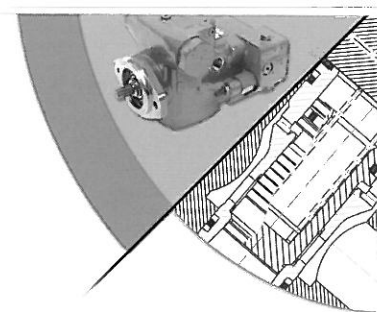


# HOW TO ORDER



BLOCK NUMBER EXPLANATION	1	2	3	-	4	-	5	6	7	-	8	9	10
VARIABLE PUMP EXAMPLE	P	V	M	-	011	-	B1	U	B	-	L	D	A

Continued from above

BLOCK NUMBER EXPLANATION	11	-	12	-	13a	13b	13c	13d	14	-	15	-	16	-	17
VARIABLE PUMP EXAMPLE	B	-	P	-	1	N	N	/J	SN	-	AN	-	05	-	XXX

1 = UNIT  
P = Pump

2 = TYPE  
V = Variable

3 = DESIGN TYPE  
M = Pump Series

4 = UNIT SIZE

011 = 10.8 cc/rev (0.66 cipr) 014 = 14.1 cc/rev (0.86 cipr) 022 = 22.1 cc/rev (1.35 cipr)	A Frame
025 = 25.4 cc/rev (1.55 cipr) 034 = 33.8 cc/rev (2.06 cipr) 046 = 46.4 cc/rev (2.83 cipr) 065 = 65.5 cc/rev (4.00 cipr) 075 = 75.5 cc/rev (4.61 cipr)	B Frame
064 = 63.6 cc/rev (3.88 cipr) 076 = 76.5 cc/rev (4.67 cipr) 098 = 98.3 cc/rev (6.00 cipr) 130 = 130.2 cc/rev (7.94 cipr)	C Frame

5 = DESIGN SERIES  
B1 = A Frame  
A1 = B Frame  
A2 = C Frame

6 = SAE DESIGN SERIES MODIFIER  
U = SAE Connector & Mounting

7 = SEALS  
B = Nitrile (standard)  
V = Viton  
P = EPDM w/PTFE shaft seal

8 = ROTATION  
L = Left-hand (CCW)  
R = Right-hand (CW)

9 = VALVE PLATE TYPE  
S = Rear Ported  
G = Side Ported  
D = Thru-Shaft w/ Side-Ports

10 = CONNECTION TYPE  
A = SAE Straight Port  
F = SAE Flange (B or C frame)

11 = SHAFT TYPE  
See Shaft Table Below.

12 = PRESSURE CONTROL  
P = Pressure Compensator

13a = PRESSURE COMPENSATOR OPTIONS  
1 = Single Pressure Compensator Setting  
A = Proportional EH Control  
B = Inverse Proportional EH Control  
C = Pressure Compensator w/Normally Open Soft Start  
K = Pressure Compensator w/Normally Closed Soft Start

13b = SOLENOID VOLTAGE  
N for Pressure Compensator  
For EH Controls:  
2 = 12 VDC  
3 = 24 VDC  
For Soft Start Controls:  
0 = 115 VAC  
2 = 12 VDC  
3 = 24 VDC

13c = CONNECTOR  
N for Pressure Compensator  
For EH & Soft Start Controls:  
N = No Connector  
R = DIN (1/2" NPT w/o Lite)  
S = DIN (PG-11 w/o Lite)  
\*6 = DIN Connector Amplifier

\* Available for EH Control Only

13d = CONTROL MODIFIER  
Blank for Pressure Compensator & EH Control  
/F = Standard Load Sense  
/J = Adjustable Load Sense \*\*  
/B = Adjustable Load Sense w/ Bleed-off \*\*  
\*\* Consult factory for use with EH Control, not available with Soft Start Control

14 = STROKE LIMITER OPTION  
NN = None  
SN = Adjustable Max. Volume Stop

15 = AUXILIARY ADAPTERS (for thru-shaft)  
Blank = None (for all rear and side port, non thru-shaft units)  
CP = Cover Plate  
AA = SAE A-A Adapter & Coupling (A frame only)  
AN = SAE A Adapter & Coupling  
BN = SAE B Adapter & Coupling (B or C frame only)  
CN = SAE C Adapter & Coupling (C frame only)  
NN = No Adapter or Coupling

16 = GEAR PUMPS  
Blank = None  
05 = 0.488 cipr  
07 = 0.672 cipr  
10 = 0.976 cipr  
14 = 1.403 cipr  
20 = 2.015 cipr

17 = SPECIAL PUMP MODIFIER  
(Assigned by factory when necessary)

Shaft Table

Shaft Code	PVM-011/ -014/-022	PVM-025/ -034/-046	PVM-065/ -075	PVM-064/-076/ -098/-130
Y	.75" Keyed	.875" Keyed	1.00" Keyed	1.25" Keyed
B	.875" Keyed	1.00" Keyed	1.25" Keyed	1.50" Keyed
S	SAE A Spline	SAE B Spline	SAE B Spline	SAE C Spline
C	SAE B Spline	SAE B-B Spline	SAE B-B Spline	SAE C-C Spline
D	None	None	SAE B-B Spline CI 5	SAE C-C Spline CI 5
L	None	None	SAE B Spline CI 5	None

Shaft Note:

Spline Shafts S and C should be used for rigid internal drives such as gear boxes and internally splined electric motors. Spline Shafts D and L should be used for clamped and slip fit flexible couplings. Mating internal splines for all shafts is per ANSI B92.1 tolerance class 5.

# Oilgear How to Order