

P	V				R	1					N						
Axial piston pump variable displacement high pressure version		Size and displacement			Rotation	Variation	Mounting code			Thru drive	2nd pump	Seals	Compensator		Pump	Compensator Design series: (not required for order)	
													see opposite page ➡				

Code	Displacement
063	63 cm ³ /rev
080	80 cm ³ /rev
092	92 cm ³ /rev
140	140 cm ³ /rev
180	180 cm ³ /rev
270	270 cm ³ /rev

Code	Rotation ¹⁾
R	Clockwise

¹⁾ When looked on shaft

Code	Variation
1	Standard

Code	Mounting interface	Shaft
K	metr. ISO 3019/2	4-hole flange
L	4-hole flange	Cylindric, key Splined, DIN 5480

Code	Port ²⁾	Threads ³⁾
1	BSPP	Metric
4 ⁴⁾	BSPP	Metr. M14

²⁾ Drain, gauge and flushing ports
³⁾ All mounting and connecting threads
⁴⁾ For PV063-PV180 only: pressure port 1 1/4" with 4 x M14 instead of 4 x M12

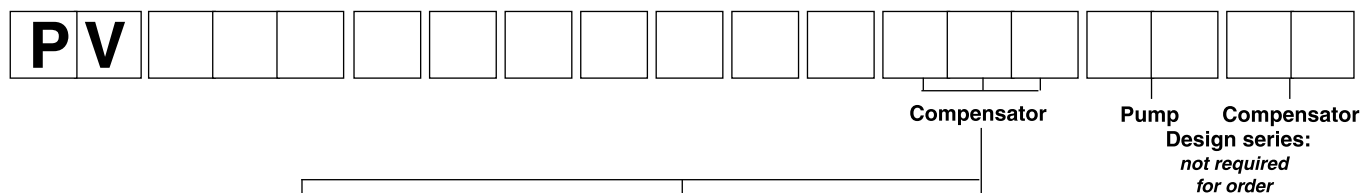
Code	2nd pump option ⁵⁾
1	Single pump, no 2nd pump and coupling
2	PV140 or PV180 mounted
3	PV pump mounted
4	Gear pump series PGP mounted

⁵⁾ 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
A	SAE A, Ø 82.55mm
B	SAE B, Ø 101.6mm
C	SAE C, Ø 127mm
D	SAE D, Ø 152.4mm
E ⁶⁾	SAE E, Ø 165.1mm
G ⁷⁾	Metric, Ø 63mm
H	Metric, Ø 80mm
J	Metric, Ø 100mm
K	Metric, Ø 125mm
L	Metric, Ø 160mm
M ⁶⁾	Metric, Ø 200mm

⁶⁾ Only for PV270
⁷⁾ Only for PV063 - PV092

bold letters = preferred program



Standard Pressure Compensator			
Code		Compensator options	
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	F		Load-Sensing compensator
Variations for Remote Compensator			
		C	External pressure pilot ⁸⁾
		1	NG6/D03 interface top side
		P	Pilot valve PVAC1P* mounted

Electrohydraulic compensator				
Code			Compensator option	
			Function	
F	P	V	Proportional displacement control	
			Pilot pressure supply	
U	P		Elbow manifold, compensator horizontal ⁹⁾	
			Variation	
		R	Remote pressure comp. NG6 interface	
		D	Variation R, Proportional pilot valve PVACPP* mounted	
		G	Variation R, Pressure sensor and proportional pilot valve mounted for pressure resp. power control	

⁸⁾ Not for two-valve-compensator

⁹⁾ not for *UPV

Power compensator								
Code			Displacement			Compensator option		
			063 092	140	180	270	Nom. power [kW] at 1500 min ⁻¹	Nom. torque [Nm]
G			x				11	71
H			x				15	97
K			x	x			18.5	120
M			x	x	x		22	142
S			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	Power compensator	
	C		x	x	x	x	Power compensator and load-sensing	
Variation								
		A	x	x	x	x	NG6 interface top side	
		B	x	x	x	x	No pressure compensation	
		C	x	x	x	x	Adjustable pressure compensation	

Note

Compensator differential Δp is to be adjusted:

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

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

bold letters = preferred program