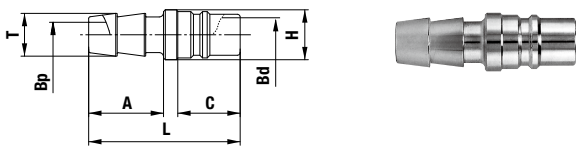


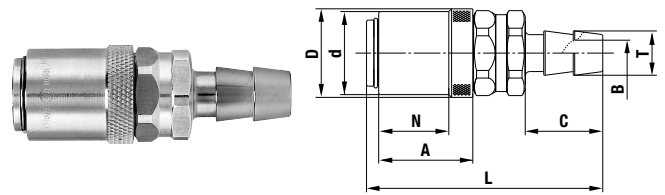
Models and Dimensions

**Plug PH type (Hose barb / High flow type)**



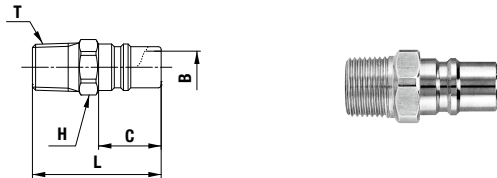
Model	Application (Hose)	Mass (g)	Dimensions (mm)						
			L	A	C	øH	øT	øBp	øBd
K3-03PH	3/8"	19	42.5	21	17.5	14	12	7	9.5

**Socket SH type (Hose barb / High flow type)**



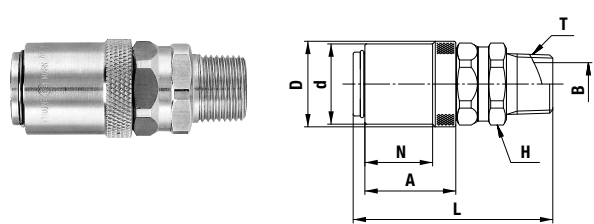
Model	Application (Hose)	Mass (g)	Dimensions (mm)							
			L	øD	ød	N	A	C	øT	øB
K3-03SH	3/8"	100	(65)	(24)	22.5	19	25.5	21	12	7
K3-04SH	1/2"	102	(67)	(24)	22.5	19	25.5	23	15	10
K4-04SH	1/2"	226	(82)	(32)	30	26.5	34	23	15	10

**Plug PM type (Male thread / High flow type)**



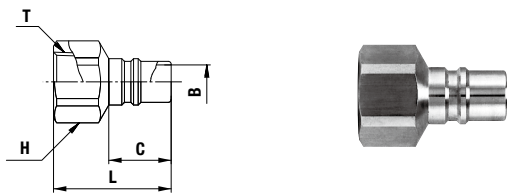
Model	Application (Thread)	Mass (g)	Dimensions (mm)				
			L	C	H(WAF)	øT	øB
K3-02PM	Rc 1/4	16	36	17.5	Hex.14	R 1/4	9
K3-03PM	Rc 3/8	25	36	17.5	Hex.17	R 3/8	9.5
K4-04PM	Rc 1/2	50	46	21.5	Hex.22	R 1/2	13

**Socket SM type (Male thread / High flow type)**



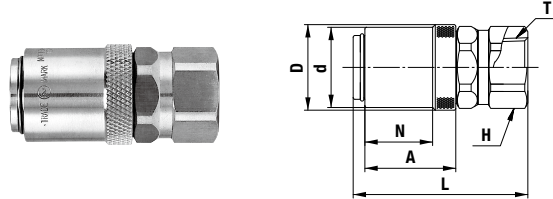
Model	Application (Thread)	Mass (g)	Dimensions (mm)							
			L	øD	ød	N	A	H(WAF)	T	øB
K3-03SM	Rc 3/8	90	(56)	(24)	22.5	19	25.5	Hex.21	R 3/8	12

**Plug PF type (Female thread / High flow type)**



Model	Application (Thread)	Mass (g)	Dimensions (mm)				
			L	H(WAF)	C	T	øB
K3-03PF	R 3/8	30	33	Hex.21	17.5	Rc 3/8	9.5

**Socket SF type (Female thread / High flow type)**



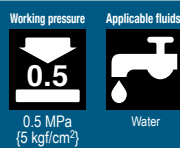
Model	Application (Thread)	Mass (g)	Dimensions (mm)						
			L	øD	ød	N	A	T	H(WAF)
K3-03SF	R 3/8	87	(49)	(24)	22.5	19	25.5	Rc 3/8	Hex.21

Notes: Also available without socket valve (Made-to-order item), identified by product code TS (e.g. K3-03SH without valve is K3-03TSH). Also available are CUPLA with sleeve stopper (Made-to-order item).

For Low Pressure

FLOW METER

Flow meter with special valve for mold cooling line

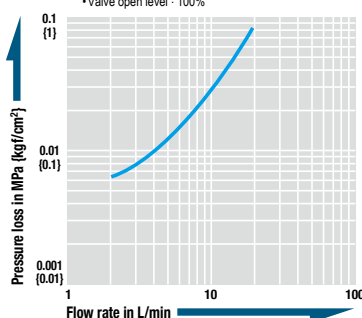


For stable and accurate coolant flow rate.

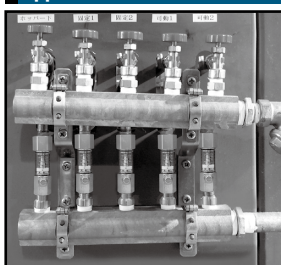
- Graduated scale enables easy visual check of coolant flow rate regardless of operator.
- Built-in flow rate adjustment valve enables desired setting of mold conditions for each machine.
- Easy resumption of previously set molding conditions to cut lead times.
- T2 side is equipped with rotary function. Even after fixing the body on T1 side to the piping, additional screw tightening on T2 side is possible.

Pressure - Flow Characteristics

[Test conditions] • Fluid : Water • Temperature : Room temperature  
• Valve open level : 100%



Application



Specifications

Body material	Body: Brass Graduated tube: Polycarbonate			
Size (Thread)	Both ends Rc 3/8 female thread			
Pressure unit	MPa	kgf/cm <sup>2</sup>	bar	PSI
Working pressure	0.5	5	5	72.5
Maximum flow rate	18 L/min (5 to 18 L/min adjustable)			
Seal material	Seal material	Mark	Working temperature range	Remarks
Working temperature range	Nitrile rubber	NBR (SG)	-20°C to +60°C	Standard material

• Use within the temperature range of +10°C to +60°C due to plastic float material.

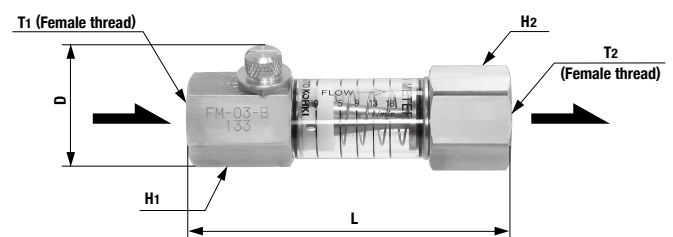
Maximum Tightening Torque

Nm [kgf·cm]

Torque	11 [112]
--------	----------

Models and Dimensions / Flow Direction

WAF : WAF stands for width across flats.



Fluid must flow in the direction of the arrows.

Model	Mass (g)	Dimensions (mm)					
		L	D	H1(WAF)	H2(WAF)	T1	T2
FM-03-B	190	(89)	(33)	Hex.23	Hex.26	Rc 3/8	Rc 3/8

Before use, please be sure to read "Safety Guide" described at the end of this book and "Instruction Sheet" that comes with the products.