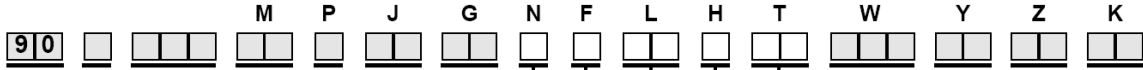




# Sauer Danfoss Variable Pump Model Code

LEGEND:	
●	= Standard
○	= Optional
-	= Not Available



### Frame Size

042	055	075	100	130	180	250
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### N: FILTRATION

- S = Suction Filtration
- R = Remote Pressure - w/o Filter
- P = Integral Pressure Filter - w/ Spin-on Filter (Short)
- L = Integral Pressure Filter - w/ Spin-on Filter (Long)
- T = Remote Pressure - w/o Filter
- D = Suction Filtration for No Charge Pump Option

### F: DISPLACEMENT LIMITATION

- 3 = No Displacement Limiters
- 4 = Displacement Limiters on Both Sides (Factory Set to Maximum Disp.)

### L: SHAFT CONFIGURATION

- C3 = 15 Teeth, 16/32 Pitch
- C5 = 19 Teeth, 16/32 Pitch
- C6 = 21 Teeth, 16/32 Pitch
- C7 = 23 Teeth, 16/32 Pitch
- C8 = 27 Teeth, 16/32 Pitch
- F1 = 13 Teeth, 8/16 Pitch
- K1 = 1.375 in. Str. Key
- K2 = 1.500 in. Str. Key
- K3 = 1.750 in. Str. Key
- S1 = 14 Teeth, 12/24 Pitch
- T1 = 1.375 in. Tapered
- T2 = 1.500 in. Tapered
- T3 = 1.000 in. Tapered
- T4 = 1.750 in. Tapered

### H: CHARGE PUMP DISPLACEMENT

- A = 8 cm<sup>3</sup> (0.50 cu. in./Rev.)
- B = 11 cm<sup>3</sup> (0.69 cu. in./Rev.)
- C = 14 cm<sup>3</sup> (0.86 cu. in./Rev.)
- D = 17 cm<sup>3</sup> (1.03 cu. in./Rev.)
- E = 20 cm<sup>3</sup> (1.20 cu. in./Rev.)
- F = 26 cm<sup>3</sup> (1.60 cu. in./Rev.)
- H = 34 cm<sup>3</sup> (2.07 cu. in./Rev.)
- J = 47 cm<sup>3</sup> (2.82 cu. in./Rev.)
- K = 65 cm<sup>3</sup> (3.90 cu. in./Rev.)
- L = External Charge Pump w/ Internal Relief Valve

### T: CONTROL FEED ORIFICE IN CONTROL INLET

- 00 = No Orifice
- 01 = ø 0.46 mm (.018 in. Dia.)
- 02 = ø 0.66 mm (.026 in. Dia.)
- 03 = ø 0.81 mm (.032 in. Dia.)
- 04 = ø 1.02 mm (.040 in. Dia.)
- 05 = ø 1.37 mm (.054 in. Dia.)
- 06 = ø 1.57 mm (.062 in. Dia.)
- 09 = ø 2.34 mm (.092 in. Dia.)

# Sauer Danfoss Variable Pump Model Code

**LEGEND:**  
 ● = Standard  
 ○ = Optional  
 - = Not Available

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042	055	075	100	130	180	250
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Frame Size

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**W: SPECIAL HARDWARE FEATURES**

- NNN = None
- GBA = Low Noise Valve Plate
- EBC = Speed Sensor (KPPE13408)

**Y/Z: HIGH PRESSURE SETTING, PORT "A" & "B"**

- 00 = No Pressure Regulating Valves
- 14 = 140 Bar (2030 psi)
- 17 = 170 Bar (2460 psi)
- 20 = 200 Bar (2900 psi)
- 23 = 230 Bar (3330 psi)
- 26 = 260 Bar (3770 psi)
- 29 = 290 Bar (4200 psi)
- 32 = 320 Bar (4640 psi)
- 35 = 350 Bar (5070 psi)
- 38 = 380 Bar (5510 psi)
- 42 = 420 Bar (6090 psi)

**K: CHARGE PRESSURE SETTING**

- 18 = 18 Bar (260 psi)
- 20 = 20 Bar (290 psi)
- 24 = 24 Bar (350 psi)
- 28 = 28 Bar (410 psi)