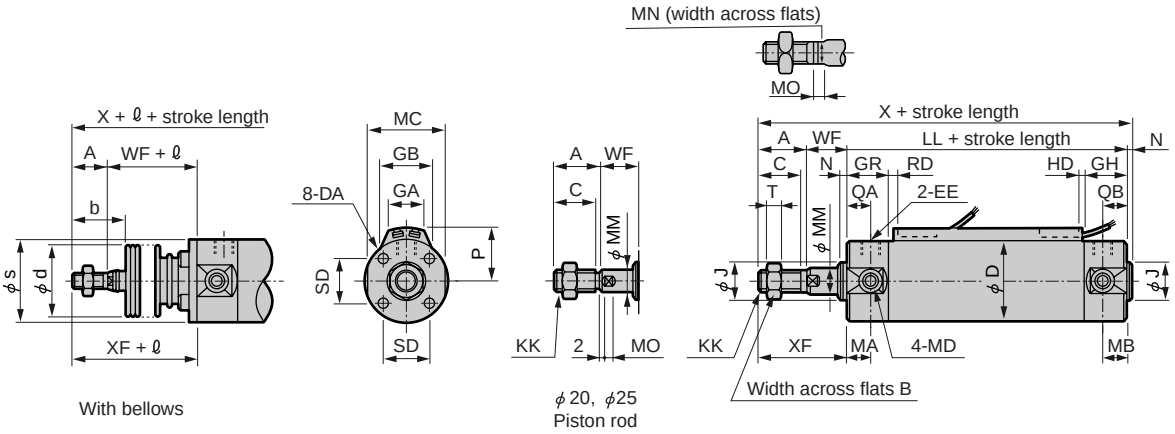
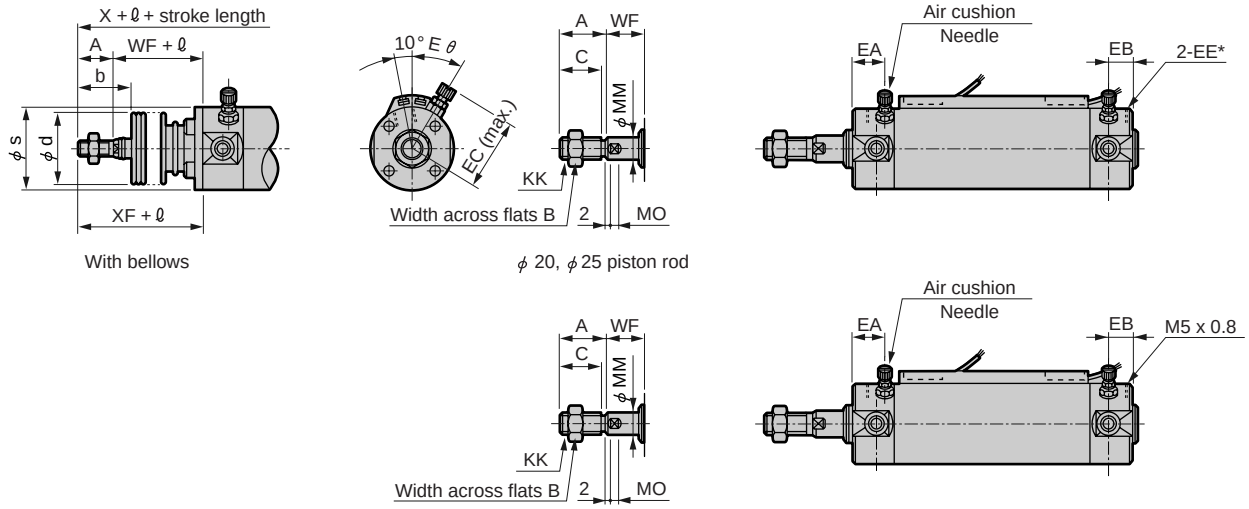
Dimensions CAD

● Basic type (00) ϕ 20 to ϕ100 · Switch installation method: rail method
<Rubber cushioned>



<Air cushioned>
(Note): For 20, 25 mm bore cylinder, piping method (EE) are different. · Switch installation method: rail method
Refer to air cushioned dimensions table (EE*).



Note 1: Refer to the page 333 for the RD, HD, and projecting dimensions of the 2-color indicator type, preventive maintenance output type, off delay type, strong magnetic field proof type, T1H/V, T8H/V switch.
Note 2: Refer to page 334 and 335 for accessory dimensions.

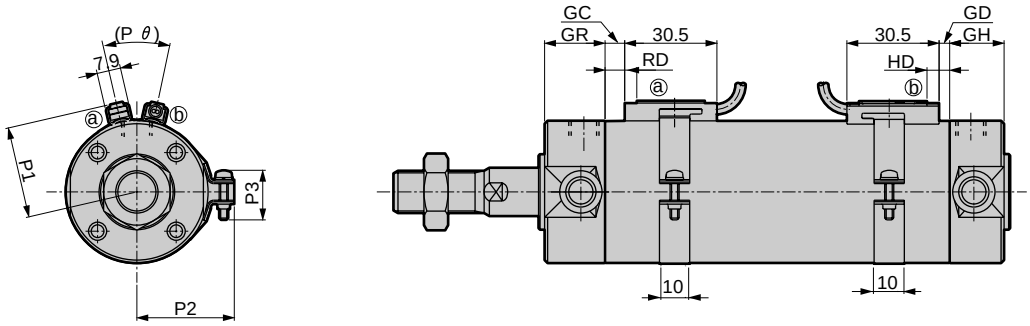
Symbol / Bore size (mm)	Basic type (00) basic dimensions																			
	A	B	C	D	DA	EE (note)	GH	GR	J	KK	LL	MA	MB	MC	MD	MM	MN	MO	N	QA	QB
ϕ 20	18	13	15.5	26	M4 depth 6.5	Rc1/8	17	19	12	M8	69	11	11	24	M5	8	6	4	2	12	10
ϕ 25	22	17	19.5	31	M5 depth 6.5	Rc1/8	17	19	14	M10 x 1.25	69	11	11	29	M6	10	8	5	2	12	10
ϕ 32	22	17	19.5	38	M5 depth 7.5	Rc1/8	17	19	18	M10 x 1.25	71	11	10	36	M8	12	10	5.5	2	12	10
ϕ 40	30	22	27	47	M6 depth 12	Rc1/8	19	20	25	M14 x 1.5	78	12	10	44	M10	16	14	6	2	13	12
ϕ 50	35	27	32	58	M8 depth 16	Rc1/4	22	25	30	M18 x 1.5	90	13	12	55	M12	20	17	8	2	15	12
ϕ 63	35	27	32	72	M10 depth 16	Rc1/4	22	25	32	M18 x 1.5	90	13	12	69	M14	20	17	8	2	15	12
ϕ 80	40	32	37	89	M10 depth 22	Rc3/8	28	28	40	M22 x 1.5	108	-	-	80	-	25	22	11	3	15	15
ϕ 100	40	41	37	110	M12 depth 22	Rc1/2	28	28	50	M26 x 1.5	108	-	-	100	-	30	27	13	3	15	15

Symbol / Bore size (mm)						With bellows				Air cushioned					Switch installation method: rail method						
	SD	T	WF	X	XF	b	d	s	ℓ	EA	EB	EC	EE*	Eθ	P	GA	GB	HD		RD	
																		T0, T5	T2, T3	T0, T5	T2, T3
ϕ 20	14	5	17	106	35	30	30	25.7	(stroke length/3) + 18.5	14	12	27	M5	30°	19.5	18	23	4.0	7.0	7.0	7.5
ϕ 25	16.5	6	18	111	40	35	30	30.7	(stroke length/3) + 20.5	14	12	29.5	M5	30°	22	18	24.4	3.0	6.0	8.0	8.5
ϕ 32	20	6	18	113	40	31.5	35	37.7	(stroke length/3) + 19	14	12	32.8	Rc1/8	25°	25.5	18	25	4.0	7.0	9.0	9.5
ϕ 40	26	8	20	130	50	40	35	46.7	(stroke length/3) + 18.5	15	13	36.6	Rc1/8	20°	30	18	25.7	6.0	9.0	11.0	11.5
ϕ 50	32	11	23	150	58	46	40	57.7	(stroke length/3.6) + 18.5	18.5	15.5	43	Rc1/4	20°	35.5	18	26.2	8.0	11.5	12.0	13.0
ϕ 63	38	11	23	150	58	46	40	71.7	(stroke length/3.6) + 18.5	18.5	15.5	50	Rc1/4	20°	42.5	18	26.5	8.0	11.5	12.0	13.0
ϕ 80	50	13	31	182	71	55	50	88.7	(stroke length/4.3) + 14.5	20	20	58.5	Rc3/8	20°	51	18	26.7	10.5	13.0	19.0	20.0
ϕ 100	60	16	31	182	71	56	60	109.7	(stroke length/4.5) + 21	20	20	69	Rc1/2	20°	61.5	18	26.7	11.0	13.5	18.5	19.5

Dimensions

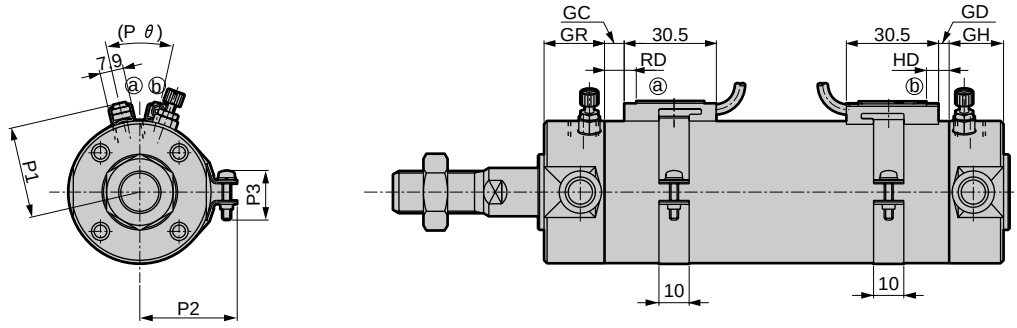
● Basic type (00) ϕ20 to ϕ100
<Rubber cushioned>

· Switch installation method: band method



<Air cushioned>

· Switch installation method: band method



Note 1: Refer to the page 333 for the RD, HD, and projecting dimensions of the 2-color indicator type, preventive maintenance output type, off delay type, strong magnetic field proof type, T1H/V, T8H/V switch.
Note 2: Refer to page 334 and 335 for accessory dimensions.

Symbol / Bore size (mm)	Switch installation method: band method								
	GD	GC	GH	GR	HD	RD	P1	P2	P θ
	T0, T2, T3, T5				T0, T2, T3, T5				
ϕ20	3.5	2.5	17	19	7.5	6.5	19.6	21.5	(38°)
ϕ25	4.5	1.5	17	19	8.5	5.5	22.1	23.9	(34°)
ϕ32	5.5	2.5	17	19	9.5	6.5	25.6	27.6	(30°)
ϕ40	7.5	4.5	19	20	11.5	8.5	30.2	32.1	(26°)
ϕ50	9.0	7.0	22	25	13.0	11.0	35.7	37.4	(22°)
ϕ63	9.0	7.0	22	25	13.0	11.0	42.7	44.4	(20°)
ϕ80	16.0	9.0	28	28	20.0	13.0	51.2	53.0	(16°)
ϕ100	15.5	9.5	28	28	19.5	13.5	61.7	63.5	(16°)