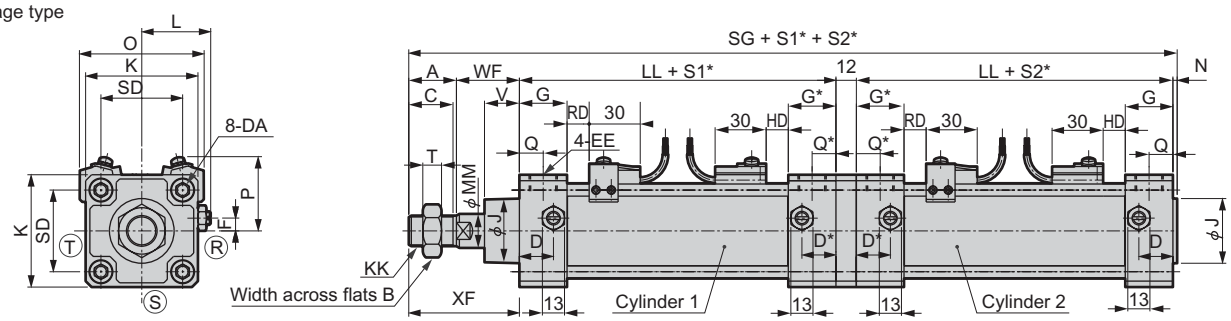
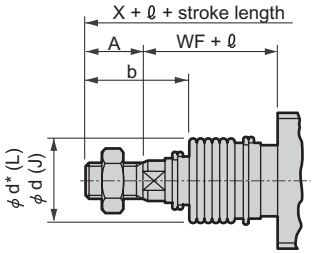
Dimensions

● Two stage type





(with bellows)

Note 1: (R)(S)(T) indicates a cushion needle position.
Note 2: S1: Stroke length of cylinder 1 (total stroke length) S2: Stroke length of cylinder 2 (stroke length of first stage)
Note 3: Refer to page 597 for the projecting dimensions of T2YD switch.
Note 4: Refer to pages 598, 599 for accessory dimensions.

Symbol / Bore size (mm)	A	B	C	D	D*	DA	EE	F	G	G*	J	K	KK	L	LL	MM	N	Q	Q*	SD	SG	T
φ40	22	22	20	18	17.5	M 8	RC1/4	7.5	26	25.5	31	57	M14 x 1.5	38 to 39.5	92.5	16	2	13	12.5	40.5	254.5	8
φ50	28	27	26	20	19.5	M 8	RC3/8	0	28	27.5	38	66	M18 x 1.5	41 to 43.5	100.5	20	2.5	14	13.5	48	280.5	11
φ63	28	27	26	22	21.5	M 8	RC3/8	0	30	29.5	38	80	M18 x 1.5	47.5 to 50.0	104.5	20	3	15	14.5	59	287	11
φ80	36	32	34	26	25.5	M12	RC1/2	0	34	33.5	43	98	M22 x 1.5	56 to 59	115.5	25	3.5	17	16.5	74	330.5	13
φ100	45	41	43	28	28	M12	RC1/2	0	36	35.5	51	118	M26 x 1.5	66 to 69	127.5	30	4	18	18	90	369	16

Symbol / Bore size (mm)	With switch										With bellows													
	V	WF	XF	O	P	T0, T5, T2, T3		T1, T2Y, T3Y, T2YF/M		T8	A	X	b	d	d*	ℓ								
						RD	HD	RD	HD	RD/HD						50 or less	50 to 100	100 to 150	150 to 200	200 to 300	300 to 400	400 to 500	Over 500
φ40	18.5	33.5	55.5	66	41.5	11	11	10	10	5	22	150.5	41	40	40	25.5	41.5	58.5	75.5	108.5	141.5	174.5	(stroke length/3.0) + 8
φ50	20.5	37	65	73	43	13	13	12	12	7	28	168.5	47	47	48	22	36	49	63	90	119	146	(stroke length/3.6) + 7.5
φ63	21	35	63	85	47	13	13	12	12	7	28	171	45	47	48	22	36	49	63	90	119	146	(stroke length/3.6) + 7.5
φ80	23.5	48	84	105	57	14.5	14.5	13.5	13.5	8.5	36	203.5	58.5	53	55	14	26	38	49	72	96	119	(stroke length/4.3) + 2.5
φ100	32	53	98	121	63	18.5	18.5	17.5	17.5	12.5	45	230	69.5	61	65	20	32	42	53	76	98	120	(stroke length/4.5) + 9

Each mounting style installation dimension is same as SCA2 (standard). Refer to pages 450 to 455.