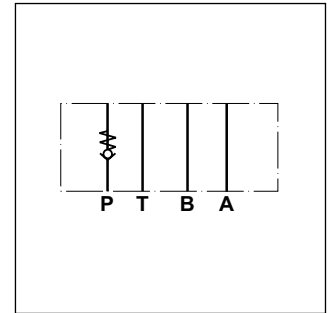


Check valves from the Parker series CM are in sandwich design for easy configuration of stack systems. Depending on the function required, one or two check valves are arranged in ports P, T, A, and B. Number and flow direction can be selected from the ordering code.

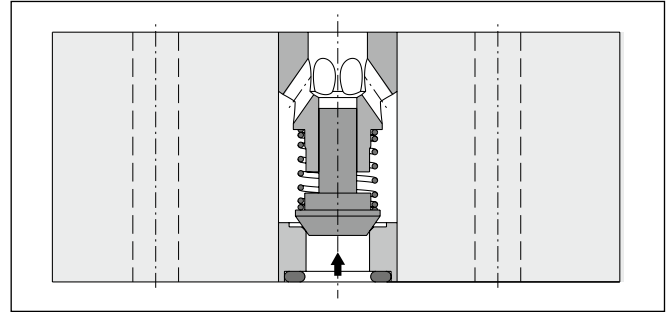
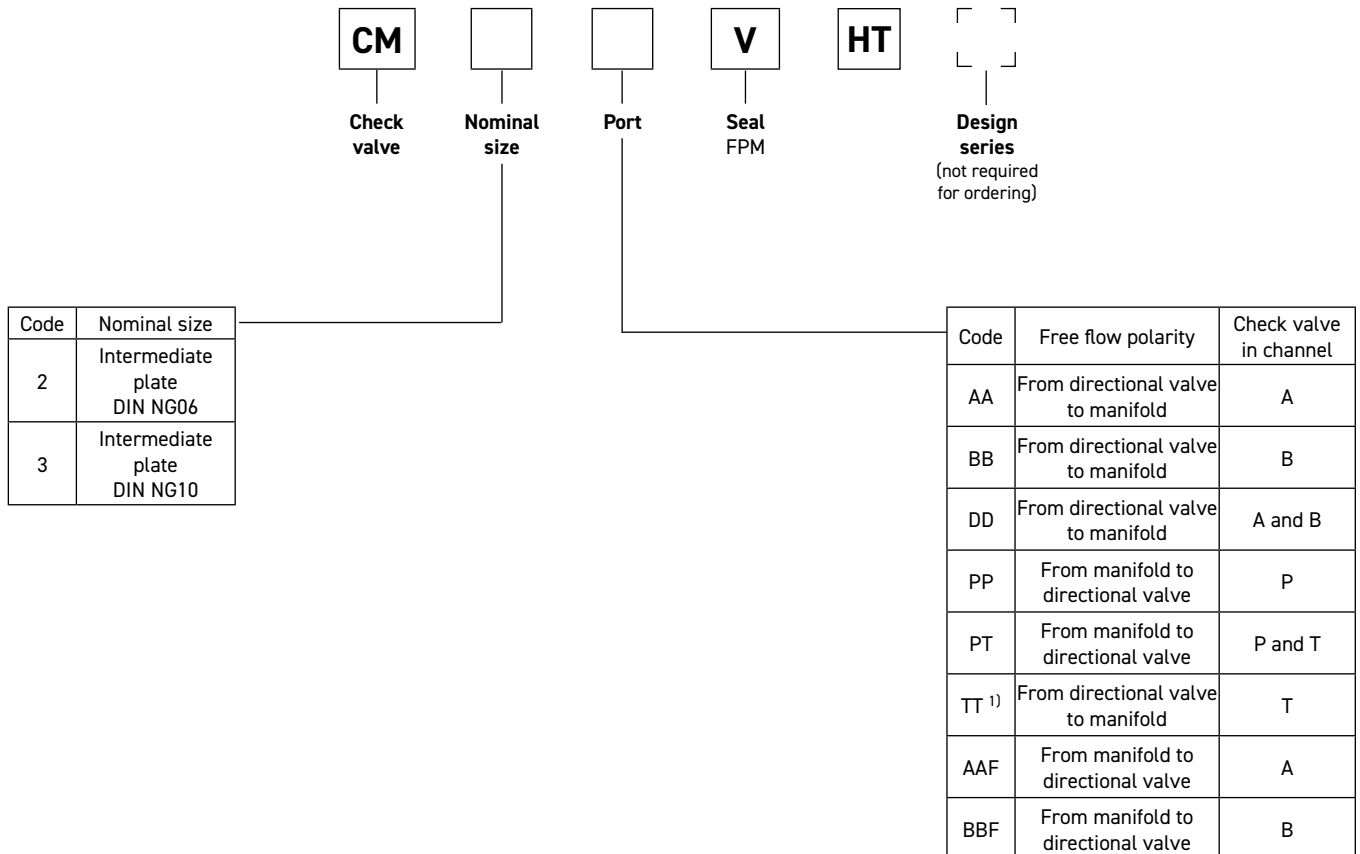
The HT series is our high performance line.

Features

- The valve bodies of the Parker valve series CM are made of steel.
- Eight options for the arrangement of the check valve in the body offer a multitude of uses for hydraulic circuits.
- CM2 - NG06 (CETOP 03)
- CM3 - NG10 (CETOP 05)



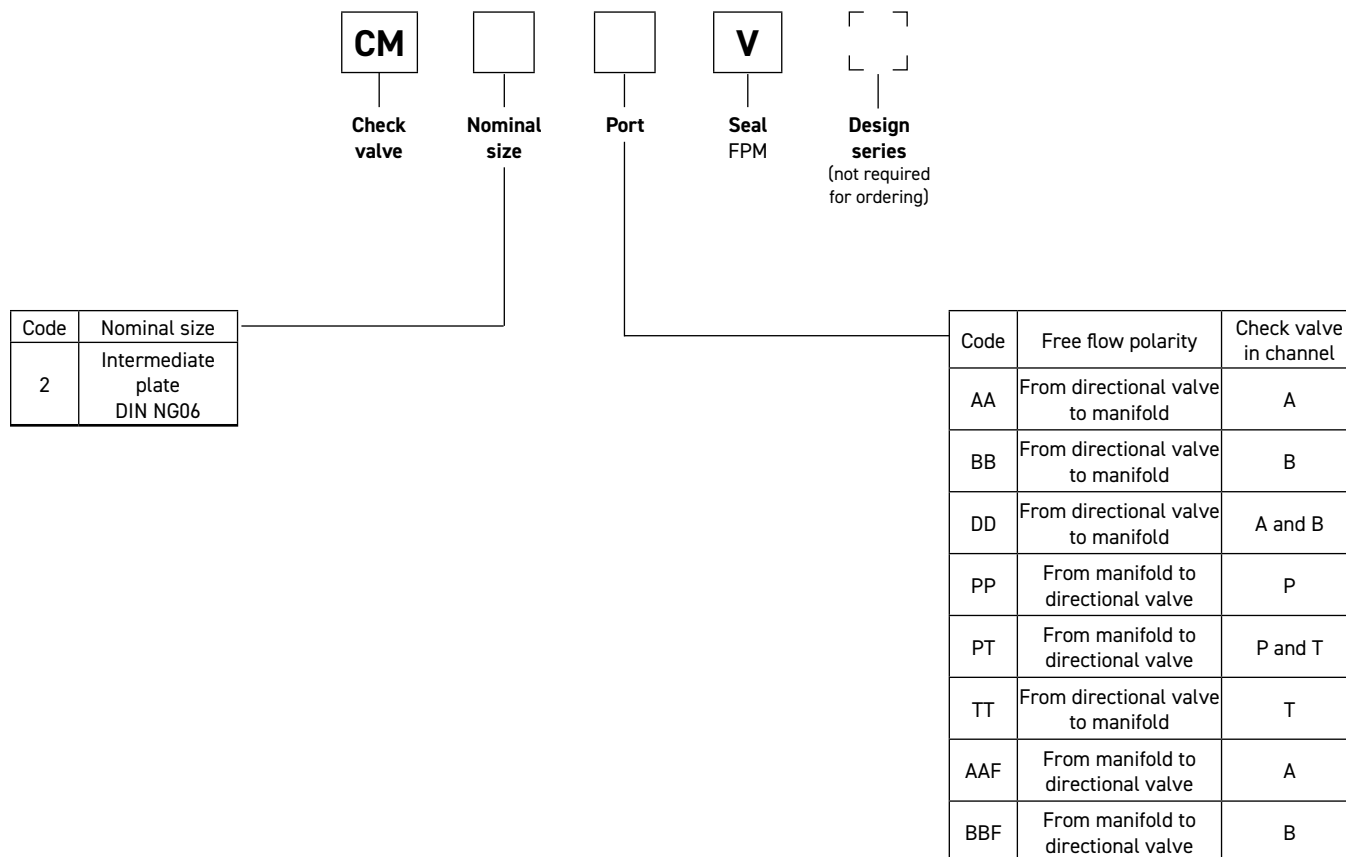
CM3

**Ordering code****High performance series**

¹⁾ For size Code 3: Check valve only in the T channel on the A side. Both T channels (T and T1) are drilled.

Ordering code

Standard performance

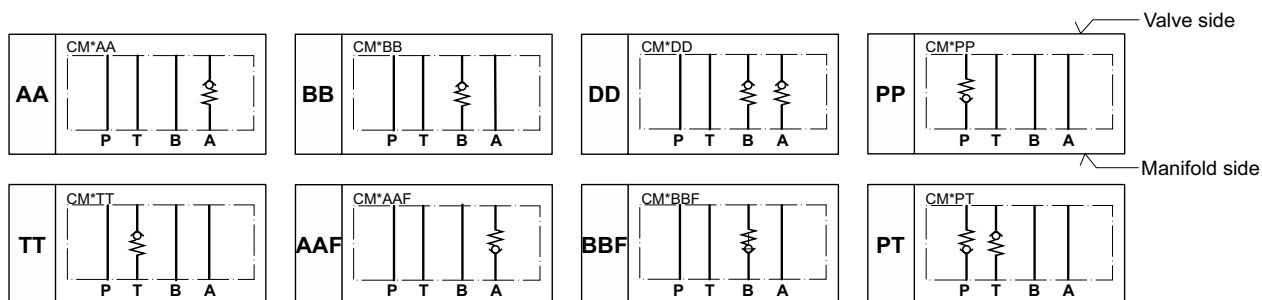


Technical data

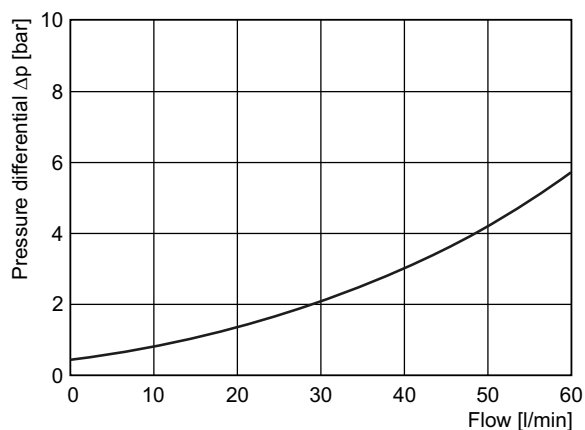
General			
Series		CM2	CM3
Size		NG06	NG10
Mounting interface		DIN 24340 A6 ISO 4401 NFPA D03	DIN 24340 A10 ISO 4401 NFPA D05
Mounting position		unrestricted	
Ambient temperature	[°C]	-20...+70	
MTTF _D value	[years]	150	
Weight	[kg]	0.7 (HT) / 0.8	2.0
Hydraulic			
Max. operating pressure	[bar]	350	350
Max. flow	[l/min]	60	120
Opening pressure	[bar]	0.5 (HT) / 0.3	0.5
Fluid		Hydraulic oil according to DIN 51524	
Fluid temperature	[°C]	-20...+70	
Viscosity, permitted	[cSt] / [mm²/s]	20...400	
Viscosity, recommended	[cSt] / [mm²/s]	30...80	
Filtration		ISO 4406; 18/16/13	

Schematics

The valve side is shown at the top of the symbols, the manifold side with channel designation is shown at the bottom.

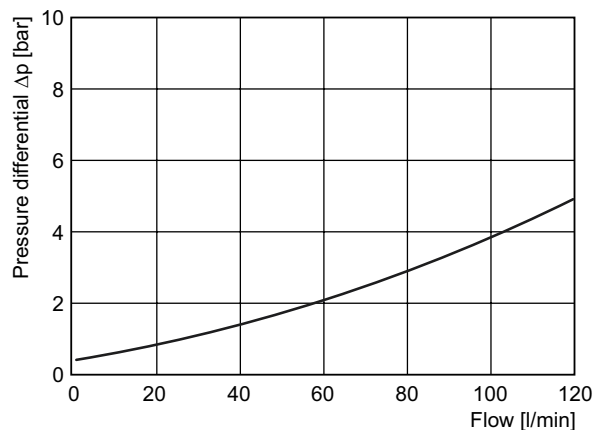
 $\Delta p/Q$ performance curves

CM2 (type HT)

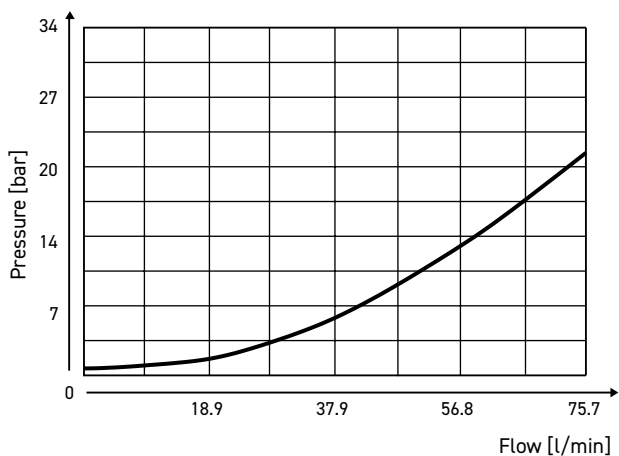


Measured with oil viscosity 33.0 mm²/s (cSt)

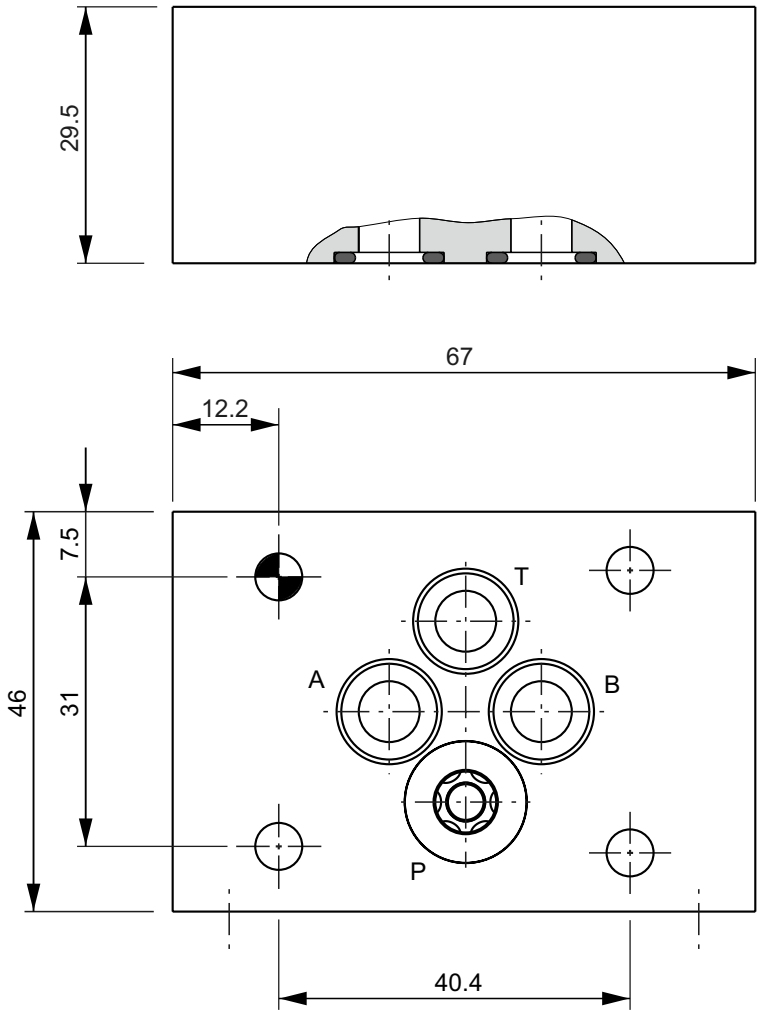
CM3 (type HT)



CM2 Reverse Flow Check

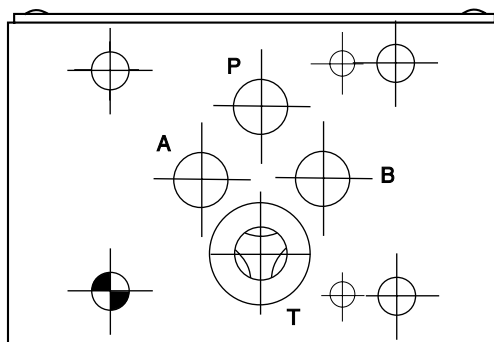
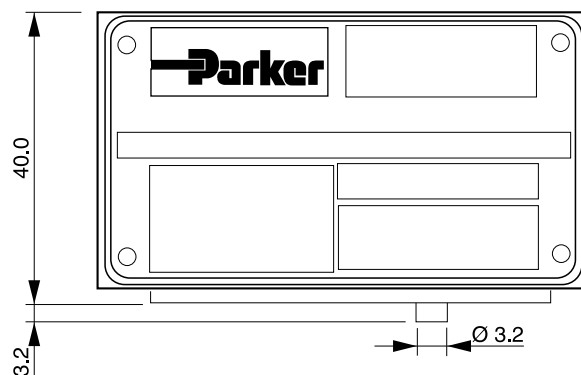
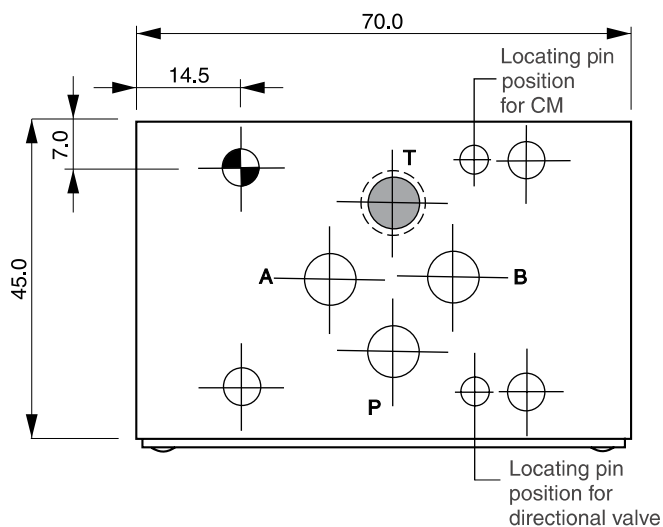


CM2 (type HT)



7

Seal kit CM2	
Seal	Order code
V	SK-CM2-V

CM2**Bottom view ¹⁾****Front side****Top view**

Seal kit CM2	
Seal	Order code
V	SK-CM2-V

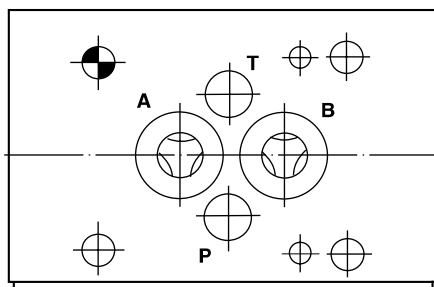
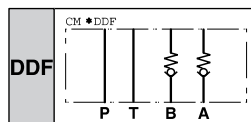
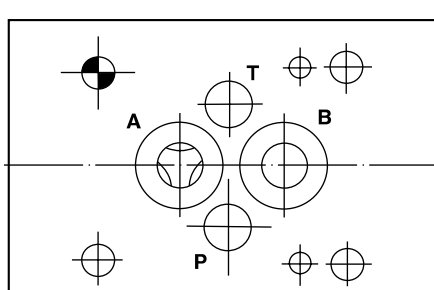
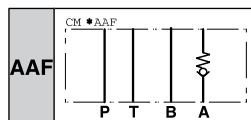
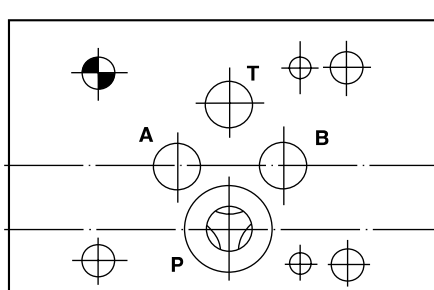
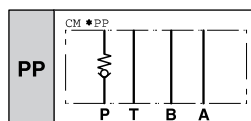
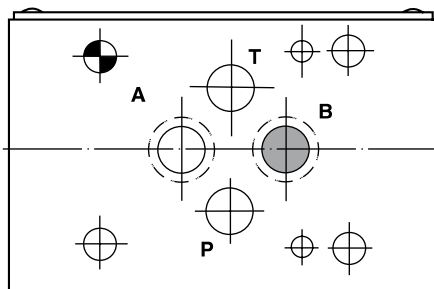
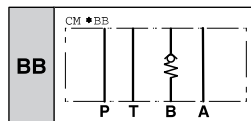
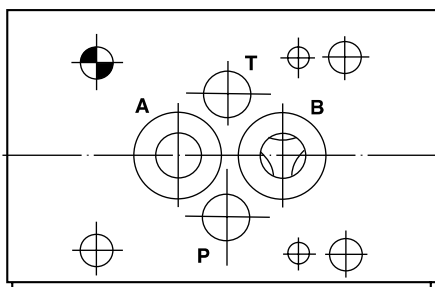
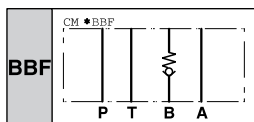
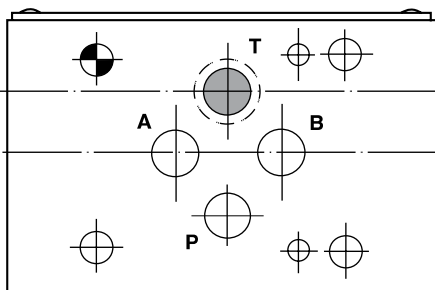
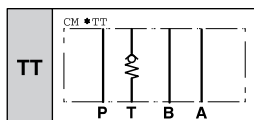
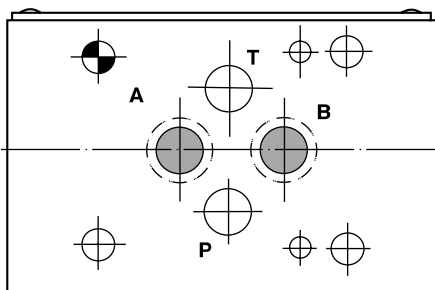
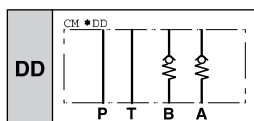
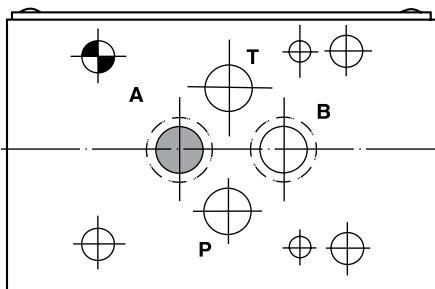
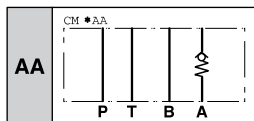
Note:

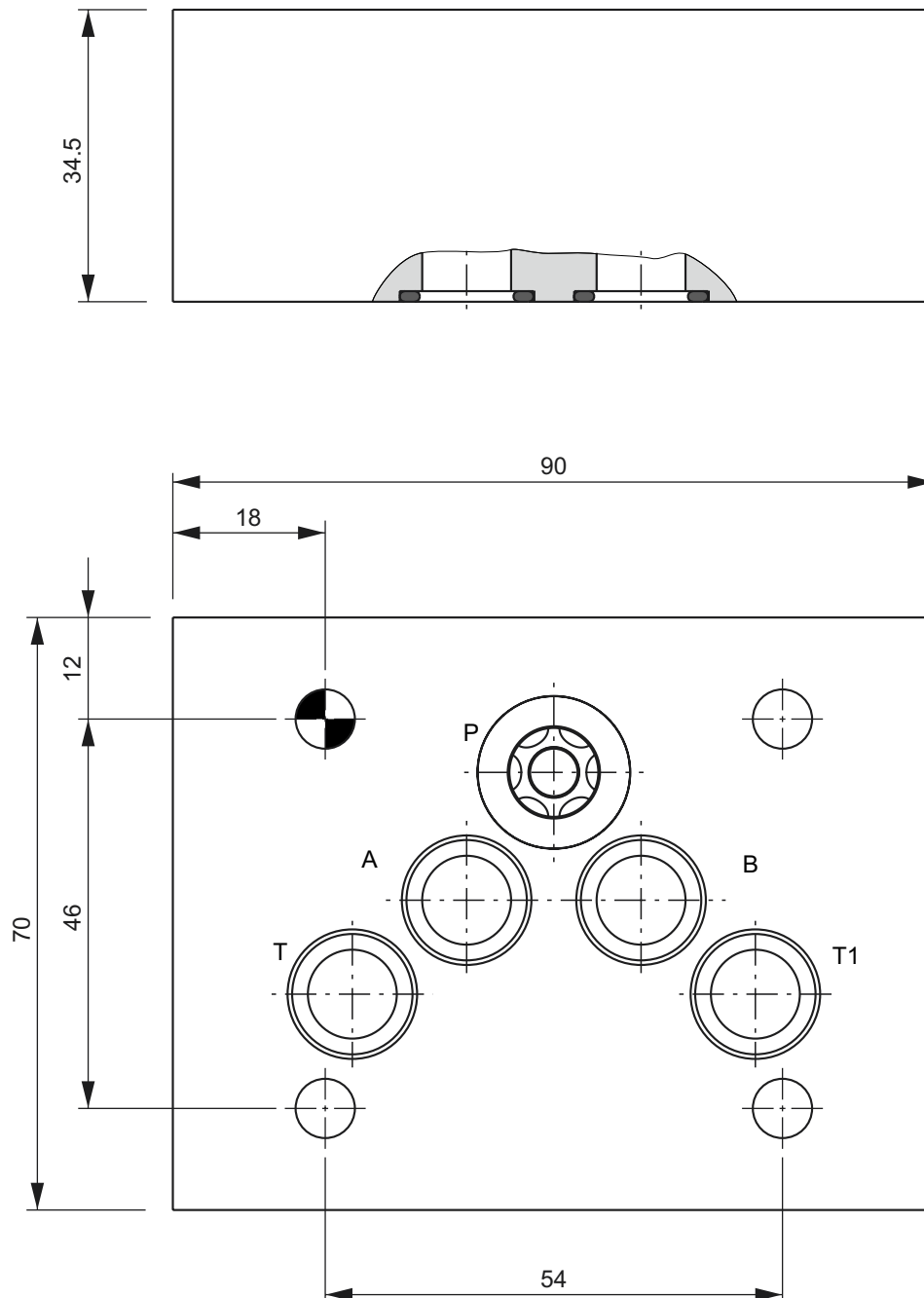
The O-ring plate for sealing the connecting surface of the manifold side is included.
The O-ring plate and the positioning pin are always mounted on the manifold side.

¹⁾ O-Ring plate is not shown! This view shows the TT model.

Dimensions

CM3 Top views (from directional valve side)



Dimensions**CM3 (type HT)**

Seal kit CM3	
Seal	Order code
V	SK-CM3-V