Premier pumps — **Model number sheet**

Example model code: Revised 6/24/02

P	16	H	-02	R	1	*	-C	0	0	-C	0

Pump	P
Displacement	
4.9 cu.in./rev.	05
80.3 cc/rev.	080
6.7 cu.in./rev.	07
109.8 cc/rev.	110
8.6 cu.in./rev.	09
140.9 cc/rev.	140
12.2 cu.in./rev.	12
200.0 cc/rev.	200
16.0 cu.in./rev.	16
262.2 cc/rev.	260
Style	
High speed (>1800 RPM)(for P16/260 only)	H
Quiet (for P16/260 only)	Q
All other sizes	leave blank
Shaft	
Keyed - SAE or ISO	-02
Splined - SAE or ISO	-03
Splined - SAE high torque (P16 only)	-05
Keyed - DIN (metric pumps only) (DIN 40mm for sizes 080 & 110, DIN 50mm for sizes 140 & 200, DIN 60mm for size 260)	-06
Splined - DIN (metric pumps only) (DIN 40mm for sizes 080 & 110, DIN 50mm for sizes 140 & 200, DIN 60mm for size 260)	-07
Keyed - DIN (DIN 60mm for size 200 only)	-08
Splined - DIN (DIN 60mm for size 200 only)	-09
Rotation	
Clockwise	R
Counter-clockwise	L
Seals	
Nitrile (Buna-N)	1
EPR (pump will be unpainted unless otherwise specified)	4
Flourocarbon (Viton)	5
Design letter (assigned by manufacturer)	*
Primary controls	
Compensator	-C
Load sensing compensator (50 PSI pressure drop)	-L
Load sensing compensator (200 PSI pressure drop)	-M
Rotary servo	-R
Hydraulic servo	-H
Electro-hydraulic servo	-E
Low torque limiter	-J
High torque limiter	-K
Load sensing (L) + low torque limiter (J)	-V
Load sensing (L) + high torque limiter (K)	-W
PQ high response	-X
Load sensing (M) + low torque limiter (J)	-Y
Load sensing (M) + high torque limiter (K)	-Z
Primary control options	
Max. volume screw without indicator	1
Handwheel max. volume control without indicator (not available w/ R, H, E, & X primary controls)	2
Max. volume screw with potentiometer	3
Max. volume screw with LVDT	4
Max. volume screw with mechanical cam angle indicator	5
Handwheel max. volume control with potentiometer (not available w/ R, H, E, & X primary controls)	6
Handwheel max. volume control with LVDT (not available w/ R, H, E, & X primary controls)	7
Handwheel max. volume control with mechanical cam angle indicator (not available w/ R, H, E, & X primary controls)	8
Secondary controls	
None	0
Compensator override (for E, H, & R primary controls only)	P
Low torque limiter override (for E, H, & R primary controls only)	J
High torque limiter override (for E, H, & R primary controls only)	K
External drive	
None	-0
rear blanking plate	-M
SAE-A (SAE 82-2) with SAE-A (SAE 16-4) coupling	-A
SAE-A (SAE 82-2) with SAE-B (SAE 22-4) coupling	-G
SAE-B (SAE 101-2 & SAE 101-4) with SAE-B (SAE 22-4) coupling	-B
SAE-B (SAE 101-2 & SAE 101-4) with SAE-BB (SAE 25-4) coupling	-Q
SAE-C (SAE 127-2 & SAE 127-4) with SAE-C (SAE 32-4) coupling	-C
SAE-C (SAE 127-2 & SAE 127-4) with SAE-CC (SAE 38-4) coupling	-N
SAE-D (SAE 152-2 & SAE 152-4) with SAE-D & SAE-E (SAE 44-4) coupling	-D
SAE-E (SAE 165-2 & SAE 165-4) with SAE-D & SAE-E (SAE 44-4) coupling (P12/200 and P16/260 only)	-E
ISO 180 B4HW Flange, K40N coupling	-T
ISO 180 B4HW Flange, K50N coupling	-U
ISO 180 B4HW Flange, DIN 40-18 coupling (P16/260 only)	-L
ISO 180 B4HW Flange, DIN 50-24 coupling (P16/260 only)	-S
ISO 224 B4HW Flange, K50N coupling (P12/200 and P16/260 only)	-R
ISO 250 B4HW Flange, K50N coupling (P16/260 only)	-V
ISO 200 B4HW Flange, K50N coupling (P12/200 and P16/260 only)	-W
ISO 160 B4HW Flange, K40N coupling	-X
ISO 125 B4HW Flange, K32N coupling	-Y
ISO 100 B4HW Flange, K25N coupling	-Z
External mounting	
No external pump mounted	0
External pump mounted (requires special modification "-M2")(must be separately specified)	1
Special modification	
None	omit
No paint	-NP
Other special modification (examples: bronze caged barrel bearing for low viscosity fluids, mechanical shaft seal, hydrostatic cam, tandem pumps, etc.)	-M2

Allowable controls

C10, C20, C30, C40, C50, C60, C70, C80, E10, E30, E40, E50, E1P, E3P, E4P, E5P, E1J, E3J, E4J, E5J, E1K, E3K, E4K, E5K
H10, H30, H40, H50, H1P, H3P, H4P, H5P, H1J, H3J, H4J, H5J, H1K, H3K, H4K, H5K, J10, J20, J30, J40, J50, J60, J70, J80
K10, K20, K30, K40, K50, K60, K70, K80, L10, L20, L30, L40, L50, L60, L70, L80, M10, M20, M30, M40, M50, M60, M70, M80
R10, R30, R40, R50, R1P, R3P, R4P, R5P, R1J, R3J, R4J, R5J, R1K, R3K, R4K, R5K, V10, V20, V30, V40, V50, V60, V70, V80
W10, W20, W30, W40, W50, W60, W70, W80, X10, X50, Y10, Y20, Y30, Y40, Y50, Y60, Y70, Y80, Z10, Z20, Z30, Z40, Z50, Z60, Z70, Z80