

CTLA

CTLA HIGH PRESSURE HYDRAULIC SWING CLAMP



CTLA-0402CR

CTLA	Series	CTLA
0402	Body size	0402: $\varnothing D=28.5\text{mm}$ 1002: $\varnothing D=43\text{mm}$
		0602: $\varnothing D=33\text{mm}$ 1602: $\varnothing D=46\text{mm}$
		0802: $\varnothing D=36\text{mm}$ 2502: $\varnothing D=63\text{mm}$
		4002: $\varnothing D=90\text{mm}$
C	Piping Method	B: G Thread Piping Option(No Gasket Port) C: Gasket Option(With G Thread Plug)
R	Swing direction when Clamping	R: Turn right L: Turn left

Note: Speed control valve(CZT) is sold separately.

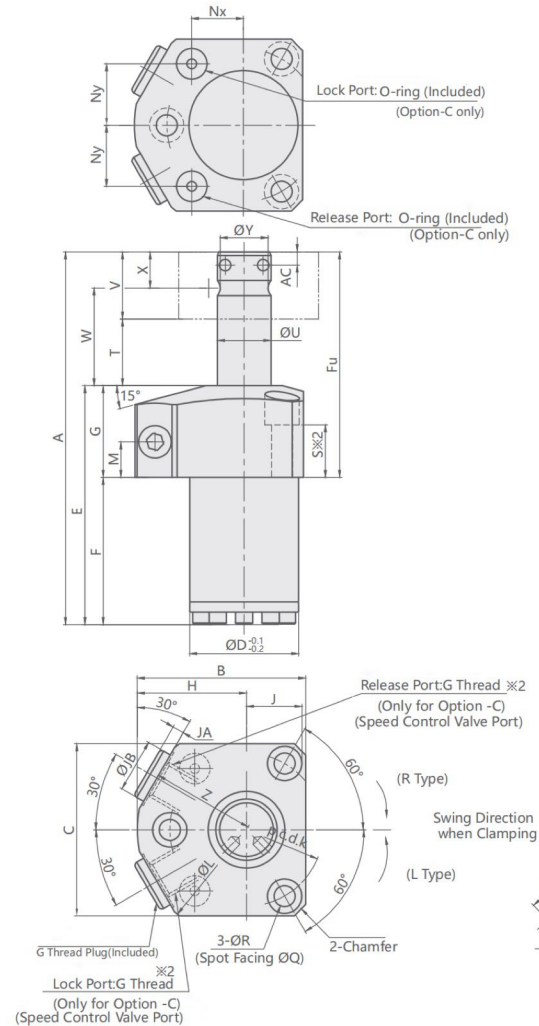
SPECIFICATIONS

MODEL	CLAMPING FORCE(350kgf/cm ² (kgf))	CLAMPING STROKE(mm)	EXTRA STROKE(mm)	TOTAL STROKE(mm)	CYLINDER CAPACITY UNCLAMP(cm ³)	CYLINDER CAPACITY CLAMP(cm ³)	EFF.PISTON AREA UNCLAMP(cm ²)	EFF.PISTON AREA CLAMP(cm ²)	RANGE OF TEMPERATURE(°C)
CTLA-0402	350	8	6	14	3.6	1.4	2.545	1.005	0~+70°C
CTLA-0602	508	8	7	15	5.2	2.2	3.463	1.453	0~+70°C
CTLA-0802	690	10	8	18	8.1	3.6	4.524	1.979	0~+70°C
CTLA-1002	980	10	9.5	19.5	12.9	5.5	6.605	2.804	0~+70°C
CTLA-1602	1459	13	11	24	21.8	10	9.079	4.17	0~+70°C
CTLA-2502	2869	16	16	32	57.9	26.2	18.096	8.198	0~+70°C
CTLA-4002	4329	16	19.5	35.5	100.4	43.9	28.274	12.37	0~+70°C

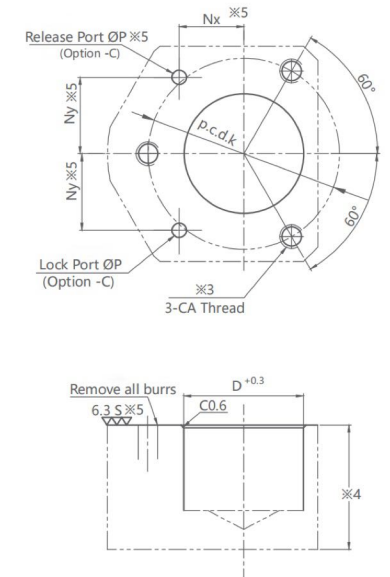
External Dimensions

C: Gasket Option(With G Thread Plug)

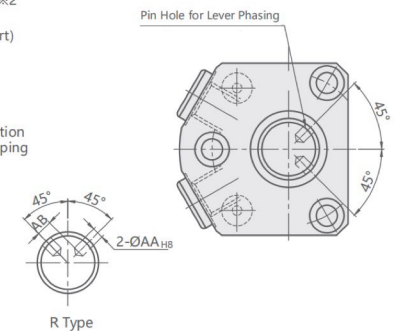
※The drawing shows the released state of CTLA-2CL.



Machining Dimensions of Mounting Area



Lock State



NOTE

- ※1. Mounting bolts are not provided. Please prepare them according to the mounting height referring to dimension "S".
- ※2. Speed control valve is sold separately.
- ※3. CA tapping depth of the mounting bolt should be decided according to the mounting height referring to dimension "S".
- ※4. The depth of the body mounting hole $\varnothing D$ should be decided according to the mounting height referring to dimension "F".
- ※5. The machining dimension is for -C: Gasket option.