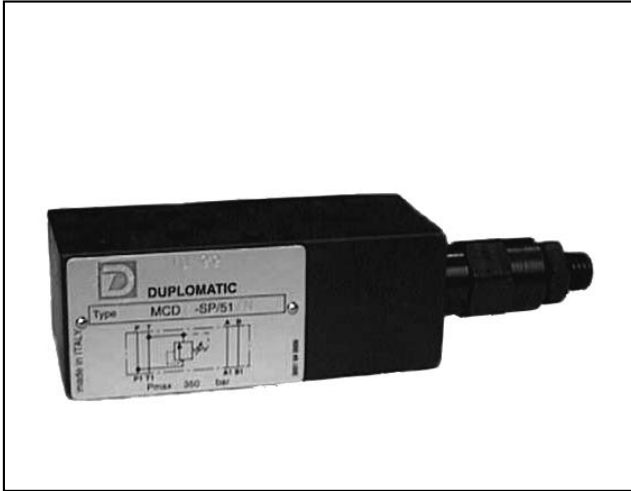




**DIPLOMATIC**  
HYDRAULICS

61 200/104 ED



# MCD

## DIRECT OPERATED PRESSURE RELIEF VALVE SERIES 51

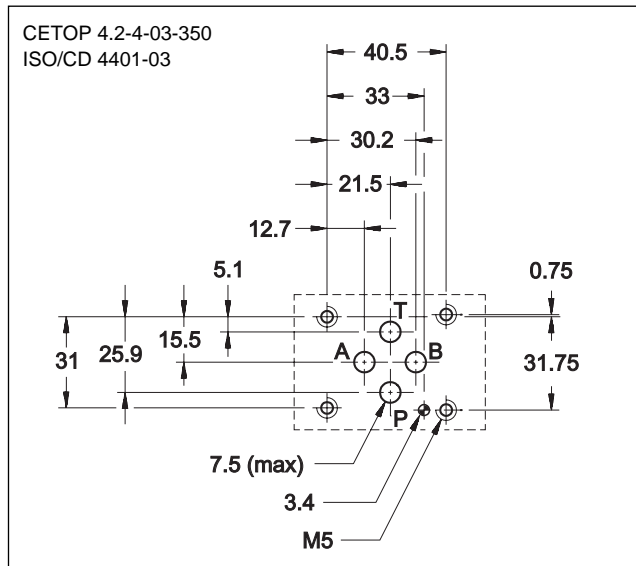
### MODULAR VERSION

### CETOP 03

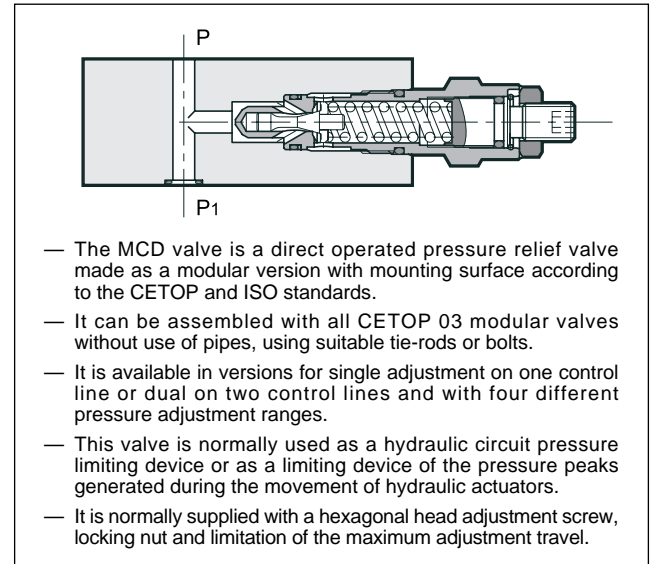
**p max 350 bar**

**Q max (see performance ratings table)**

### MOUNTING INTERFACE



### OPERATING PRINCIPLE



### CONFIGURATIONS (see Hydraulic symbols table)

- Configuration "SP": controls the pressure on line P with discharge in T.
- Configuration "SAT": controls the pressure on line A with discharge in T.
- Configuration "SBT": controls the pressure on line B with discharge in T.
- Configuration "DT": controls the pressure on lines A-B with discharge in T.
- Configuration "D": controls the pressure on lines A-B with crossed discharges
- Configuration "SB": controls the pressure on line B with discharge in A.

### PERFORMANCE RATINGS (measured with mineral oil of viscosity 36cSt at 50°C)

Maximum operating pressure	bar	350
Minimum controlled pressure	see $\Delta p$ -Q diagram	
Maximum flow rate in the controlled lines	l/min	50
Maximum flow rate in the free lines	l/min	75
Ambient temperature range	°C	-20 ÷ +50
Fluid temperature range	°C	-20 ÷ +80
Fluid viscosity range	cSt	10 ÷ 400
Recommended viscosity	cSt	25
Degree of fluid contamination	According to NAS 1638 class 10	
Mass: MCD - SP / MCD - SAT / MCD - SBT / MCD - SB	kg	1,4
MCD - DT / MCD - D	kg	2,0

### HYDRAULIC SYMBOLS

