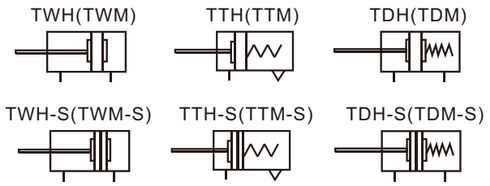
ISO9001 CE
VPC PNEUMATIC®

TWH Series Stopper Cylinder







Ordering Code TWH Series Stopper Cylinder

TWH | 50 | × | 30 | S | K | □ | □

- TWH — Model
  - TWH: Double acting type
  - TDH: Built-in spring double acting type
  - TTH: Single acting Pull type
  - TWM: Double acting type
  - TDM: Built-in spring double acting type
  - TTM: Single acting-Pull type
- 50 — Bore size
- 30 — Stroke
- S — Magnet
  - Nil: Without magnet
  - S: With magnet
- K — Stopper
  - L:Shockless stopper (Non-adjustable absorber)
  - K:Shockless stopper (adjustble absorber)
- □ — Self-lock
  - Nil: Without self-lock
  - F: With self-lock
- □ — Thread type
  - Nil: PT
  - G: G
  - T:NPT

*1) When the thread is standard, the code is blank.
*2) The buffer is not adjustable if the bore size is 20 and 25. It is adjustable if the bore is over 32.

Specifications

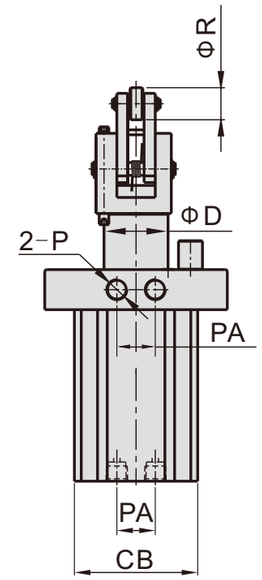
Series		TWH						TWM
Bore(mm)		20	25	32	40	50	63	80	50
Working medium		Air (to be filtered by 40μm filter element)							
Acting type		Double acting type, Single acting-Pull type							
Operating pressure	Double acting	0.15 to 1.0MPa							
	Single acting-Pull	Φ20: 0.25 to 1.0MPa Others: 0.2 to 1.0Mpa							
Proof pressure		1.5MPa							
Working temperature		-20 to 70℃							
Range of stroke tolerance		$^{+1.0}_{0}$							
Cushion		Bumper							
Lubrication		Non required							
Mounting type		Flange							
Stopper type		Shockless (Non-adjustable absorber)		Shockless (With adjustable absorber)					
Port size		M5×0.8		1/8"		1/4"		1/8"	
Sensor thread		M5×0.5				M8×1.0			

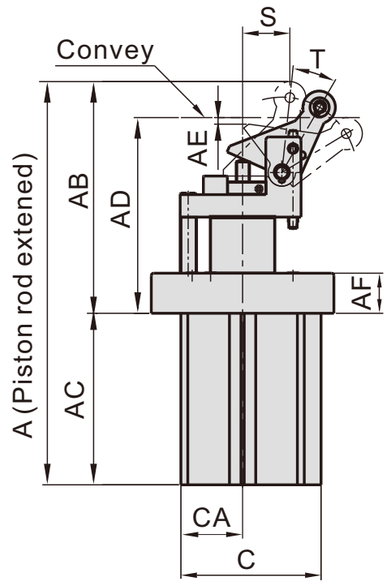
* PT thread,G thread and NPT thread are available.

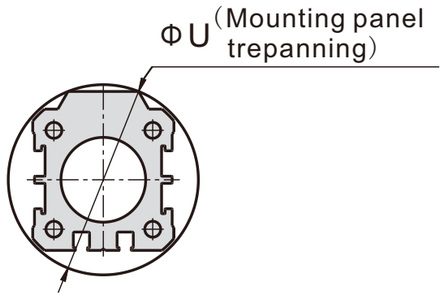
TWH Series Stopper Cylinder

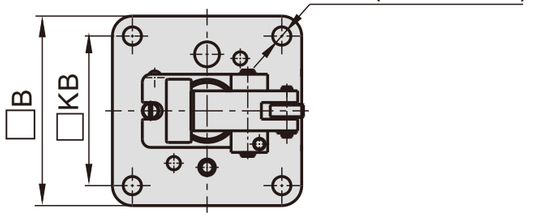
Main Dimensions Non-adjustable Absorber
TWH-L (F), TDH-L(F), TTH-L(F)

Φ20 Φ25









(mm)

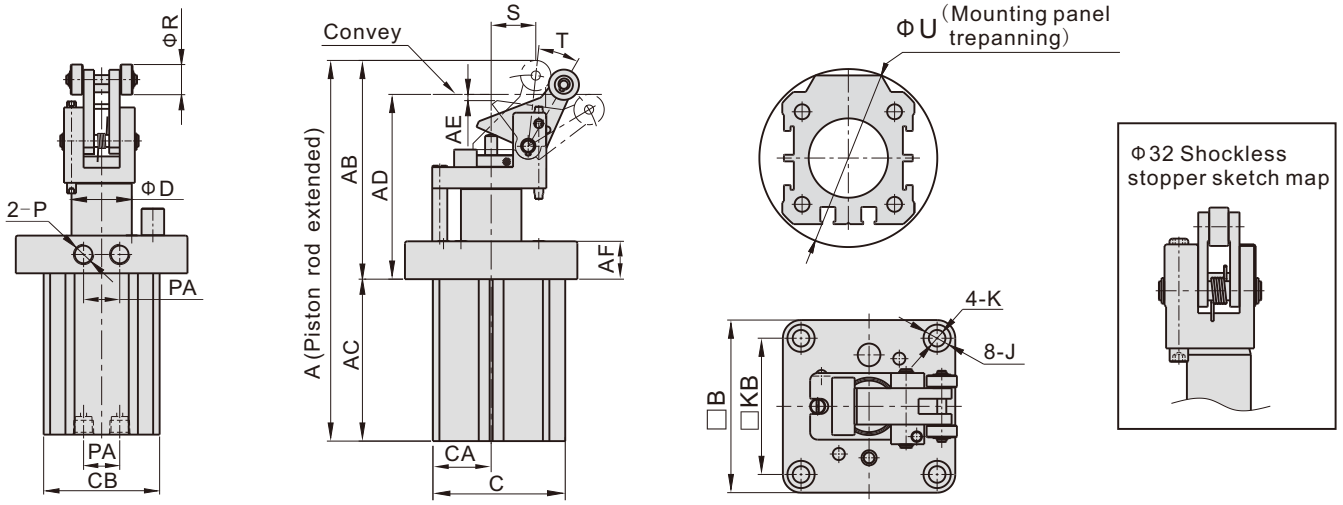
Sign / Bore	A	AB	AC	AD	AE	AF	B	C	CA	CB	D	K	KB	P	PA	R	S	T
20	129	74	55	60	2.5	8	48	40	18	36	16	4.5	40	M5×0.8	12	12	16	28
25	135.5	78	57.5	64	2.5	12	58	45	20	40	16	6.5	47	M5×0.8	16	12	16	28

TWH Series Stopper Cylinder

Main Dimensions Adjustable Absorber

TWH-K (F), TDH-K(F), TTH-K(F)

Φ32~Φ80

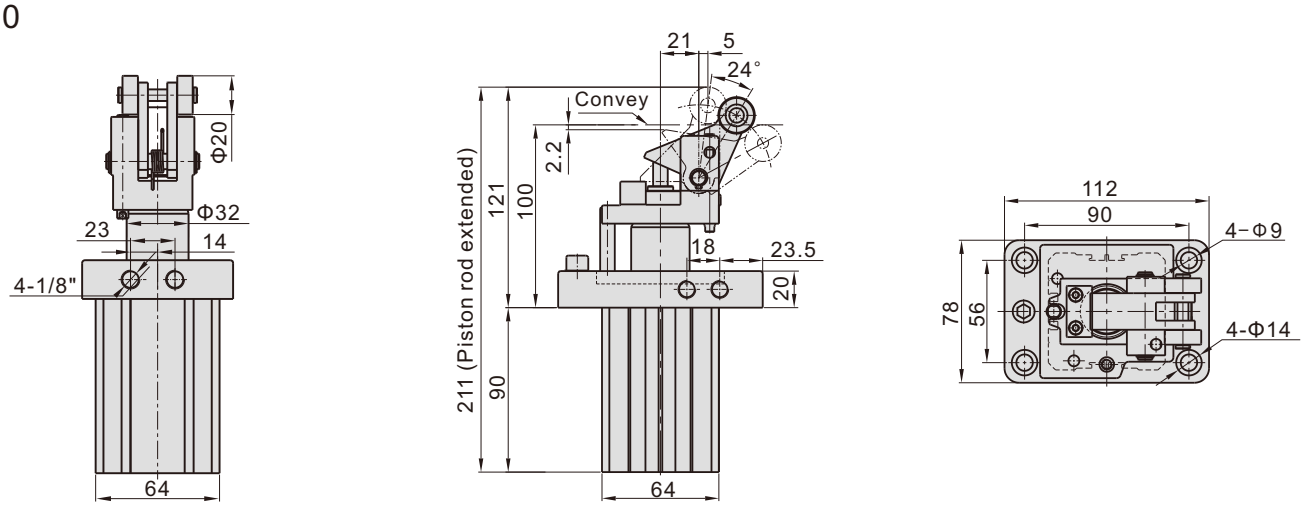


(mm)

Sign / Bore	A	AB	AC	AD	AE	AF	B	C	CA	CB	D	J	K	KB	P	PA	R	S	T
32	152.5	87	65.5	73.5	1.5	16	67	51.5	23	46	20	11	6.5	53	1/8"	16	12	18.5	28
40	191	112	79	92.5	3.5	16	82	62	26.5	53	25	11	6.5	65	1/8"	16	20	21	26
50	211	128	83	107.5	2.5	20	93	72	32	64	32	14	9	73	1/8"	18	20	26	24
63	245.5	144.5	101	122	3.5	25	114	87.5	38.5	77	40	18	11	90	1/4"	24	20	30	24
80	299.5	171.5	128	145.5	3.5	25	138	109	49	98	50	20	13	110	1/4"	30	25	37	23

TWM-K (F), TDM-K(F), TTM-K(F)

Φ50



* The type with magnet and the type without magnet have the same dimension.