

### Specifications

Model Numbers	Rated Flow* L/min (U.S.GPM)	Max. Operating Pres. MPa (PSI)	Cracking Pres. MPa (PSI)	Approx. Mass kg (lbs.)
CIT-02-* -50/5080/5090	16(4.23)	25 (3630)	0.04 (6) 0.35 (50) 0.5 (70)	0.1 (.22)
CIT-03-* -50/5080/5090	30(7.93)			0.3 (.66)
CIT-06-* -50/5080/5090	85(22.5)			0.8 (1.8)
CIT-10-* -50/5080/5090	230 (60.8)			2.3 (5.1)

★ Rated flow is the approximate flow rate, when there is a free flow pressure drop of maximum 0.3 MPa (44 PSI), the fluid has a specific gravity of 0.85 and a kinematic viscosity of 20 mm<sup>2</sup>/s (98 SSU), and the cracking pressure is 0.04 MPa (6 PSI).

### Model Number Designation

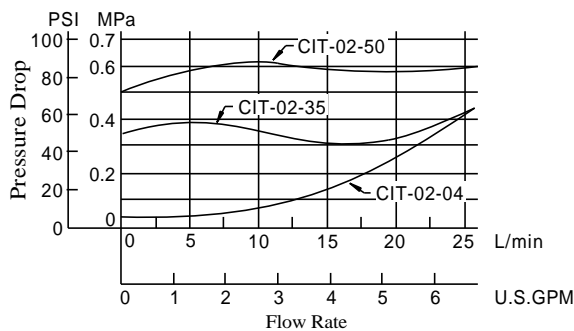
CI	T	-03	-04	-50	*
Series Number	Type of Connection	Valve Size	Cracking Pressure MPa (PSI)	Design Number	Design Standards
<b>CI:</b> In-Line Check Valve	<b>T:</b> Threaded Connection	<b>02</b>	<b>04:</b> 0.04 (6) <b>35:</b> 0.35 (50) <b>50:</b> 0.5 (70)	<b>50</b>	<b>N</b> Japanese Std. "JIS" <b>90:</b> European Design Std. <b>90:</b> N. American Design Std.
		<b>03</b>		<b>50</b>	
		<b>06</b>		<b>50</b>	
		<b>10</b>		<b>50</b>	

Note: For In-Line Check Valves, standard type (for petroleum base oils) can be used phosphate ester type fluid.

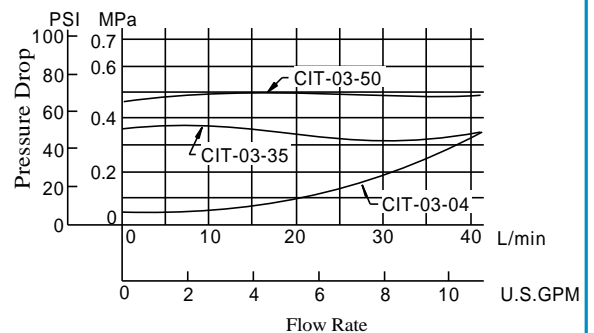
### Pressure Drop

Hydraulic Fluid: Viscosity 30 mm<sup>2</sup>/s (141 SSU) , Specific Gravity 0.850

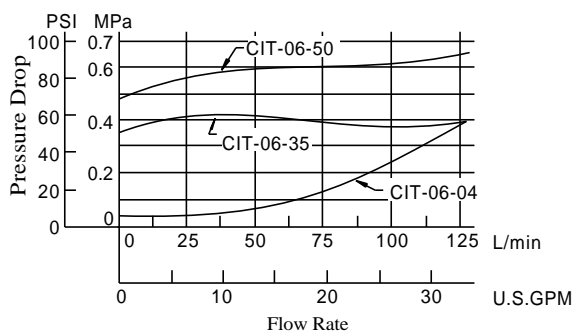
#### ● CIT-02



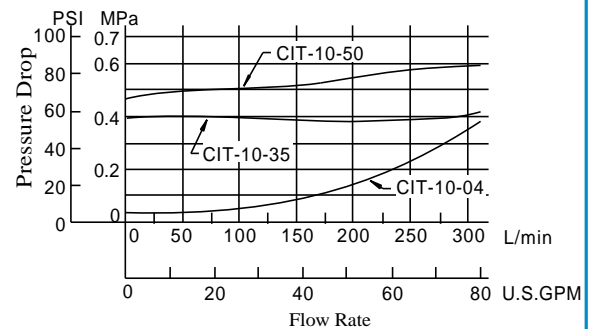
#### ● CIT-03



#### ● CIT-06

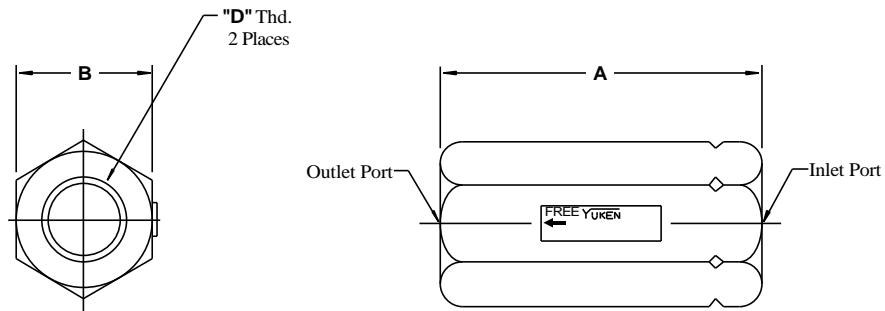


#### ● CIT-10



CIT-02-\* -50/5080/5090  
 CIT-03-\* -50/5080/5090  
 CIT-06-\* -50/5080/5090  
 CIT-10-\* -50/5080/5090

**DIMENSIONS IN  
MILLIMETRES (INCHES)**



Model Numbers	mm (Inches)		"D" Thd.
	A	B	
CIT-02-* -50	58 (2.)	19 (.75)	Rc 1/4
CIT-02-* -5080	65 (2.58)	22 (.87)	1/4 BSP.F
CIT-02-* -5090	58 (2.)	19 (.75)	1/4 NPT
CIT-03-* -50	76 (3.0)	27 (1.06)	Rc 3/8
CIT-03-* -5080	83 (3.27)		3/8 BSP.F
CIT-03-* -5090	76 (3.0)		3/8 NPT
CIT-06-* -50	95 (3.74)	41 (1.61)	Rc 3/4
CIT-06-* -5080	102 (4.02)		3/4 BSP.F
CIT-06-* -5090	95 (3.74)		3/4 NPT
CIT-10-* -50	133 (5.24)	60 (2.36)	Rc 1-1/4
CIT-10-* -5080			1-1/4 BSP.F
CIT-10-* -5090			1-1/4 NPT

