

PUMP MODEL CODING

4-Series Gear Pumps

Example:

43S6PEEN200, designates a Model 43 Mag-Drive Pump.

43	S	6	P	E	E	N	2	0	0
1	2	3	4	5	6	7	8	9	10

Pos.	Description	Selection
1	Pump Model	43 43 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	Magnetic Coupling	N MCN
8	Outer Magnet Bore	2 .625" (56C motor)
9	Shafts	0 316 SS (uncoated)
10	Motor	0 None

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



Liquiflo 4-Series Gear Pumps

Selection & Availability



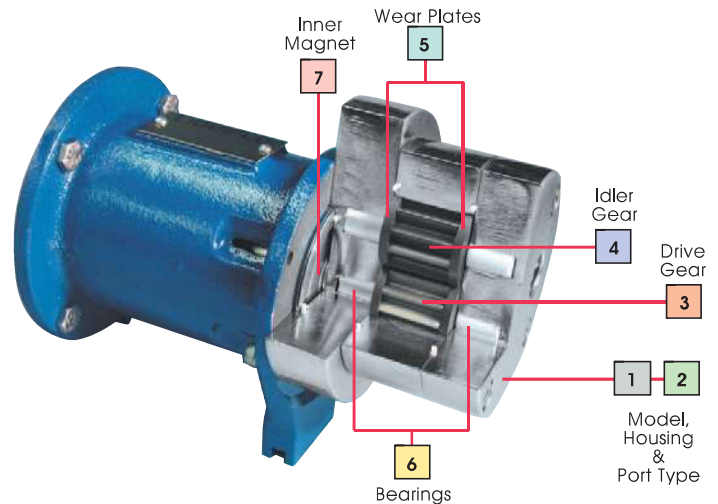
4-SERIES
EXTERNAL
GEAR PUMP

Sample Model No.	43	S	6	P	E	E	N	2	0	0
Position No.	1	2	3	4	5	6	7	8	9	10

Position	Model	41	43	44	45
Position 1	Pump Model				
Position 2	Basic Material & Port Type				
	S = 316 SS NPT	■	■	■	■
	X = 316 SS BSPT	■	■	■	■
	H = Alloy-C NPT	■	■	■	■
	Y = Alloy-C BSPT	■	■	■	■
	T = Titanium NPT	■	■	■	■
	Z = Titanium BSPT	■	■	■	■
Position 3	Drive Gear				
	1 = Alloy-C	■	■	■	■
	3 = Teflon	CF	■	■	■
	4 = Titanium	■	■	■	■
	6 = 316 SS	■	■	■	■
	P = PEEK	■	■	■	■
Position 4	Idler Gear				
	1 = Alloy-C	■	■	■	■
	3 = Teflon	CF	■	■	■
	4 = Titanium	■	■	■	■
	6 = 316 SS	■	■	■	■
	8 = Ryton	■	■	■	■
	P = PEEK	■	■	■	■
Position 5	Wear Plates				
	3 = Teflon	■	■	■	■
	4 = Silicon Carbide	■	■	■	■
	E = Carbon 60	■	■	■	■
	P = PEEK	■	■	■	■
Position 6	Bearings				
	3 = Teflon	■	■	■	■
	B = Silicon Carbide	■	■	■	■
	E = Carbon 60	■	■	■	■
	P = PEEK	■	■	■	■
Position 7	Magnetic Coupling				
	N = 20 in-lbs	■	■	■	■
	R = 30 in-lbs	■	■	■	■
Position 8	Outer Magnet Bore (Motor Frame)				
	0 = .500" (NEMA 48C)	■	■	■	■
	1 = 14 mm (IEC 71 - B14 Face)	■	■	■	■
	2 = .625" (NEMA 56C)	■	■	■	■
Position 9	Shafts				
	0 = Material Same as Housing (uncoated)*	■	■	■	■
	1 = Chrome Oxide Coated	■	■	■	■
	2 = Tungsten Carbide Coated	■	■	■	■
Position 10	Motor				
	0 = No Motor	■	■	■	■
	A = 0.25 Hp/1750 RPM - TEFC-AC	■	■	■	■
	B = 0.25 Hp/1150 RPM - TEFC-AC	■	■	■	■
	C = 0.25 Hp/1750 RPM - TENV-DC w/ SCR Control	■	■	■	■
Suffix	Trim Options				
	- 8 = Temperature Trim	■	■	■	■
	- 9D = Viscosity Trim (double clearance)	■	■	■	■
	- 9T = Viscosity Trim (triple clearance)	■	■	■	■

* Titanium pumps have TiO₂-Coated Shafts as standard

- 8 Outer Magnet Bore Size (not shown)
- 9 Shafts (not shown)
- 10 Motor (not shown)



4-Series Mag-Drive Gear Pump