

# The N50 Series

High-Performance Gear Pumps Built to Outlast, Outperform, and Drop-In Without a Single Modification.

## ■ Downtime, backorders, or compatibility issues?

The N50 Series is your direct-fit answer. Designed to replace **Commercial®**, **Parker®**, **Permco®**, and **Muncie®** models with zero guesswork. Built to **run cleaner, longer, and stronger** with cast iron durability and modern engineering.

Whether you're maintaining mobile equipment or building new systems, N50 offers **plug-and-play confidence**, faster delivery, and expert support to keep your operations running without disruption.

Feature	What It Means	Why It Matters
Direct-Fit Replacement	Compatible with major brands	Simplifies purchasing and installs faster
Up to 3000 PSI	Handles high-pressure tasks	Reliable in demanding systems
Fast Lead Times	Stocked and ready to ship	Avoid downtime or backorders
Flexible Mount/Shaft Options	SAE A, B, C / Splined, Keyed	Use in any system, new or retrofit
Backed by Experts	Tech support + 1-year warranty	Trusted long after installation



N50 Single Unit - Compact and Tough



N50 Tandem Assembly - For Multi-Circuit Systems

## Built for Work. Proven in the Field.

- Truck & Trailers
- Mining
- Forestry
- Construction
- Agriculture
- Marine
- Material Handling
- Mobile

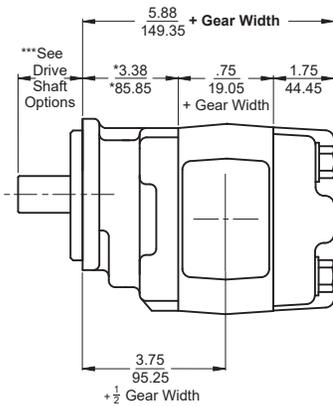
## Ready to Upgrade?

Contact us for a quote, drawings, or to request a sample unit.  
**No obligation.** Just performance you can count on.

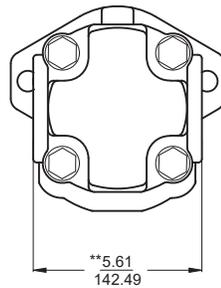
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## N50 Model Code Information

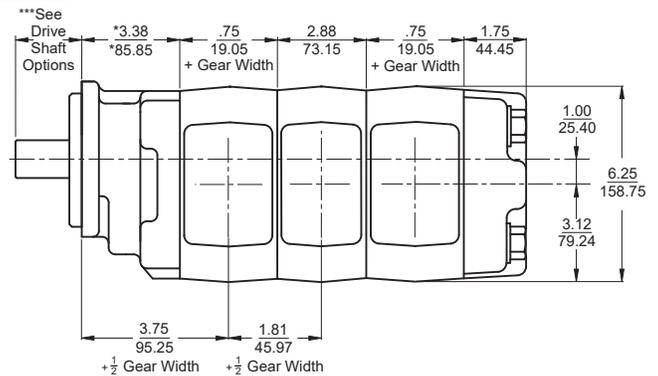
1		2		3		4		5			6		7		8		9	
PUMP/MOTOR	TYPE	MOUNT FLANGE		SHAFT TYPE		Displacement	in 3/rev [cm <sup>3</sup> /rev]	GPM @ 1800 RPM	Inlet Port		Outlet Port		Port Position [Inlet - Outlet]		Direction			
<b>P</b> PUMP	<b>A</b> SINGLE	<b>00</b>	Pad Mount	<b>07</b>	SAE-C Spline 1-1/4 14T Continental	<b>05</b>	1.28	9.98	<b>N1</b>	NPT	3/4"	<b>N1</b>	NPT	3/4"	<b>RR</b>	Rear-Rear	<b>R</b>	Clockwise
<b>M</b> MOTOR	<b>B</b> TANDEM	<b>42</b>	SAE B 4-Bolt	<b>11</b>	SAE-C Straight Keyed 1.25" 1-1/2 Key		[20.9]		<b>N2</b>	NPT	1"	<b>N2</b>	NPT	1"	<b>RS</b>	Rear-Side	<b>L</b>	Counter-Clockwise
	<b>C</b> CONTINENTAL	<b>78</b>	SAE C 4-Bolt	<b>25</b>	SAE-B Spline 7/8" 13T	<b>07</b>	1.91	14.89	<b>N3</b>	NPT	1-1/4"	<b>N3</b>	NPT	1-1/4"	<b>SS</b>	Side-Side	<b>B</b>	Bi-Directional
		<b>94</b>	SAE A 2-Bolt	<b>43</b>	SAE-BB KEYED 1.00"		[31.3]		<b>N4</b>	NPT	1-1/2"	<b>N4</b>	NPT	1-1/2"	<b>SR</b>	Side-Rear		
		<b>96</b>	SAE B 2-Bolt type 2	<b>65</b>	SAE-B 13 Tooth Spline 0.875" TYPE 2	<b>10</b>	2.55	19.86	<b>S1</b>	SAE/ORB	-12/0.75"	<b>S1</b>	SAE/ORB	-12/0.75"				
		<b>97</b>	SAE B 2-Bolt	<b>67</b>	SAE-BB KEYED 1.00" TYPE 2		[41.8]		<b>S2</b>	SAE/ORB	-16/1.00"	<b>S2</b>	SAE/ORB	-16/1.00"				
		<b>91</b>	31/51 Piggy Back Mount	<b>73</b>	SAE-C Straight Keyed 1.25" 2-1/4 Key	<b>12</b>	3.19	24.83	<b>S3</b>	SAE/ORB	-20/1.25"	<b>S3</b>	SAE/ORB	-20/1.25"				
		<b>92</b>	76/61 Piggy Back Mount	<b>98</b>	SAE BB 15 Tooth Spline 1.00"		[52.2]		<b>S4</b>	SAE/ORB	-24/1.50"	<b>S4</b>	SAE/ORB	-24/1.50"				
						<b>15</b>	3.83	29.8	<b>F1</b>	Code 61 SF	-12/0.75"	<b>F1</b>	Code 61 SF	-12/0.75"				
							[62.7]		<b>F2</b>	Code 61 SF	-16/1.00"	<b>F2</b>	Code 61 SF	-16/1.00"				
						<b>17</b>	4.46	34.74	<b>F3</b>	Code 61 SF	-20/1.25"	<b>F3</b>	Code 61 SF	-20/1.25"				
							[73.1]		<b>F4</b>	Code 61 SF	-24/1.50"	<b>F4</b>	Code 61 SF	-24/1.50"				
						<b>20</b>	5.1	39.74										
							[83.6]											
						<b>22</b>	5.74	44.71										
							[94]											
						<b>25</b>	6.38	49.64										
							[104.5]											



SINGLE UNIT



SINGLE UNIT



MULTIPLE UNIT

## High-Performance Gear Pumps Built to Outlast

### Direct-Fit Replacements

Drop-in alternatives for Commercial®, Parker®, Permco®, and Muncie®

### Faster Lead Times

Stocked units ship quickly, cutting downtime and eliminating backorder delays.

### Proven Durability

Backed by a 1-Year Manufacturer Warranty for peace of mind.

### Cost-Effective Performance

Save up to 45% compared to OEM distributors without compromising quality.

## Ready to Upgrade?

Contact us for a quote, drawings, or to request a sample unit.  
No obligation. Just performance you can count on.