

	Series	Magnet Torque	Material of Construction	Displacement mL/rev			Gear and Bearing Material			O-Ring	Port Size	Magnet	Bypass	Motor and Drive		Open	Operating Temperature	Open
	D	G	S	.	6	8	P	P	P	T	1	N	M	9	7	0	0	0
Positions	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

Pos. 1 - Pump Series

D = 1.67" Diameter Metal Pump

Pos. 2 - Magnet Torque

B = 30 oz/in

Not available for 1.2, 1.3, 1.6, 2.0 or 2.3 sizes.

G = 65 oz/in X = 240 oz/in

Pos. 3 - Wetted Material of Construction

S = 316 Stainless Steel

H = Hastelloy C276

T = Titanium

Pos. 4-6 - Pump Size; ml/rev.

.11 = nominal 06 GPH@3500 RPM
 .19 = nominal 10 GPH@3500 RPM
 .23 = nominal 12 GPH@3500 RPM
 .38 = nominal 20 GPH@3500 RPM
 .57 = nominal 30 GPH@3500 RPM
 .68 = nominal 36 GPH@3500 RPM
 .80 = nominal 42 GPH@3500 RPM
 .99 = nominal 52 GPH@3500 RPM
 1.2 = nominal 63 GPH@3500 RPM
 1.3 = nominal 68 GPH@3500 RPM
 1.6 = nominal 84 GPH@3500 RPM
 2.0 = nominal 105 GPH@3500 RPM
 2.3 = nominal 121 GPH@3500 RPM

Pos. 7 - 9 - Gear and Bearing Material

PPP = PPS (Polyphenylene Sulfide)

EEE = PEEK (Polyetheretherketone)

TTT = PTFE

Available in .23, .38, .57, .68, .80, 1.2 and 1.6 only

Requires PTFE O-rings and welded magnet

Max differential pressure is 100PSI

Pos. 10 - O-Ring

V = Viton

T = PTFE

B = Buna

E = EPR

N = Neoprene

Pos. 11 - Port Size

1 = 1/8" NPT.

Not available for .99, 1.2, 1.3, 1.6, 2.0 or 2.3 sizes.

Not available in Hastelloy or Titanium.

2 = 1/4" NPT

Pos. 12 - Magnet

N = PPS or PEEK Encapsulated

Material based on pos. 7-9

W = Welded

Required for PTFE gears, Hastelloy, Titanium pumps.

Welded not available in B size magnet.

Pos. 13 - Bypass

N = None

M = Medium (Standard) 60 PSI

L = Low Pressure 30 PSI

Low Pressure not available in .99 - 2.3 sizes

H = High Pressure 130 PSI

High Pressure not available in .99 - 2.3 sizes

Bypass is not available in Hastelloy or Titanium

Pos 14 - 15 - Motor and Drive

See Motor and Drive Price Sheets for options.

00 = Pump Only

Pos 16. - Open

0 = Open

Pos. 17 - Operating Temperatures

0	Ambient	
B	141 - 158 °F	61 - 70 °C
C	159 - 176 °F	71 - 80 °C
D	177 - 194 °F	81 - 90 °C
E	195 - 212 °F	91 - 100 °C
F	213 - 248 °F	101 - 120 °C
G	249 - 284 °F	121 - 140 °C
H	285 - 320 °F	141 - 160 °C
J	321 - 356 °F	161 - 180 °C

Approx. Gear & Bearing Max Temp. Limits

PTFE 140°F

PPS (Polyphenylene Sulfide) 250°F (121°C)

PEEK (Polyetheretherketone) 350°F (176°C)

Disclaimer: Temps > 140°F may reduce flow/pressure

Pos. 18 - Open

0 = Open

Service Pack Option

Add "SP" in front of the model number, followed by positions 1 through 10 and 16,17,18 of pump model. Note: SPDB, SPDG & SPDX default to SPDD. (Example- SPDD51.2PPPT000)

Service Pack Consists of

Gears, Bearings, O-Rings, Lubricant, and Instruction Sheet