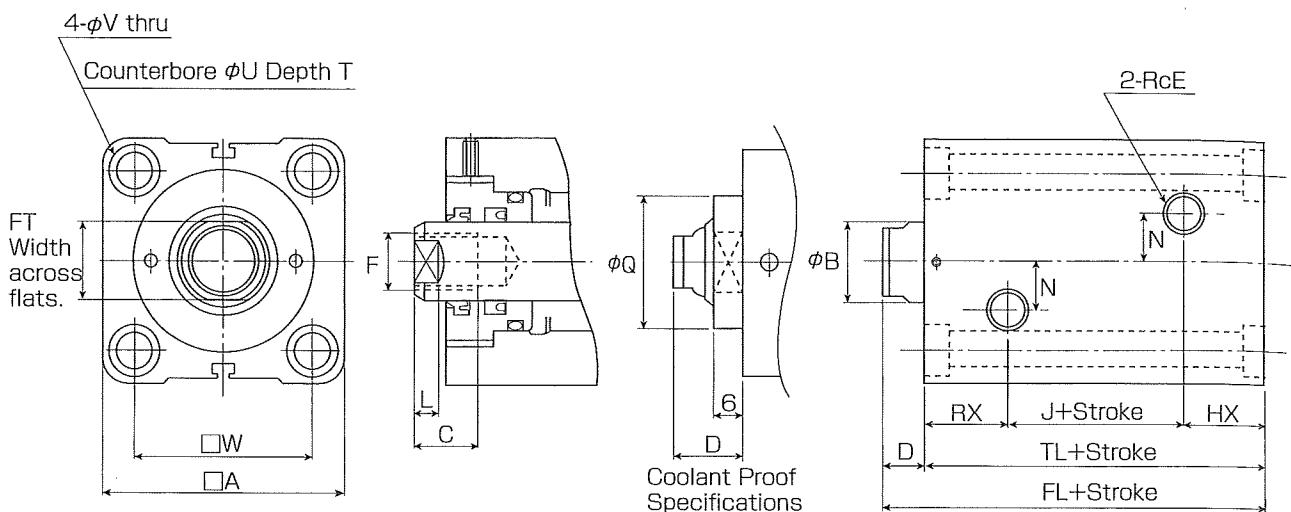


Basic Type [CR-SA]

Single Stroke (Up to 100 strokes)



Note) The information contained between the parentheses () is the coolant proof specifications.

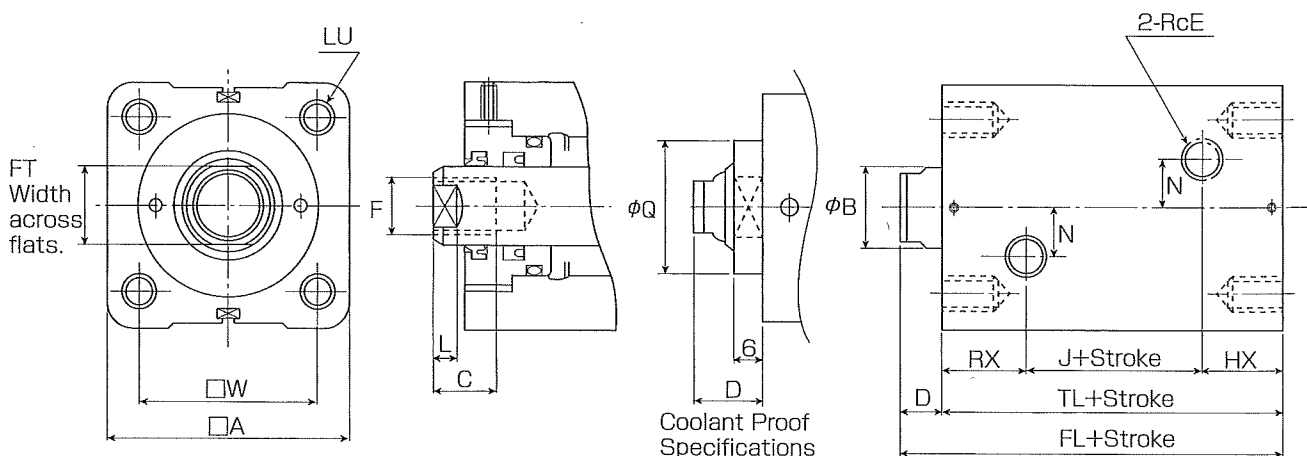
The interval stroke of the multiples of 5 for 50 strokes or more has external dimensions 5mm longer than the standard stroke.

Table of Dimensions (Up to 100 strokes)

Units: mm

Symbol Bore	A	B	C	D	RcE	F	FL	FT	HX	J	L	N	RX	T	TL	φU	φQ	φV	W
φ32	62	18	15	10 (20)	1/4	M12XP1.75	69 (79)	14	11	20	7	10	28	6.5	59	11	(37)	6.6	47
φ40	70	22.4	20	10 (20)	1/4	M16XP2.0	70 (80)	19	12	21	7	10	27	8.6	60	14	(45)	9	52
φ50	80	28	24	11 (21)	1/4	M20XP2.5	77 (87)	24	13	25	8	10	28	10.8	66	17.5	(53)	11	58
φ63	94	35.5	33	13 (23)	1/4	M27XP3.0	87 (97)	30	14	30	9	10	30	13	74	20	(63)	14	69
φ80	114	45	33	17 (27)	3/8	M30XP3.5	107 (117)	41	26.5	28.5	14	15	35	15.2	90	23	(80)	16	86

Single Rod (Above 100 strokes, Maximum Stroke for Each Bore)



Note) The information contained between the parentheses () is the coolant proof specifications.

Table of Dimensions (Above 100 strokes, Maximum Stroke for Each Bore)

Units: mm

Symbol Bore	A	B	C	D	RcE	F	FL	FT	HX	J	L	N	RX	TL	φQ	W	LU
φ32	62	18	15	10 (20)	1/4	M12XP1.75	88 (98)	14	28	22	7	10	28	78	(37)	47	M 6XP1.0 Depth 12
φ40	70	22.4	20	10 (20)	1/4	M16XP2.0	87 (97)	19	27	23	7	10	27	77	(45)	52	M 8XP1.25 Depth 16
φ50	80	28	24	11 (21)	1/4	M20XP2.5	91 (101)	24	28	24	8	10	28	80	(53)	58	M10XP1.5 Depth 20
φ63	94	35.5	33	13 (23)	1/4	M27XP3.0	102 (112)	30	30	29	9	10	30	89	(63)	69	M12XP1.75 Depth 24
φ80	114	45	33	17 (27)	3/8	M30XP3.5	116 (126)	41	35	29	14	15	35	99	(80)	86	M14XP2.0 Depth 28

Note) The stroke is given in units of 10mm.