

# PUMP MODEL CODING

## Liquiflo Max®-Series Gear Pumps Selection & Availability



Sample Model No. **M5 S 6 P E E 0 U 0 0 0 0 0**  
 Position No. 1 2 3 4 5 6 7 8 9 10 11 12

### EXAMPLE:

**M5S6PEE0U0000**, designates a Model M5 Pump with Single Mechanical Seal.

**M5 S 6 P E E 0 U 0 0 0 0**  
 1 2 3 4 5 6 7 8 9 10 11 12

Pos.	Description	Selection
1	Pump Model	M5 M5 Pump
2	Housing Mat'l	S 316 SS NPT
3	Drive Gear Mat'l	6 316 SS
4	Idler Gear Mat'l	P PEEK
5	Wear Plate Mat'l	E Carbon 60
6	Bearing Mat'l	E Carbon 60
7	Motor Frame Size	0 0.625" (56C)
8	Seal Type	U Single-Int, Carbon-SiC
9	Bearing Flush	0 None
10	Shafts	0 316 SS (uncoated)
11	O-Rings	U Teflon
12	N/A	

Liquiflo's Model Code describes both the pump's size and materials selected. This model code is required for the future identification of your pump when reordering either a pump or replacement parts. Model code is permanently stamped into pump housing.

- Available
- ⊗ Not Available
- CF Contact Factory

Flanges available:  
 ANSI, DIN, JIS,  
 or slip joint flanges conforming to the dimensions of the standard.

### CONNECTION SIZES

	M0 - M3	M4 / M5	M6	M7	M8
THREADED	1/2	3/4	1	1 1/4	1 1/2
FLANGED	1/2	3/4	1	1 1/4	1 1/2

Position	Model	M0	M1	M2	M3	M4	M5	M6	M7	M8
<b>Position 1</b>	<b>Pump Model</b>									
<b>Position 2</b>	S = 316 SS NPT	■	■	■	■	■	■	■	■	■
	L = 316 SS Flanged	■	■	■	■	■	■	■	■	■
	X = 316 SS BSPT	■	■	■	■	■	■	■	■	■
	T = Titanium NPT	CF	CF	CF	CF	■	CF	■	CF	CF
	R = Titanium Flanged	CF	CF	CF	CF	■	CF	■	CF	CF
Z = Titanium BSPT	CF	CF	CF	CF	■	CF	■	CF	CF	
<b>Position 3</b>	4 = Titanium	CF	CF	CF	CF	■	CF	■	CF	■
	6 = 316 SS	■	■	■	■	■	■	■	■	■
	9 = 17-4 PHSS Integral Gear-Shaft†	■	■	■	■	■	■	■	■	■
	P = PEEK	■	■	■	■	■	■	■	■	■
<b>Position 4</b>	3 = Teflon	■	■	■	■	■	■	■	■	■
	6 = 316 SS	■	■	■	■	■	■	■	■	■
	9 = 17-4 PHSS Integral Gear-Shaft†	■	■	■	■	■	■	■	■	■
	P = PEEK	■	■	■	■	■	■	■	■	■
<b>Position 5</b>	3 = Teflon	■	■	■	■	■	■	■	■	■
	4 = Ceramic	■	■	■	■	■	■	■	■	■
	E = Carbon 60	■	■	■	■	■	■	■	■	■
	P = PEEK	■	■	■	■	■	■	■	■	■
<b>Position 6</b>	B = Silicon Carbide	■	■	■	■	■	■	■	■	■
	E = Carbon 60	■	■	■	■	■	■	■	■	■
	P = PEEK	■	■	■	■	■	■	■	■	■
		■	■	■	■	■	■	■	■	■
<b>Position 7</b>	0 = 0.625" (NEMA 56C/56HC)	■	■	■	■	■	■	■	■	■
	1 = 0.875" (NEMA 143/145TC)	■	■	■	■	■	■	■	■	■
	2 = 14 mm (IEC 71 - B5)	■	■	■	■	■	■	■	■	■
	3 = 19 mm (IEC 80 - B5)	■	■	■	■	■	■	■	■	■
	4 = 24 mm (IEC 90 - B5)	■	■	■	■	■	■	■	■	■
5 = 1.125" (NEMA 182/184TC)	⊗	⊗	⊗	⊗	⊗	■	■	■	■	
<b>Position 8</b>	U = Single-Int Carbon - SiC	■	■	■	■	■	■	■	■	■
	F = Double Carbon - SiC	■	■	■	■	■	■	■	■	■
	0 = Mag-Drive (Sealless)	■	■	■	■	■	■	■	■	■
<b>Position 9</b>	0 = Standard Housings (without Bearing Flush)	■	■	■	■	■	■	■	■	■
	2 = Internal Bearing Flush	■	■	■	■	■	■	■	■	■
<b>Position 10</b>	0 = 316 SS (uncoated)	■	■	■	■	■	■	■	■	■
	1 = Ceramic Coated 316 SS	■	■	■	■	■	■	■	■	■
	2 = Tungsten Carbide Coated 316 SS	■	■	■	■	■	■	■	■	■
	3 = 17-4 PHSS Integral Gear-Shaft†	■	■	■	■	■	■	■	■	■
4 = TiO <sub>2</sub> Coated Titanium	CF	CF	CF	CF	■	CF	■	CF	■	
<b>Position 11</b>	0 = Teflon - Viton	■	■	■	■	■	■	■	■	■
	V = Viton - Viton	■	■	■	■	■	■	■	■	■
	T = Teflon - Kalrez	■	■	■	■	■	■	■	■	■
	K = Kalrez - Kalrez	■	■	■	■	■	■	■	■	■
<b>Position 12</b>	U = (MCU) 75 in-lbs	■	■	■	■	■	⊗	⊗	⊗	⊗
	B = (MCB) 120 in-lbs	■	■	■	■	■	■	■	■	■
	V = (MCV) 200 in-lbs	■	■	■	■	■	■	■	■	■
<b>Suffix Trim Options</b>	- 8 = Temperature Trim	■	■	■	■	■	■	■	■	■
	- 9D = Viscosity Trim (double clearance)	■	■	■	■	■	■	■	■	■
	- 9T = Viscosity Trim (triple clearance)	■	■	■	■	■	■	■	■	■

† Available for Sealed Pumps only.

\* Titanium Pumps are not available in Sealed configuration.

▲ Seal Seat O-ring is not applicable for Mag-Drive Pumps.