

# SFPT Series Truck Pumps



# SFPT20 Series Gear Pump & Motor

## Features

- Bi-rotational
- Pressures up to 3000 psi
- Speeds up to 2400 rpm
- Dual porting - side & rear, NPT or ORB
- Combination mounting flange - 2/4 Bolt, SAE "B"
- Options include: 7 Displacements, 2 Shaft options and 2 Porting types



## Model Code Breakdown

**SFPT20B 07 B ODT X**

**Series** ———— **Options**  
**SFPT20B** = 2/4 Bolt "B" mounting (Bi-rotational) **X** = none

**Displacement** ———— **Porting**  
 05 15  
 07 17  
 10 20  
 12  
 Porting Options NPT or ODT  
 SFPT20-05-NPT = 1/2" NPT Side Ported & 1" NPT Rear Ported  
 SFPT20-07-NPT = 3/4" NPT Side Ported & 1" NPT Rear Ported  
 SFPT20-10-NPT = 1" NPT Side Ported & 1" NPT Rear Ported  
 SFPT20-12-NPT = 1" NPT Side Ported & 1" NPT Rear Ported  
 SFPT20-15-NPT = 1-1/4" NPT Side Ported & 1" NPT Rear Ported  
 SFPT20-17-NPT = 1-1/4" NPT Side Ported & 1" NPT Rear Ported  
 SFPT20-20-NPT = 1-1/4" NPT Side Ported & 1" NPT Rear Ported  
 SFPT20-05-ODT = 5/8" ODT Side Ported & 1" ODT Rear Ported  
 SFPT20-07-ODT = 3/4" ODT Side Ported & 1" ODT Rear Ported  
 SFPT20-10-ODT = 1" ODT Side Ported & 1" ODT Rear Ported  
 SFPT20-12-ODT = 1" ODT Side Ported & 1" ODT Rear Ported  
 SFPT20-15-ODT = 1-1/4" ODT Side Ported & 1" ODT Rear Ported  
 SFPT20-17-ODT = 1-1/4" ODT Side Ported & 1" ODT Rear Ported  
 SFPT20-20-ODT = 1-1/4" ODT Side Ported & 1" ODT Rear Ported

**Shaft Type** ————  
**B** = 7/8" 13 tooth Splined  
**K** = 7/8" keyed

Average Pump Output in US GALLONS AT 2500 PSI							
SPEED RPM	GEAR WIDTH INCHES						
	(05) 1/2"	(07) 3/4"	(1) 1"	(12) 1 1/4"	(15) 1 1/5"	(17) 1 3/4"	(20) 2"
	0.99 CIR	1.48 CIR	1.97 CIR	2.46 CIR	2.96 CIR	3.45 CIR	3.94 CIR
1000	3.35 GPM	5 GPM	6.6 GPM	8.3 GPM	10.2 GPM	12.2 GPM	13.4 GPM
1200	4.52 GPM	6.7 GPM	9 GPM	11.5 GPM	14 GPM	16 GPM	18.5 GPM
1500	5.72 GPM	8.5 GPM	11.5 GPM	14.5 GPM	17.5 GPM	20.5 GPM	23.5 GPM
1800	7.02 GPM	10.4 GPM	14 GPM	18 GPM	21.5 GPM	25 GPM	29 GPM



# SFPT51 Series Gear Pump & Motor

## Features

- Bi-rotational
  - Pressures up to 3000 psi
  - Speeds up to 2400 rpm
  - Dual porting - side & rear, NPT or ORB
  - Combination mounting flange - 2/4 Bolt, SAE "B" & "C"
  - Hi-flow body design for increased flow and performance
- Options include: 4 Displacements, 3 Shaft options and 2 Porting types and an Adjustable Relief Valve - Integral



## Model Code Breakdown

**SFPT51B 20 B ODT X**

**Series**

SFPT51B = 2/4 Bolt "B" mounting (Bi-rotational)  
SFPT51C = 2/4 Bolt "C" mount S.E.C.

**Displacement**

17 - 4.46 CIR  
20 - 5.20 CIR  
22 - 5.73 CIR  
25 - 6.37 CIR

**Shaft Type**

B = 7/8" 13 tooth Splined  
D = 1" 15 tooth Splined  
C = 1-1/4" SAE keyed

**Options**

X = none  
RL = Counter-clockwise\*  
RR = Clockwise\*  
*\*Note: When a relief valve is required there is no rear porting available.*

**Porting**

Porting Options NPT or ODT  
SFPT-17-NPT = 1-1/4" NPT Side Porting & 1-1/2" NPT Rear Porting  
SFPT-20-NPT = 1-1/4" NPT Side Porting & 1-1/2" NPT Rear Porting  
SFPT-22-NPT = 1-1/2" NPT Side Porting & 1-1/2" NPT Rear Porting  
SFPT-25-NPT = 1-1/2" NPT Side Porting & 1-1/2" NPT Rear Porting  
SFPT-17-ODT = 1-1/4" ODT Side Porting & 1-1/2" ODT Rear Porting  
SFPT-20-ODT = 1-1/4" ODT Side Porting & 1-1/4" ODT Rear Porting  
SFPT-22-ODT = 1-1/2" ODT Side Porting & 1-1/4" ODT Rear Porting  
SFPT-25-ODT = 1-1/2" ODT Side Porting & 1-1/4" ODT Rear Porting

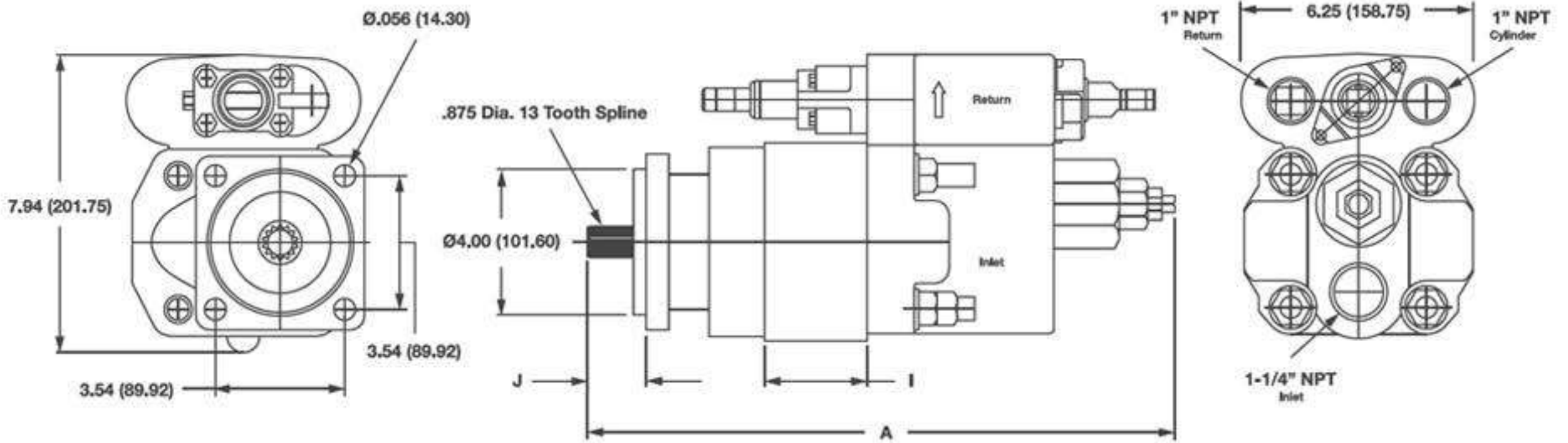
**Average Pump Output in US GALLONS AT 2500 PSI**

SPEED RPM	GEAR WIDTH INCHES			
	(17) 1 3/4"	(20) 2"	(22) 2 1/4"	(25) 2 1/2"
	4.46 CIR	5.20 CIR	5.73 CIR	6.37 CIR
1000	15.2 GPM	17.7 GPM	20.2 GPM	22.7 GPM
1200	21 GPM	24 GPM	27 GPM	30 GPM
1500	27 GPM	31 GPM	35 GPM	39 GPM
1800	32.5 GPM	37.5 GPM	42 GPM	47 GPM

# SFPD102D-2 Series Dump Pump

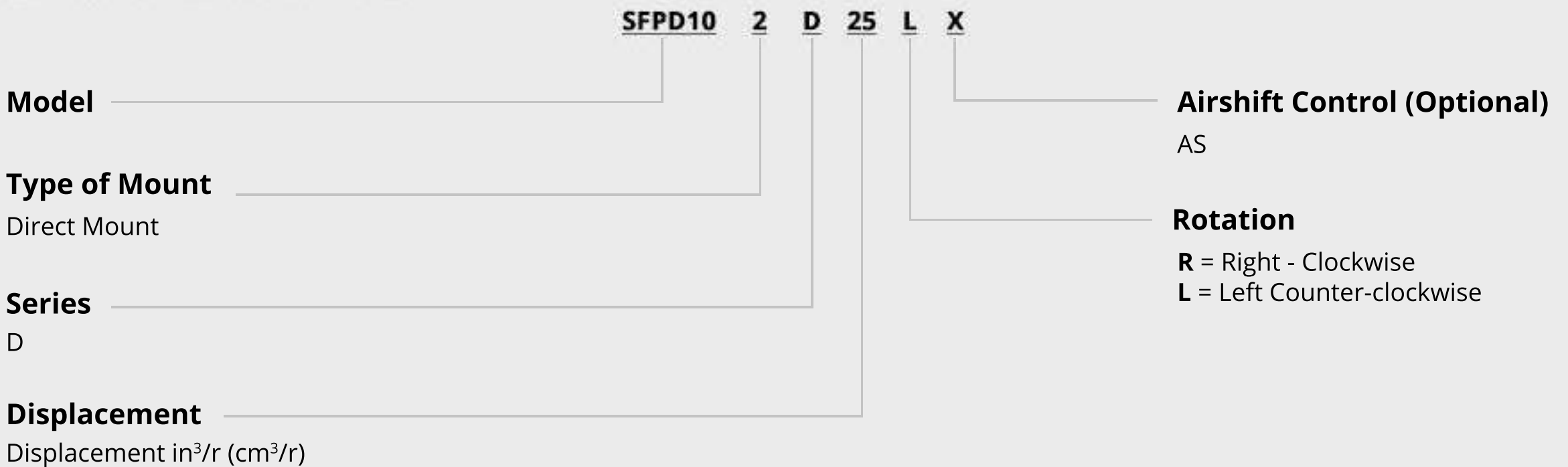
## Features

- Direct Mount
- Direct Acting Relief C/W Load Check
- Two or Three Line Hook-up
- Optional Airshift Control
- Factory set Relief Pressure at 2000 psi



Pump Series	A	B	C	D	E	F	G	H	I(25)	I(20)	I(1.5)	I(.75)	J
SFPD102D	13.62+GW	-	-	-	7.94	6.25	.875	-	3.25	2.75	-	-	1.62

## Model Code Breakdown



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