

GPTL Mini series

Ordering code

GPTL 6 M5 A □ -M

① ② ③ ④ ⑤ ⑥

① Model	② Port size	③ Thread connection	④ Control method	⑤ Standard color		⑥ Style
GPTL: Speed controller (Push lock) (G Thread) 	4: Φ4mm 6: Φ6mm	M5: M5X0.8 01: G1/8	A: Meter-out 	Standard color	Specification	M: Mini type
			B: Meter-in 	Blank: Gray	Release button: Gray Body: Gray	
				D: Black	Release button: Black Body: Black	

Specification

Operating pressure range	0~10kgf/cm²(0~1.0MPa)
Negative pressure	-750mmHg(10Torr)
Proof pressure	1.5MPa
Ambient and fluid temperature (°C)	-20~70
Applicable tubing	Soft nylon or polyurethane
Color	Gray/black

Symbol

Meter-out (A)



Meter-in (B)



Selection, Installation and Operation

- The rotation torque of the push-lock speed controller cap should not be too large to avoid damage. It is recommended to use the torque below.

Thread size	Recommended torque(N.m)
M5	0.05
G1/8	0.08

- Push-lock speed controller installation instructions is the same as general one. Please refer to general type for specific content.

Dimensions

GPTL Mini series

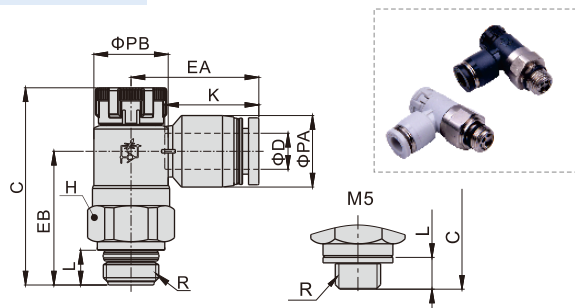


Table for interface port and tube O.D.

Product series	Thread type	Port size	
		Φ4	Φ6
GPTL	M5	●	●
	G1/8	●	●

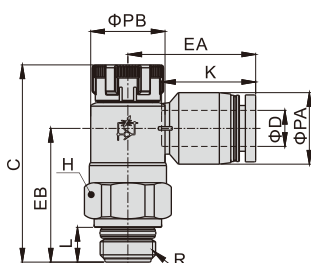
Model\Item [Note1]	ΦD	R	ΦPA	ΦPB	L	C		K	EA	EB	H	Weight (g)	PCS/bag
						Pull	Push						
GPTL4M5□-M	4	M5×0.8	8.5	9	3.5	29.5	28	12.5	16.5	19	9	5	2
GPTL401□-M		G1/8	8.5	9	5.5	29.5	28	12.5	16.5	19.5	10	5.7	2
GPTL6M5□-M	6	M5×0.8	10.5	9	3.5	29.5	28	13.5	19.5	19	9	6.2	2
GPTL601□-M		G1/8	10.5	9	5.5	29.5	28	13.5	19.5	19.5	10	6.9	2

[Note1] "□" stands for A or B. A indicates meter-out type while B indicates meter-in type. The two types are with the same overall dimension.

GPTL series

Dimensions

GPTL Series

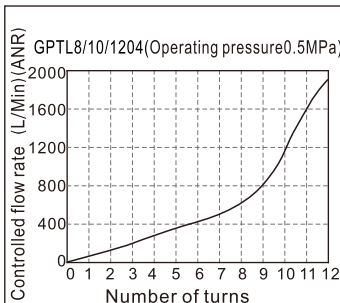
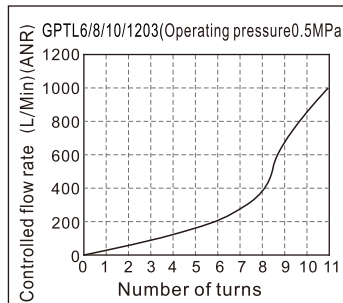
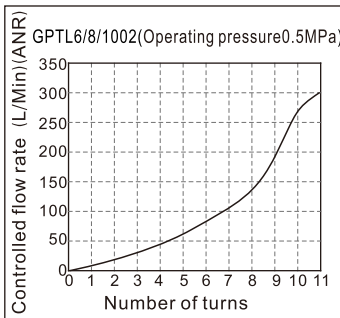
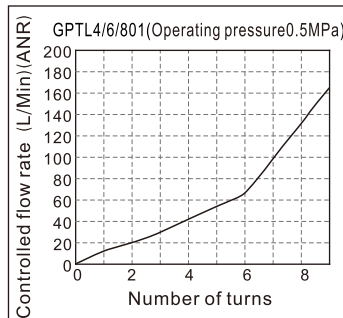
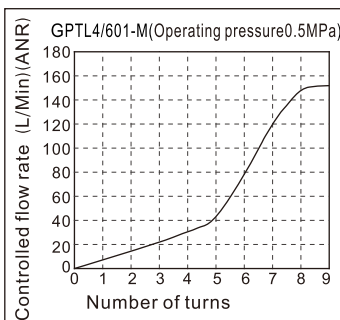
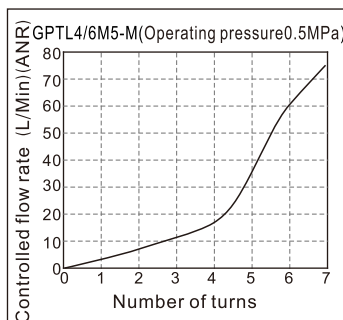


Model\Item [Note1]	ΦD	R	ΦPA	ΦPB	L	C		K	EA	EB	H	Weight (g)	PCS/bag
						Pull	Push						
GPTL601□	6	G1/8	12.5	13	5.5	36	34.5	16.5	22.5	23.5	14	12.5	2
GPTL602□		G1/4	12.5	16.5	6.5	40.5	39	16.5	24	28	17	19.5	2
GPTL603□		G3/8	12.5	19	7	44	42.5	16.5	25.5	31	19	28.5	2
GPTL801□	8	G1/8	15	13	5.5	36	34.5	18.5	24.5	22.5	14	13	2
GPTL802□		G1/4	15	16.5	6.5	40.5	39	18.5	26	27	17	20.5	2
GPTL803□		G3/8	15	19	7	44	42.5	18.5	27	30	19	29	2
GPTL804□	10	G1/2	15	24	8.5	52.5	51	18.5	29.5	37.5	24	49	2
GPTL1002□		G1/4	18	16.5	6.5	40.5	39	21	31	26	17	22	2
GPTL1003□		G3/8	18	19	7	44	42.5	21	29	29	19	30.5	2
GPTL1004□	12	G1/2	18	24	8.5	52.5	51	21	31.5	36.5	24	50.5	2
GPTL1203□		G3/8	21	19	7	44	42.5	23	34.5	28	19	32.5	2
GPTL1204□		G1/2	21	24	8.5	52.5	51	23	34	28	24	53	2

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Flowrate characteristic

Controlled flow rate



Free flow rate

