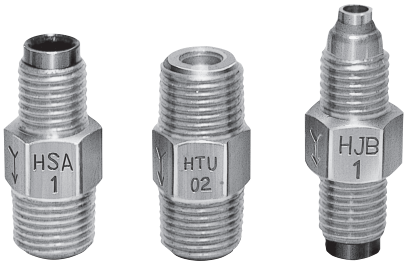
Flow unit

Resistance type valve for cyclic lubrication



Choose flow units when using an intermittent lubrication pump and system. Intermittent pumps are typically piston style pumps or low pressure gear pumps with timed intervals.

Flow units have a check valve to hold residual pressure during interval, a filter to prevent contaminants at the bearing, and a restrictor pin (rod). The flow of each unit is determined by the restrictor pin (rod); oil is forced around the rod when the system is pressurized, the amount of flow is determined by the size of the restrictor pin, the amount of available oil and the number of flow units in the system. The flow rate and direction of flow of the unit is stamped on the body.

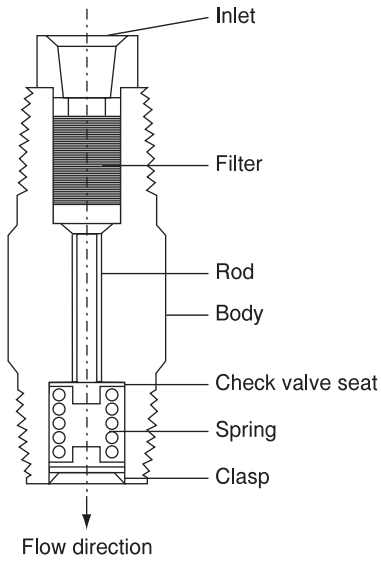
Flow units can be mounted either at the bearing or in a manifold. Use one flow unit for each different point of lubrication in any variety on one machine as required.

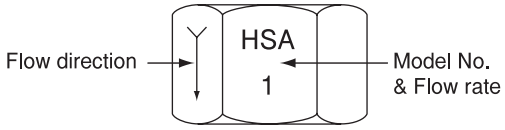
An auxiliary main line pressure filter is recommended for all systems.

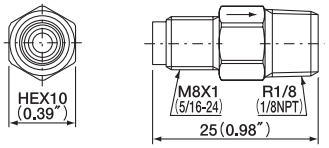
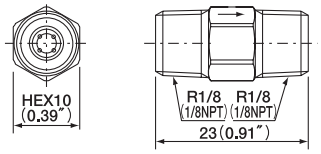
Specifications

Normal working pressure ●Pressure under 0.8MPa (8kgf/㎠) 116psi

Internal construction





Part Number		Model		Dimensional drawing	Part Number		Model		Dimensional drawing
Metric	Inch				Metric	Inch			
105501	185501	HSA	03		105513	185513	HTU	03	
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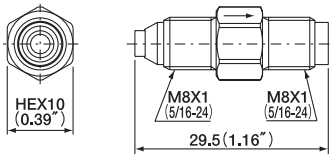
105003	185003		1		105074	185074		1	
105004	185004		2		105075	185075		2	
105005	185005		3		105076	185076		3	
105006	185006		4		105077	185077		4	
105007	185007		5		105078	185078		5	
105502	185502	HJB	03						
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105014	185014		5						