

The pilot operated pressure reducing valves series PRM are in sandwich design for easy configuration of stack systems. The reducing function is located in port P.

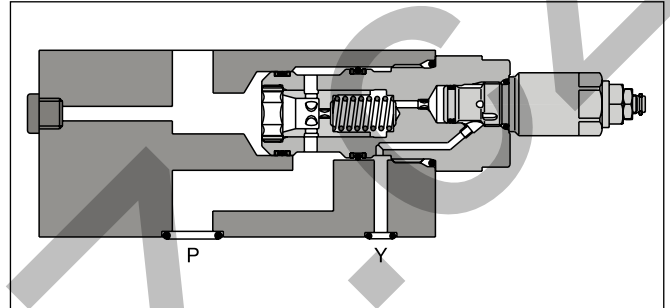
The pressure reduction for the desired connecting port is achieved by internal connections of the pilot and drain lines with the corresponding channels.

**Features**

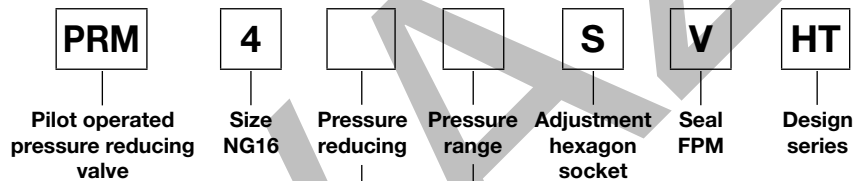
- The valve bodies of the Parker Manapak valve series PRM are made of steel.
- The control pressure range can be set by hexagon socket screw (PRM4), knob, or knob with cylinder lock (PRM6).
- Pressure gauge/measuring connections are available in the valve body.
- Piloting results in a flat p/Q performance curve.
- PRM4 - NG16 (CETOP 07)
- PRM6 - NG25 (CETOP 08)



PRM6

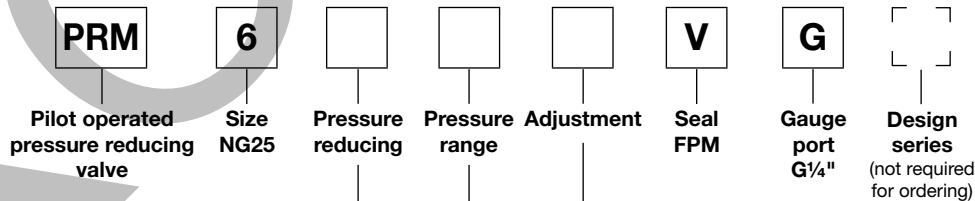


PRM4

**Ordering code**

Code	Pressure reducing
PP	Function in P, reduced pressure in P
PA	Function in P, reduced pressure in A
PB	Function in P, reduced pressure in B

Code	Pressure range
07	4 to 70 bar
25	10 to 250 bar
35	10 to 350 bar



Code	Connection
PA	P
AP	A

Code	Adjustment
L	Cylinder lock
K	Turning knob

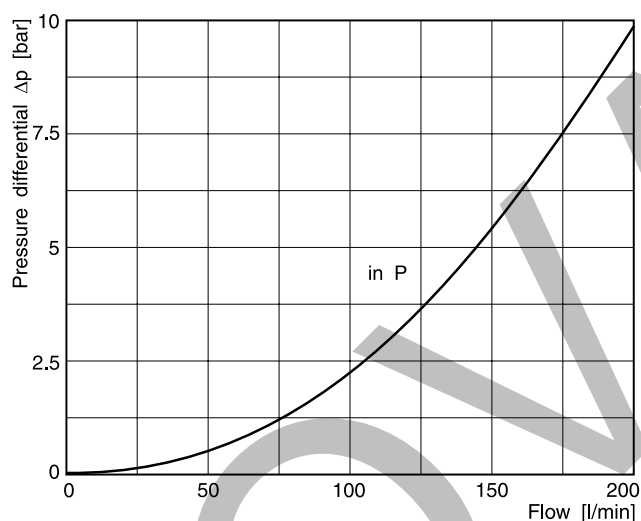
Code	Pressure range
07	10 to 70 bar
17	10 to 175 bar
25	10 to 250 bar

## Technical data

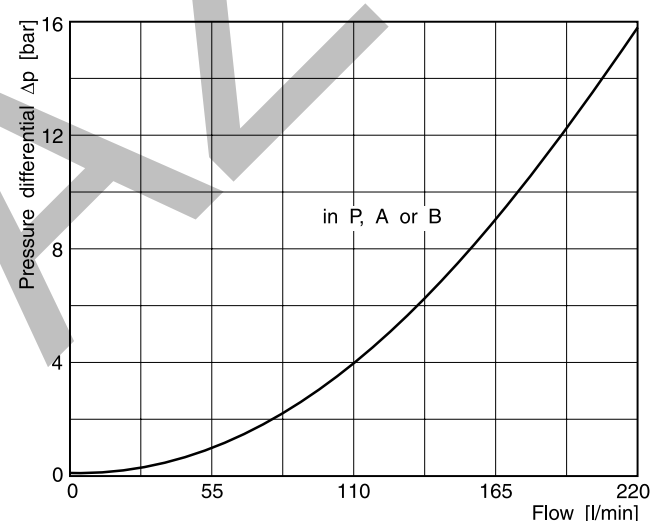
General			
Series		PRM4	PRM6
Size		NG16	NG25
Mounting interface		ISO 4401	
Ambient temperature [°C]		-20...+60	
Weight [kg]		5.0	5.6
MTTF <sub>D</sub> value [years]		75	
Hydraulic			
Max. operating pressure [bar]		350	250
Pressure reduction in channel		P, A, B	P, A
Fluid		Hydraulic oil according to DIN 51524	
Fluid temperature [°C]		-20...+70	
Viscosity, permitted recommended	[cSt] / [mm²/s]	20 ... 400	
	[cSt] / [mm²/s]	30 ... 80	
Filtration		ISO 4406 (1999): 18/16/13	

 $\Delta p/Q$  performance curves

## PRM4

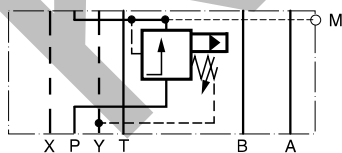
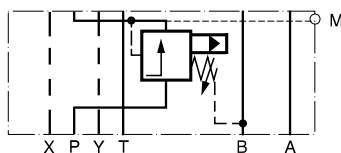


## PRM6

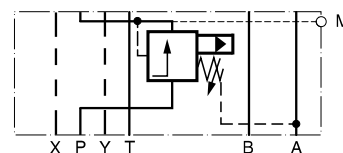


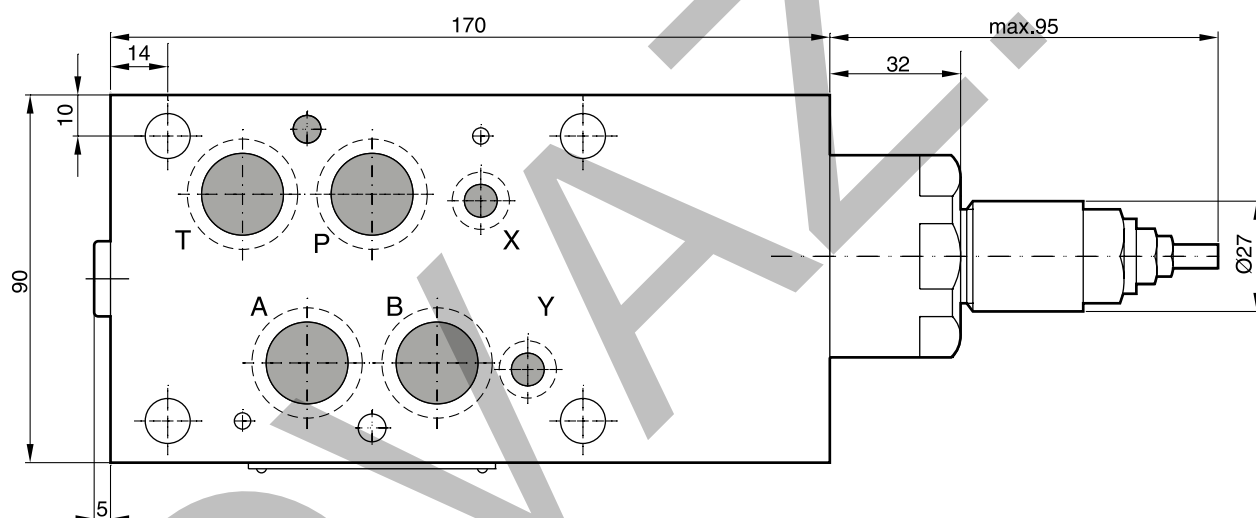
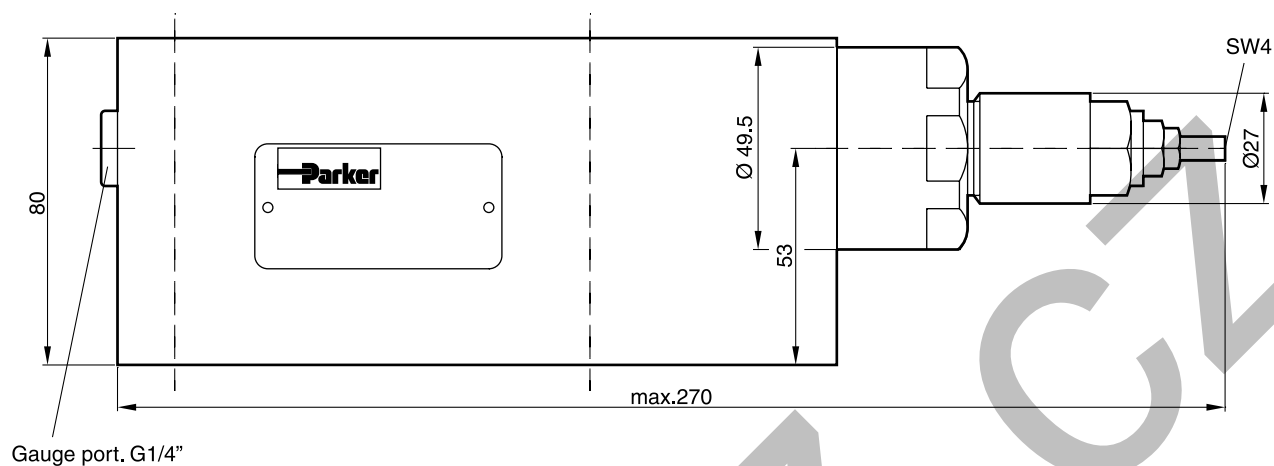
All characteristic curves measured with HLP46 at 50 °C.

## Schematics

PRM4PP  
PRM6PAPRM4PA  
PRM6AP

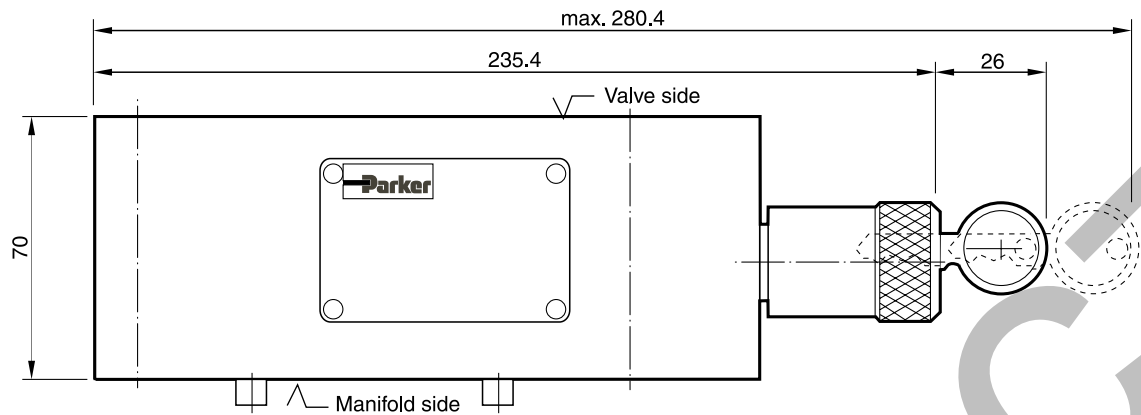
## PRM4PB



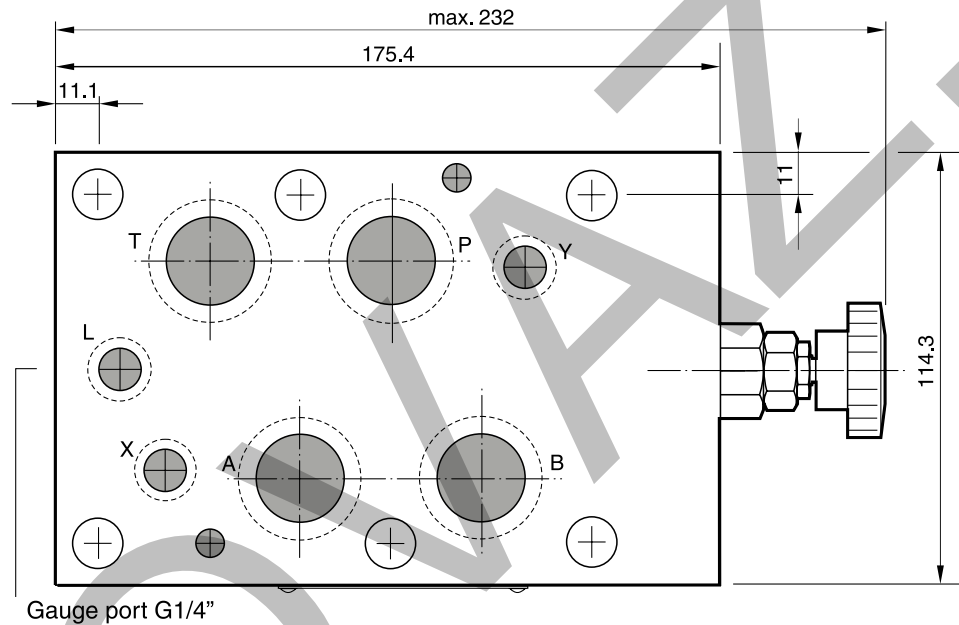
**PRM4****Adjustment code S**

Seal kit PRM4	
Seal	Order code
V	SK-PRM4-V-10

**PRM6**  
**Adjustment code L**



**Adjustment code K**



Seal kit PRM6	
Seal	Order code
V	SK-PRM6-V-25