

Characteristics

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.

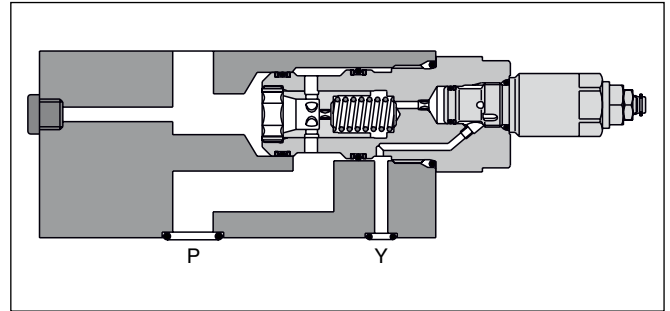
The pressure reduction for the desired connecting port is achieved by internal connections of the pilot and drain lines with the corresponding channels.

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



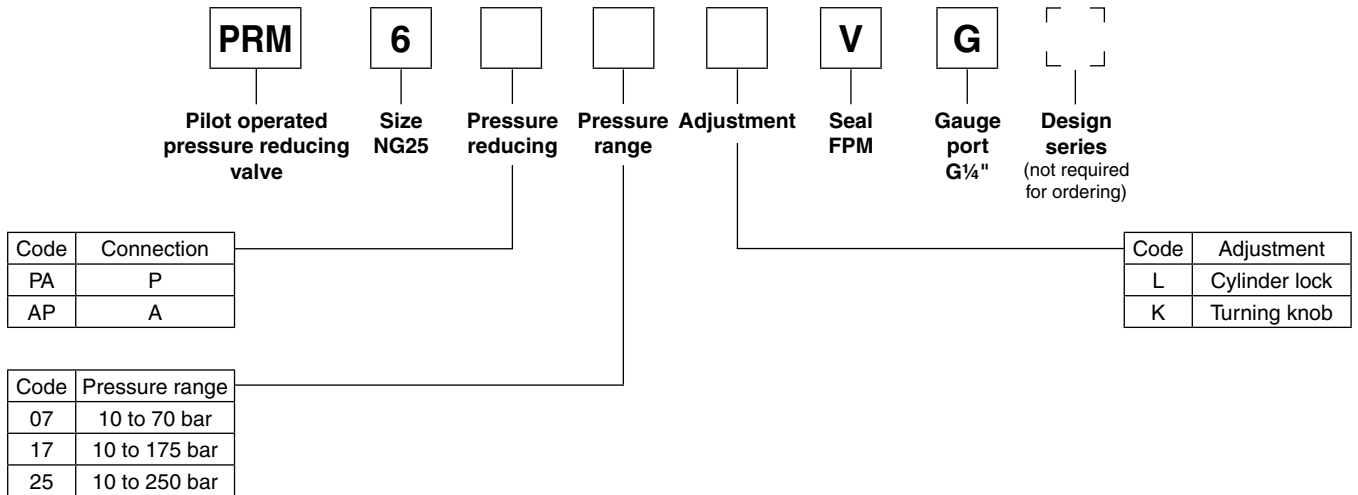
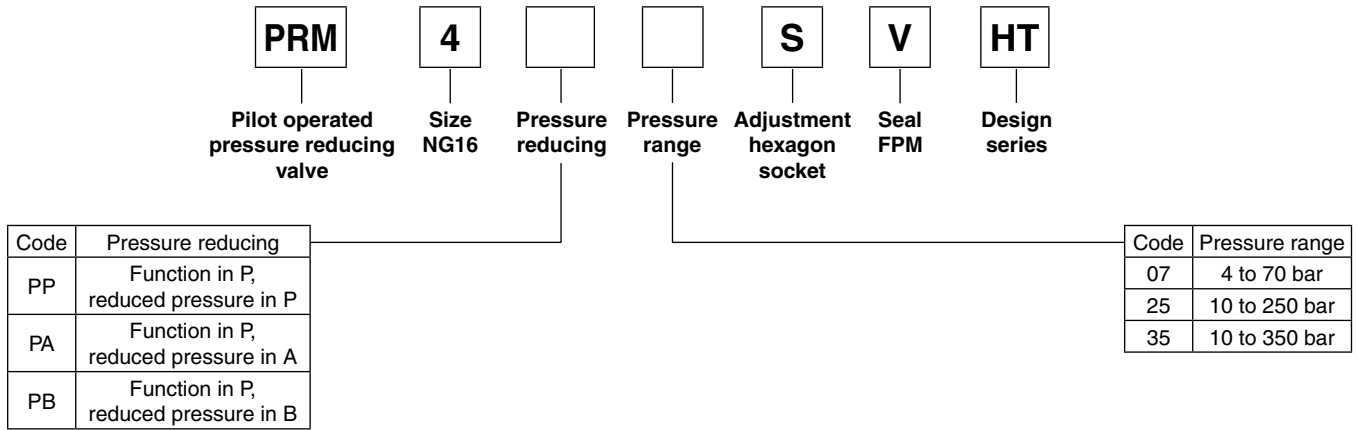
PRM4

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 _D 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	[cSt] / [mm ² /s] 20 ... 400	
	recommended	[cSt] / [mm ² /s] 30 ... 80	
Filtration		ISO 4406 (1999); 18/16/13	

Pilot Operated Pressure Reducing Valve Series PRM

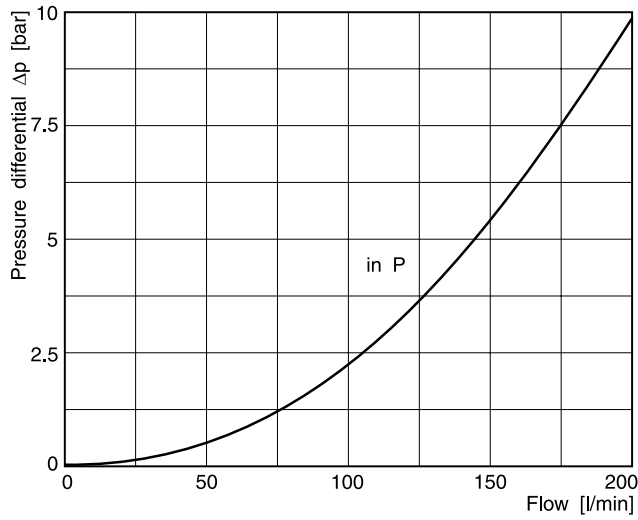
Ordering Code



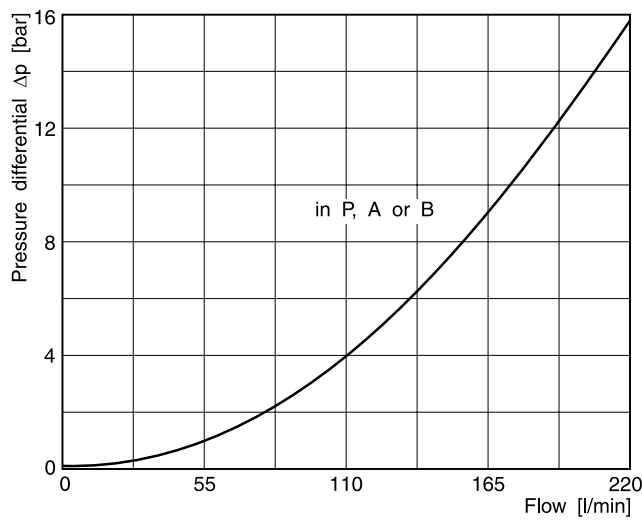
7

Δp/Q performance curves

PRM4

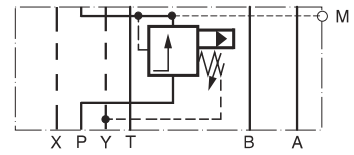


PRM6

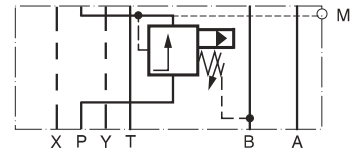


Schematics

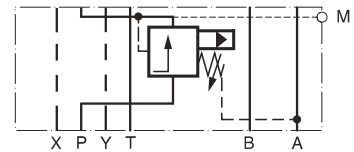
**PRM4PP
PRM6PA**



**PRM4PA
PRM6AP**



PRM4PB

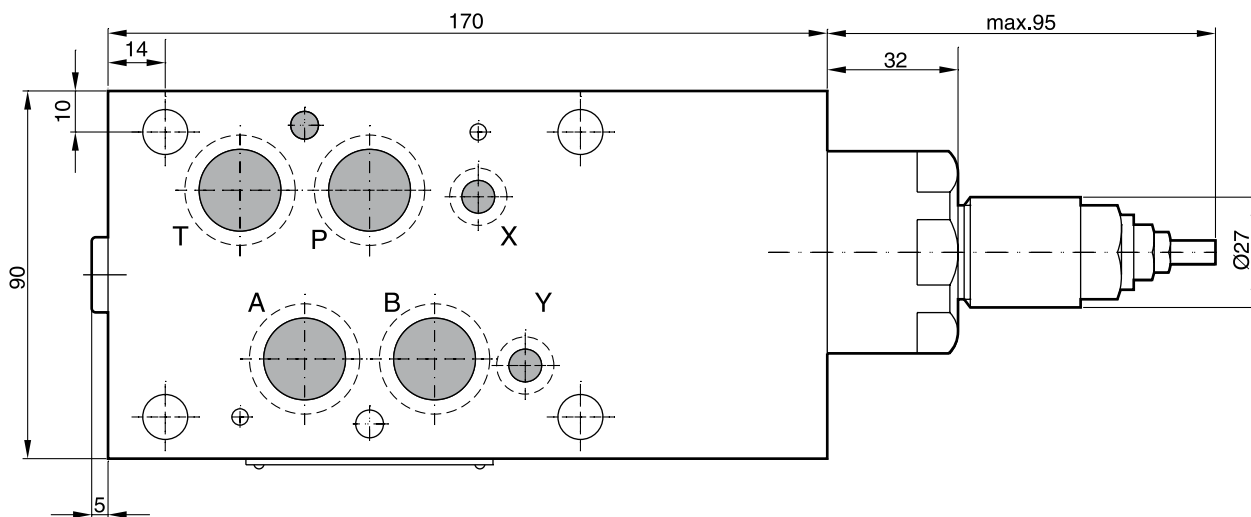
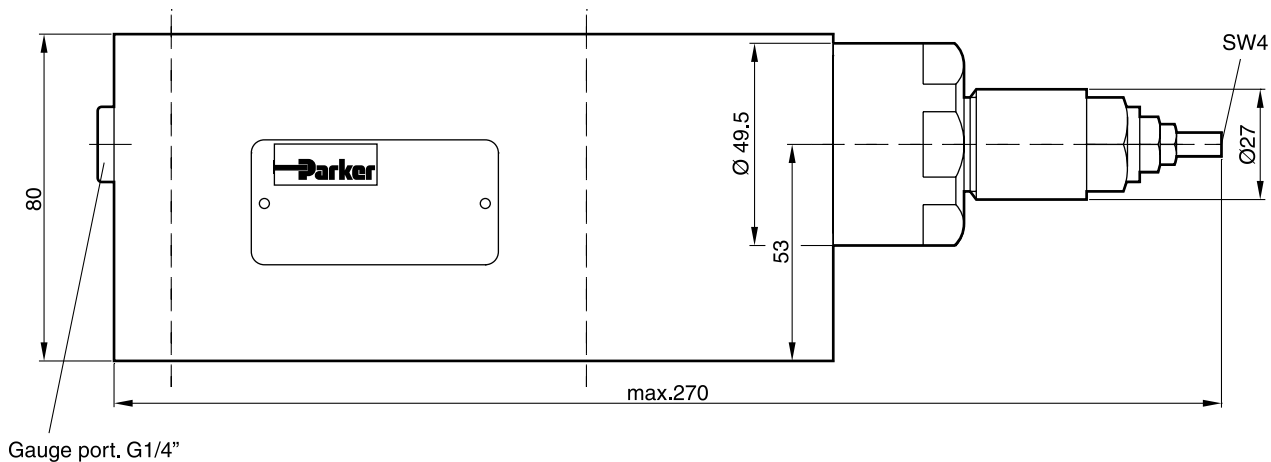


All characteristic curves measured with HLP46 at 50 °C.

Dimensions

PRM4

Adjustment code S



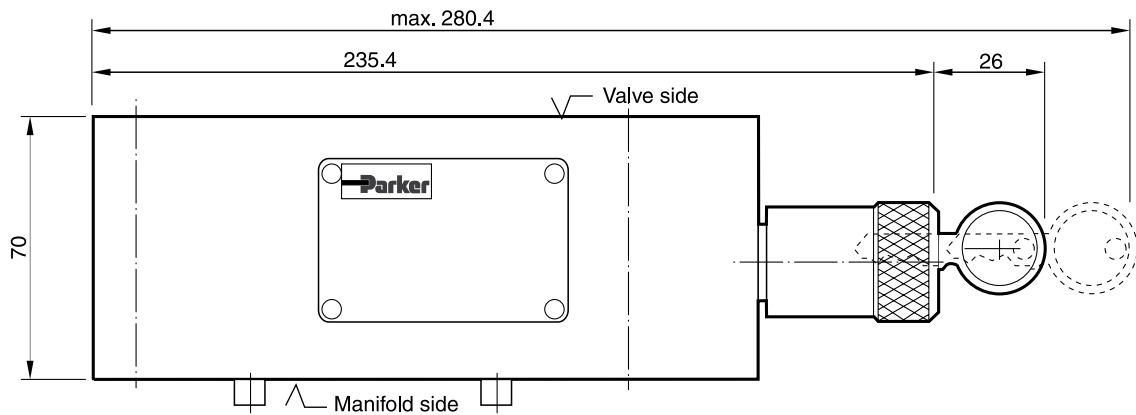
7

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

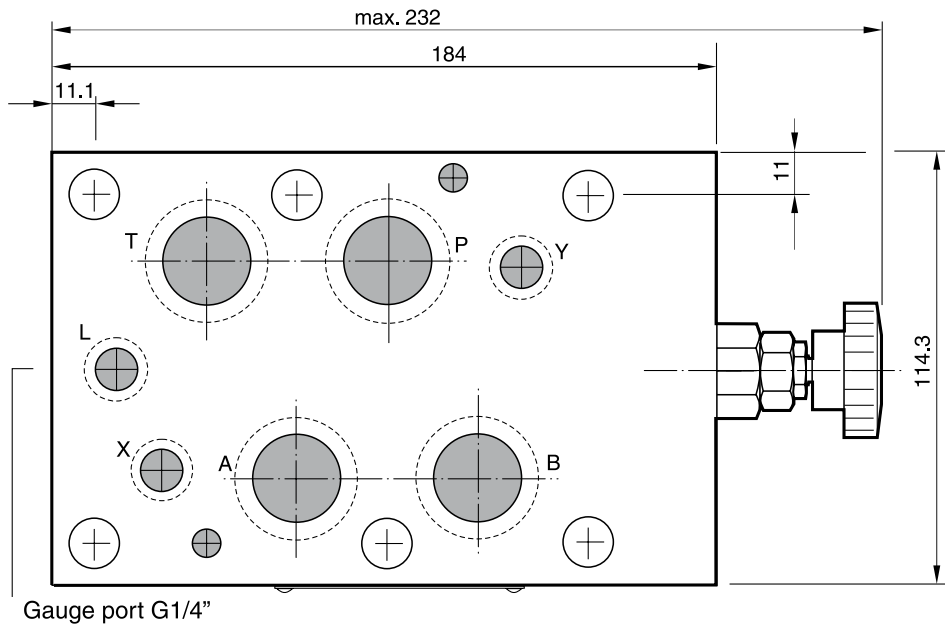
Dimensions

PRM6

Adjustment code L



Adjustment code K



7

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