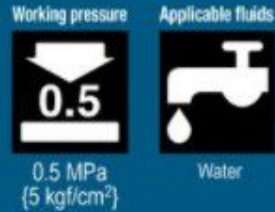


For Low Pressure

FLOW METER

Flow meter with special valve for mold cooling line

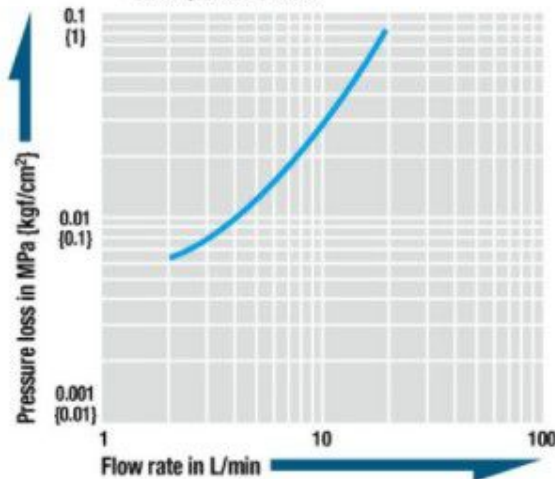


For stable and accurate coolant flow rate.

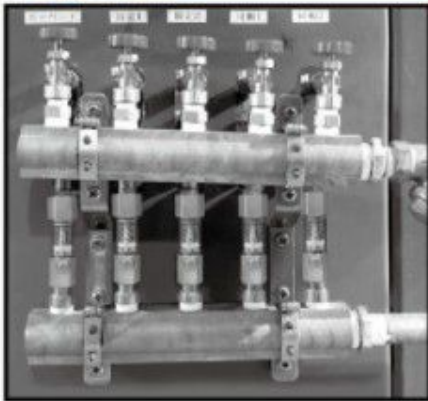
- Graduated scale enables easy visual check of coolant flow rate regardless of operator.
- Built-in flow rate adjustment valve enables desired setting of mold conditions for each machine.
- Easy resumption of previously set molding conditions to cut lead times.
- T2 side is equipped with rotary function. 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 ²	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
	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.

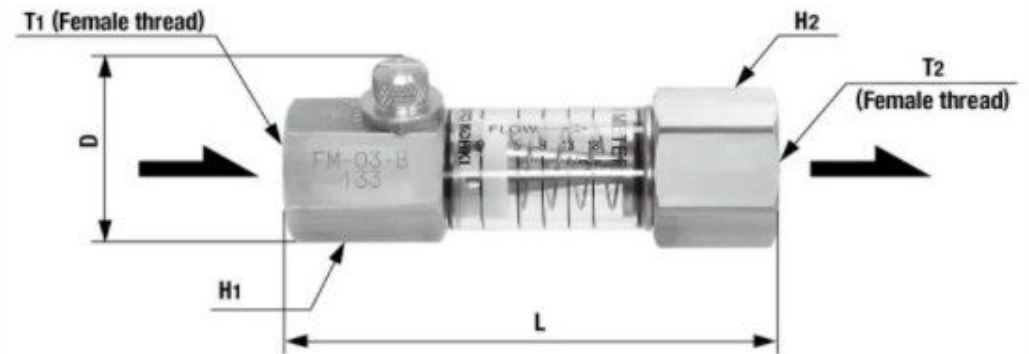
Maximum Tightening Torque

Nm {kgf·cm}

Torque	11 {112}
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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.