

# "MTCV" Modular Throttle And Check Valves



The valve can control pressure value of one oil road in system. Mainfold pressure can be come trued by adjustment handle.

Max. Pressure 21MPa Max. Flow : Size 02 up to 35L/min Size 03 up to 70L/min

## **Ordering details**

MTCV	-02	-A	-0
Sort	Size	Port number	Control type
MSCV : Module Throttle And Check Valves	02 03	A: A port B: B port W: A B port	O: Meter out I: Meter in

### **Symbols**

Туре	MTCV- A-O	MTCV- B-I	MTCV- W-I	
Meter out	PTBA PTBA PTTBIAI	PTBA P1T1B1A1	P T B A	
Туре	MTCV- A-I	MTCV- B-O	MTCV- W-O	
Meter out	PTBA PTBA P1TIB1A1			

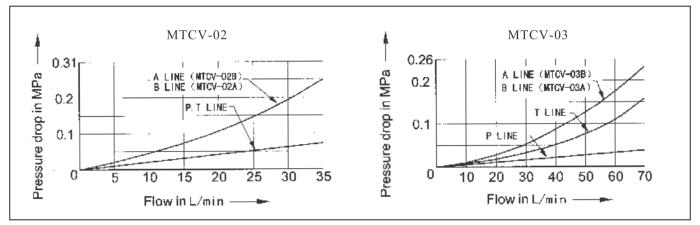
## **Technical data**

Туре	Max.pressure MPa	Pressure adj. range MPa	Max.flow L/min	Weight Kg
MTCV-02	21		35	1.3
MTCV-03		See ordering details	70	2.8



#### **Characteristic Curves : Pressure drop**

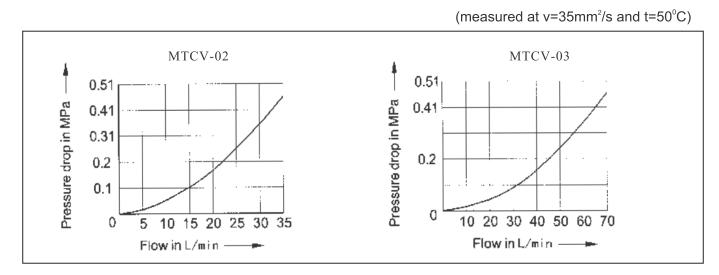
#### (measured at v=35mm<sup>2</sup>/s and t=50°C)



#### Characteristic Curves : Pressure drop for free flow

MTCV-03 MTCV-02 0.51 0.51 Pressure drop in MPa Throttle fully closed Pressure drop in MPa Throttle fully closed 0.41 0.41 Throttle fully opened Throttle fully opened 0.31 0.2 0.2 0.1 0 20 30 40 70 15 20 25 30 35 50 60 0 5 10 10 Flow in L/min -Flow in L/min -

### Characteristic Curves : Pressure drop at throttle fully opened



(measured at v=35mm<sup>2</sup>/s and t=50°C)



## Installation dimensions

