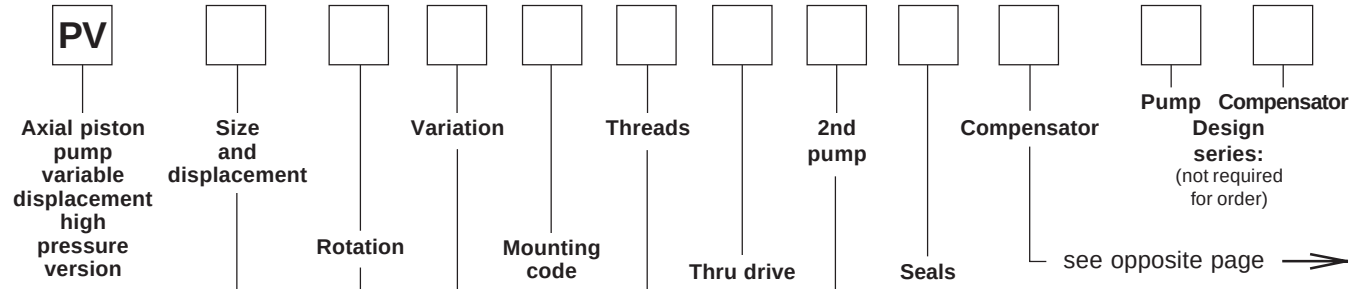


Code	Displacement
063	**63 cm³/rev**
080	**80 cm³/rev**
092	**92 cm³/rev**
140	**140 cm³/rev**
180	**180 cm³/rev**
270	**270 cm³/rev**

Code	Rotation [1]
R	**Clockwise**
L	Counter clockwise

[1] When looked on shaft

Code	Variation
1	**Standard**
9	Reduced displacement adjusted [2]

[2] For order specify displacement.

Code	Mounting interface		Shaft
D	SAE ISO 3019/1	4-hole flange	Cylindric, key
E		4-hole flange	Splined, SAE
F[3]		4-hole flange	Cylindric, key
G[3]		4-hole flange	Splined, SAE
K	**metr. ISO 3019/2**	**4-hole flange**	**Cylindric, key**
L		**4-hole flange**	**Splined, DIN 5480**

[3] Codes F and G only for PV140/180, see dimension sheet

Code	Port [4]	Threads[5]
1	**BSPP**	**Metric**
3	UNF	UNC
4[6]	BSPP	Metr. M14
7	ISO 6149	UNC
8	ISO 6149	Metric[1]

[4] Drain, gauge and flushing ports
[5] All mounting and connecting threads
[6] For PV063-PV180 only: pressure port 1 1/4" with 4 x M14 instead of 4 x M12

Code	Seals
N	**NBR**
V	FPM
E	EPDM
W	NBR with PTFE shaft seal
P	FPM with PTFE shaft seal
S	EPDM with PTFE shaft seal

Code	2nd pump option[7]
1	**Single pump, no 2nd pump and coupling**
2	PV140 or PV180 mounted
3	PV or PVM pump mounted
4	Gear pump series PGP mounted

[7] Specify 2nd pump with full model code

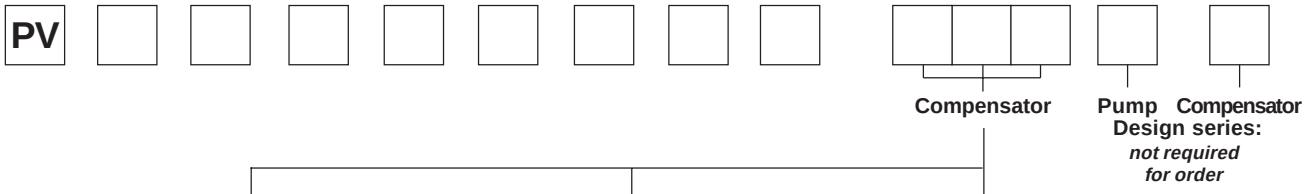
Code	Thru drive option no adaptor for 2nd pump
T	**Single pump prepared for thru drive**
	With adaptor for 2nd pump
Y[8]	SAE AA, Ø 50.8mm
A	SAE A, Ø 82.55mm
B	SAE B, Ø 101.6mm
C[9]	SAE C, Ø 127mm
D[10]	SAE D, Ø 152.4mm
E[11]	SAE E, Ø 165.1mm
G[12]	Metric, Ø 63mm
H	Metric, Ø 80mm
J	Metric, Ø 100mm
K[9]	Metric, Ø 125mm
L[10]	Metric, Ø 160mm
M[11]	Metric, Ø 200mm

[8] Only for PV016 - PV023
[9] Only for PV032 and larger
[10] Only for PV063 and larger
[11] Only for PV270
[12] Only for PV016 - PV092

Bold letters =
Short-term availability

PI PVplus UK.PMD RH

Parker Hannifin GmbH
Hydraulic Controls Division
Kaarst, Germany



Standard Pressure Compensator			
Code			Compensator options
0	**0**	**1**	**No compensator**
1	**0**	**0**	**With coverplate, no control function**
F	**D**	**S**	**10 - 140 bar, spindle + lock nut**
F	**H**	**S**	**40 - 210 bar, spindle + lock nut**
F	**W**	**S**	**70 - 350 bar, spindle + lock nut**
			Remote Compensator options
F	**R**		**Remote pressure compensator**
F	S		Variation R, for quick unload valve
F	**F**		**Load-Sensing compensator**
F	T		Two valve load-sensing compensator
			Variations for Remote Compensator
		C	**External pressure pilot [13)]**
		1	**NG6/D03 interface top side**
		2	**Like 1 but with ext. pilot port [15)]**
		P	**Pilot valve PVAC1P* mounted**
		D	Proportional pilot valve type PVACPP* mounted
		L	Pilot valve with DIN lock mounted
		Z	Accessory mounted [14)]

Horse power compensator									
Code			Displacement						Compensator option
			016 023	032 046	063 092	140	180	270	Nom. HP [kW] at 1500 min^{-1} / Nom. torque [Nm]
B			x						3 / 19.5
C			x						4 / 26
D			x	x					5.5 / 36
E			x	x					7.5 / 49
G			x	x	x				11 / 71
H			x	x	x				15 / 97
K			x	x	x	x			18.5 / 120
M				x	x	x	x		22 / 142
S				x	x	x	x		30 / 195
T					x	x	x	x	37 / 240
U					x	x	x	x	45 / 290
W					x	x	x	x	55 / 355
Y						x	x	x	75 / 485
Z						x	x	x	90 / 585
2							x	x	110 / 715
3								x	132 / 850
Function									
	L		x	x	x	x	x	x	Horse power compensator
	C		x	x	x	x	x	x	Horse power compensator and load-sensing
Variation									
		A	x	x	x	x	x	x	NG6 interface top side
		B	x	x	x	x	x	x	No pressure compensation
		C	x	x	x	x	x	x	Adjustable pressure compensation
		D	x	x	x	x	x	x	Proportional pilot valve PVACPP* mounted
		Z	x	x	x	x	x	x	Accessories mounted [14)]

Electrohydraulic compensator			
Code			Compensator option
			Pilot pressure supply
F			Standard (internal), no shuttle valve
U			Elbow manifold, compensator horizontal [16)]
			Function
	P		Proportional displacement control
			Variation
		V	Standard, no pressure compensation
		R	Remote pressure comp. NG6 interface
		G	Variation R, Pressure sensor and proportional pilot valve mounted for pressure resp. horse power control
		D	Variation R, Proportional pilot valve PVACPP* mounted
		Z	Variation R, accessories mounted [14)]
		S	Remote pressure comp., NG6 interface top side, for quick unload valve
		T	Variation S, pressure sensor and proportional pilot valve mounted for pressure resp. horse power control
		P	Remote pressure comp., NG6 interface top side, for preload and quick unload manifold
		E	Variation P, pressure sensor and proportional pilot valve mounted for pressure resp. horse power control

[16)] not for *UPV

Note

Compensator differential Δp is to be adjusted:

Remote pressure comp., horse power comp. 15 ± 1 bar
(Codes FR*, FT*, *L*, *C*, FPR, FPD, FPZ, FPG)

With quick unload manifold 12 ± 1 bar
(Codes FS*, FPS, FPT, FPP, FPE)

Load-Sensing comp. (not horse power comp.) 10 ± 1 bar
(Codes FF*)

The ordering code PVACPP* correspond to the DSAE1007P07*

[13)] Not for two-valve-compensator

[14)] Accessories not included, please specify on order with full model code.

[15)] Only for Codes *FR* and *FT*

Bold letters =
Short-term availability

PI PVplus UK.PMD RH

Parker Hannifin GmbH
Hydraulic Controls Division
Kaarst, Germany