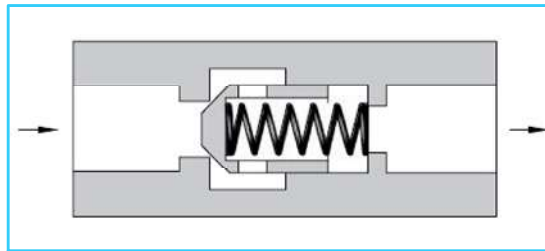


In-Line Check Valves

These valves allow free flow in one direction and prevent flow in the reverse direction. Cracking pressure specified is the pressure required to open the valve and allow free flow.



Graphic Symbol



Specifications

Model Number	Rated Flow L/min. *	Max. Operating Pressure Kgf/cm ²	Cracking Pressure Kgf/cm ²	Mass Kg.
CIT-02-2080	12	210	0.35	0.10
CIT-03-2080	30		2.0	0.18
CIT-06-2080	80		3.5	0.65
CIT-10-2080	200		5.0	2.1

* Rated flow is the approximate flow rate, when there is a free flow pressure drop of maximum 3 Kgf/cm², the fluid has a specific gravity of 0.85, a kinematic viscosity of 20cSt, and the cracking pressure is 0.35 Kgf/cm².

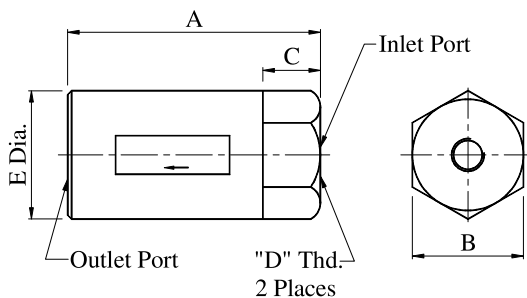
Model Number Designation

CI	T	-03	30	20	80
Series Number	Type of Connection	Valve Size	Cracking Pressure Kgf/cm ²	Design Number	Design standards
CI: In-Line Check Valve	T: Threaded Connection	02	5 : 0.35	20	80
		03	30 : 2.0	20	
		06	50 : 3.5	20	
		10	75 : 5.0	20	

- For in-line check valves, standard type (for petroleum base oil) can be used phosphate ester type fluid.

- CIT-02-2080**
- CIT-03-2080**
- CIT-06-2080**
- CIT-10-2080**

DIMENSIONS IN MILLIMETRES

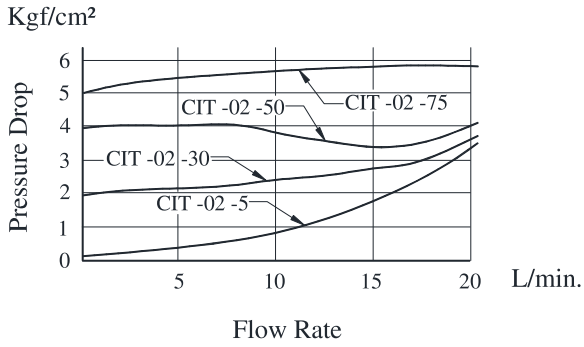


Model Numbers	mm				"D" Thd.
	A	B	C	E	
CIT-02-2080	65	22	15	25.4	1/4 BSP.F
CIT-03-2080	76	28	18	33	3/8 BSP.F
CIT-06-2080	95	38	25	44	3/4 BSP.F
CIT-10-2080	132	58	30	67	1 1/4 BSP.F

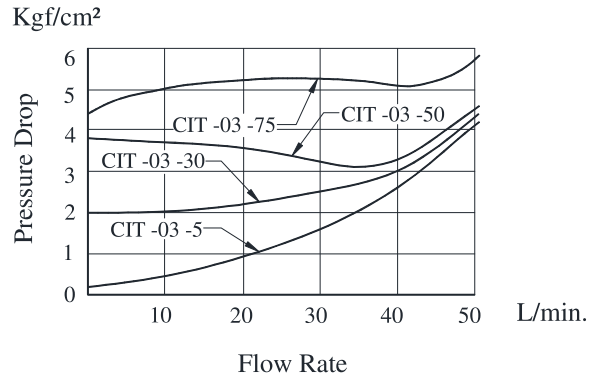
Pressure Drop

Hydraulic fluid : Viscosity 30 cSt (141 SSU), Specific Gravity 0.850

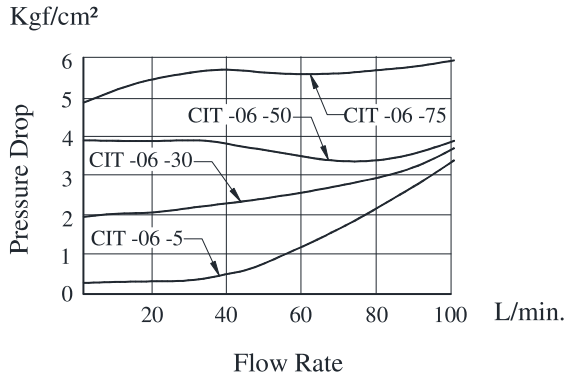
● **CIT-02**



● **CIT-03**



● **CIT-06**



● **CIT-10**

