

# HOW TO ORDER

BLOCK NUMBER EXPLANATION	1	2	3	-	4	-	5	6	7	-	8	9	10	11	-	12	-	13	14	-	15
VARIABLE PUMP EXAMPLE	P	V	V	-	540	-	A1	U	V	-	L	D	F	Y	-	P	-	1NN	SN	-	NN

- 1** = UNIT  
P = Pump
- 2** = TYPE  
V = Variable
- 3** = DESIGN TYPE  
V = Type
- 4** = UNIT SIZE  
200 = 200 ml/rev.  
250 = 250 ml/rev.  
540 = 540 ml/rev.
- 5** = DESIGN SERIES  
\*B1 = Series (Subject to change)
- 6** = DESIGN SERIES MODIFIER  
A = SAE Mounting and BSPP Ports (200/250 only)  
B = ISO Mounting and BSPP Ports  
S = SAE Mounting and SAE Ports (200/250 only)  
U = ISO Mounting and SAE Ports
- 7** = SEALS  
V = Viton (Std.)  
B = Buna-N  
E = Butyl  
P = EPR
- 8** = ROTATION  
L = Left-hand (CCW) (Std.)  
R = Right-hand (CW)
- 9** = VALVE PLATE TYPE  
D = Top & Bottom Ported (One-way Service)  
S = Rear Ported (One-way Service)
- 10** = CONNECTION TYPE  
F = Flange (Flanges are customer supplied)
- 11** = SHAFT END DESIGNATOR  
Y = Keyed (ISO) (Std.)  
S = Splined (SAE)  
T = Keyed (SAE)
- 12** = CONTROL TYPE  
A = Force Amplifier  
F = Fixed (screw adjustable)  
P = Pressure Compensating  
R = Two Position Solenoid Selector  
V = Electrohydraulic (w/Feedback)

<b>13</b>						
a	b	c	/	d	e	f

Omit if not required

### "A" CONTROL ONLY

- 13a** = OPERATOR  
E = Proportional Coil Amplifier Connector (Open Loop)  
F = Proportional Coil Operator with Amplifier Connector and D.C.D.T. (Closed Loop)

- 13a** = OPERATOR - continued.  
R = Remote Pressure Signal 150 to 650 PSI (10 to 45 Bar)  
P = Pull Type Manual Stem Operator  
M = Push Type Manual Stem Operator
- 13b** = SIGNAL OUTPUT  
R = Rising Signal/Increases Stroke  
F = Falling Signal/Increases Stroke
- 13c** = CONTROL BIAS  
F = Spring Bias to Full Stroke (Std.)  
G = With Sequence Valve for Standby Pilot  
H = Ext. Pilot Pressure Port w/Checks
- 13d** = UNIT  
P = Pressure Over-ride Modifiers
- 13e** = PRESSURE OVER-RIDE OPTIONS  
F = Single Setting Flange Mount With System Safety  
G = Multi Compensator or System Relief Settings Via Pilot Control Module; Flange Mount
- 13f** = INPUT HORSEPOWER OVER-RIDE  
H = 100 = 100 HP Input (Specify 1800 RPM HP)

### "F" CONTROL ONLY

- 13abc** = STROKE  
100 = Full Stroke  
075 = 75% Stroke  
050 = 50% Stroke  
etc.

### "P" CONTROL ONLY

- 13a** = COMPENSATOR OPTIONS  
1 = Single Setting  
2 = Dual Setting  
3 = Triple Setting  
A = Normally Open Proportional Device  
B = Normally Closed Proportional Device  
C = Single Pressure w/Soft Start  
D = Dual Pressure w/Soft Start  
E = Triple Pressure w/Soft Start  
R = Remote Control
- 13b** = SOLENOID VOLTAGE  
N = None Required  
0 = 115/60 - 110/50 VAC  
1 = 230/60 - 220/50 VAC  
2 = 12 VDC  
3 = 24 VDC
- 13c** = CONNECTOR  
N = None Required  
R = .500 NPT w/o Lite  
W = .500 NPT w/Lite  
S = PG-11 w/o Lite  
L = PG-11 w/ Lite

- 13d** = CONTROL MODIFIER  
F = Load Sense Option  
G = Load Sense w/Horsepower Limiting Option (200/250 only)  
H = Horsepower Limiting Option (200/250 only)

- 13e** = INPUT HORSEPOWER  
100 = 100 HP Input (Specify 1800 RPM HP)

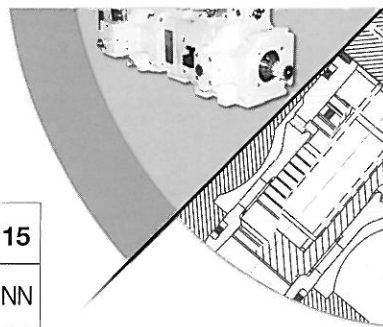
### "R" CONTROL ONLY

- 13a** = TYPE  
U = Two Volume Control
- 13b** = SOLENOID VOLTAGE  
0 = 115/60 - 110/50 VAC  
1 = 230/60 - 220/50 VAC  
2 = 12 VDC  
3 = 24 VDC
- 13c** = CONNECTOR  
N = None  
R = .500 NPT w/o Lite  
W = .500 NPT w/Lite  
S = PG-11 w/o Lite  
L = PG-11 w/Lite  
B = .500 NPT Conduit Box

### "V" CONTROL ONLY

- 13a** = TYPE  
M20 = Integral 20 Liter SV  
R = Remote Mounted SV
- 13b** = (REMOTE ONLY) PUMP MOUNTING  
N = Outside of Reservoir  
T = "In-Tank" Mounting
- 13c** = (REMOTE ONLY) VISUAL STROKE INDICATOR  
N = None  
L = Cable Mounting Arranged For Indicator on Left Side of Pump, Facing Driveshaft  
R = Cable Mounting Arranged For Indicator on Right Side of Pump, Facing Driveshaft.
- 13d** = (INTEGRAL SV ONLY) CONTAMINATION FUSE  
F = Fuse Included
- 14** = VOLUME STOPS  
SN = Maximum  
SA = Minimum  
SB = Max. & Min.
- 15** = COVER PLATE  
NN = None  
CP = Cover Plate  
ADAPTER (If Used)  
AN = SAE A; 2 Bolt Mounting (200/250 only)  
AA = SAE AA; 2 Bolt Mounting (200/250 only)  
BN = SAE B; 2 Bolt Mounting  
BB = SAE BB; 2 Bolt Mounting (200/250 only)  
CN = SAE C; 2 Bolt Mounting  
(Omit If Not Required)

\* Subject to change without notice.



# Oilgear How to Order