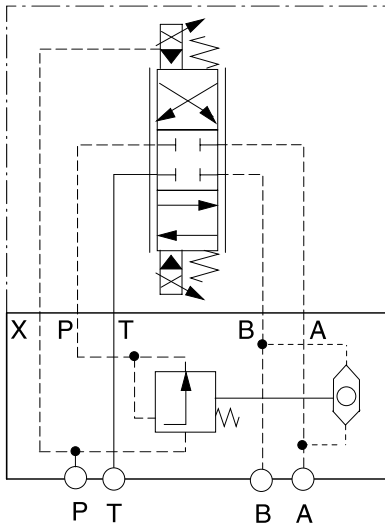


**Characteristics / Ordering Code**

2-way pressure compensators in sandwich design maintain a constant pressure differential between ports P and A or P and B. Thus achieves a constant flow rate by a steady cross sectional opening of a directional control valve. The control pressure applied to the spring side of the compensator spool is supplied from port A or B via a shuttle valve. Flow rate regulation is automatically effective in the port with the highest pressure.

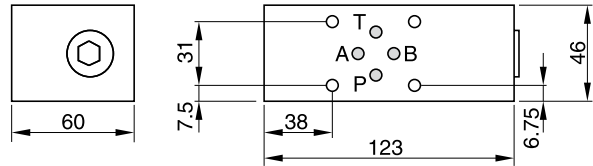
**Application example**



Proportional DC valve model D31FB with 2 way pressure compensator LCM3 maintains a constant flow rate. The diagram shows the design according to code X.

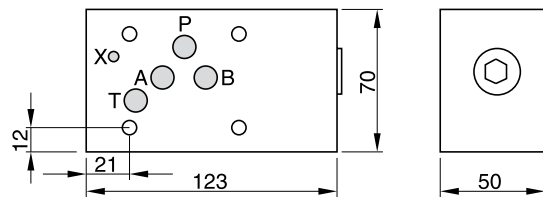
**Dimensions**

**LCM2**



Mounting screws: BK 403 (4 x M5 x 90)  
For mounting screws connected with the directional valves D1 or D31.

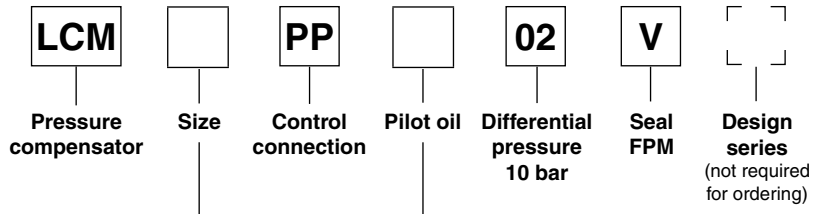
**LCM3**



Mounting screws: BK 412 (4 x M6x 90)  
The views show the mounting surface for the directional valve.

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**Ordering Code**



Code	Size
2	NG06
3	NG10

Code	Pilot oil
omit	internal
X <sup>1)</sup>	external

<sup>1)</sup> NG10 only

**Technical data**

General		LCM2	LCM3
Series		LCM2	LCM3
Size		NG06	NG10
Mounting interface		NFPA D03 CETOP 03	NFPA D05 CETOP 05
Ambient temperature	[°C]	-20...+60	
MTTF <sub>D</sub> value	[years]	150	
Hydraulic			
Max. operating pressure	[bar]	350	350
Pressure differential	[bar]	10	10
Fluid		Hydraulic oil according to DIN 51524	
Fluid temperature	[°C]	-20...+70	
Viscosity, permitted	[cSt] / [mm <sup>2</sup> /s]	20 ... 400	
Viscosity, recommended	[cSt] / [mm <sup>2</sup> /s]	30 ... 80	
Filtration		ISO 4406 (1999); 18/16/13	