lock plate and the piston rod, allowing the rod to move freely.

●: Standard ○: Option ■: Not available

Mounting									Cushion				Option						Accessory					Switch	Page	
	Rod side flange	Head side flange	Head side special flange	Eye bracket	Clevis bracket	Intermediate trunnion	Rod side trunnion	Head side trunnion	Without cushion	Both sides cushioned	Rod side cushioned	Head side cushioned	Bellows (100°C)	Bellows (250°C)	Piston rod material change (stainless steel)	Cushion needle position S	Cushion needle position T	Copper and PTFE free	Rod eye	Rod clevis	Eye bracket	Clevis bracket	Trunnion No. 2 bracket			
	FA	FB	FC	CA	CB	TC	TA	TB	N	B	R	H	J	L	M	S	T	P6	I	Y	B1	B2	B4			
	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	904
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