

PUMP MODEL CODING

Max-Series Gear Pumps

Liquiflo Max®-Series Gear Pumps

Selection & Availability



Example:

M5S6PEEU0000, designates a Model M5 Pump with Single Mechanical Seal.

M5	S	6	P	E	E	0	U	0	0	0	0	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	Basic Mat'l/Ports	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	0 Teflon-Viton
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

Raised Face Flanges available:
ANSI, DIN.

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

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

Position Model	1 Pump Model	M0	M1	M2	M3	M4	M5	M6	M7	M8
Position Basic Material & Port Type	2 S = 316 SS NPT L = 316 SS Flanged 150# K = 316 SS Flanged 300# X = 316 SS BSPT	■	■	■	■	■	■	■	■	■
Position Drive Gear	3 6 = 316 SS 9 = 17-4 PHSS Integral Gear-Shaft† P = PEEK	■	■	■	■	■	■	■	■	■
Position Idler Gear	4 6 = 316 SS 9 = 17-4 PHSS Integral Gear-Shaft† P = PEEK	■	■	■	■	■	■	■	■	■
Position Wear Plates	5 3 = Teflon B = Silicon Carbide E = Carbon 60 P = PEEK	■	■	■	■	■	■	■	■	■
Position Bearings	6 B = Silicon Carbide E = Carbon 60 P = PEEK	■	■	■	■	■	■	■	■	■
Position Motor Frame Size	7 0 = 0.625" (NEMA 56C) 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) 8 = 28 mm (IEC 100/112 - B5)	■	■	■	■	■	■	■	■	■
Position Seal Type or Mag-Drive	8 U = Single-Int Carbon - SiC F = Double Carbon - SiC 0 = Mag-Drive (Sealless)	■	■	■	■	■	■	■	■	■
Position Bearing Flush	9 0 = Standard Housings (without Bearing Flush) 2 = Internal Bearing Flush	■	■	■	■	■	■	■	■	■
Position Shafts	10 0 = 316 SS (uncoated) 1 = Chrome Oxide Coated 316 SS 2 = Tungsten Carbide Coated 316 SS 3 = 17-4 PHSS Integral Gear-Shaft†	CF	CF	CF	CF	CF	CF	CF	CF	CF
Position O-Rings (Housing - Seal Seat*)	11 0 = Teflon - Viton V = Viton - Viton T = Teflon - Kalrez K = Kalrez - Kalrez	■	■	■	■	■	■	■	■	■
Position Magnetic Coupling (Mag-Drive Only)	12 U = (MCU) 75 in-lbs B = (MCB) 120 in-lbs V = (MCV) 200 in-lbs	■	■	■	■	■	⊗	⊗	⊗	⊗
Suffix Trim Options	- 8 = Temperature Trim - 9D = Viscosity Trim (double clearance) - 9T = Viscosity Trim (triple clearance)	■	■	■	■	■	■	■	■	■

† Available for Sealed Pumps only.

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

Note: If 17-4 PHSS Drive & Idler Gears are selected (Code = 99), shaft selection must be Code = 3 for 17-4 PHSS Integral Shafts. The Drive Gear & Drive Shaft come as one piece; the Idler Gear & Idler Shaft come as one piece.