

**Specifications
for TP25 Series**

Description Gear Pumps (Two-place)
Flow Range To 208 GPM Per Section (787.3 LTR)
Displacements To 19.22 C.I.R. each Section (319.96 cc's/rev.)
Maximum Pressure to 2500 PSI
Maximum Speed to 2500 RPM
Rotation A or C
Bearings Journal
Construction Aluminum
Cast Iron Available—Consult Factory



Performance Data Per Section

Pump Model	Section Size	Displacement/Revolution (Theoretical)					Maximum Pressure		Maximum Speed
		US Gallons	Cubic Inches	Liters	Cubic Centimeters	Imperial Gallons	PSI	BAR	RPM
TP25	550	.0479	11.06	.1812	181.241	.040	2500	172	2500
TP25	660	.0581	13.42	.2200	219.915	.048	2500*	172*	2500
TP25	770	.0671	15.50	.2540	254.400	.056	2500*	172*	2500
TP25	950	.0832	19.22	.3150	314.960	.069	2500*	172*	2500

Available with Viton® Seals. All data based on SAE 10W oil at 150°F.
Cast-iron not available on all models. Consult factory for availability.
*Consult factory for application approval.



CAUTION: “Inlet vacuum” should not exceed 5” Hg at normal operating speed and temperature.
Operation of pumps in excess of 5” Hg requires factory approval.

Dimensional Data

MOUNTING DIMENSIONS									
PUMP SIZE	For 'C' 2-Bolt & 'C' 4-Bolt Flg.			SAE 4-Bolt Conn. Port		Connector Hole Diameter			
				For Both Sections		Front		Rear	
	A	B	C	Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
TP25550 - 550 A & C	128.5 (5.06)	376.1 (14.81)	18.56 (471.4)	2-1/2"	1-1/2"	63.5 (2.50)	42.6 (1.68)	63.5 (2.50)	38.1 (1.50)
TP25660 - 550 A & C	137.9 (5.43)	482.0 (15.23)	18.98 (482.0)	2-1/2"	1-1/2"	63.5 (2.50)	42.6 (1.68)	63.5 (2.50)	38.1 (1.50)
TP25660 - 660 A & C	137.9 (5.43)	488.4 (15.48)	19.23 (488.4)	2-1/2"	1-1/2"	63.5 (2.50)	42.6 (1.68)	63.5 (2.50)	38.1 (1.50)
TP25770 - 550 A & C	147.5 (5.81)	491.3 (15.60)	19.35 (491.3)	2-1/2"	1-1/2"	63.5 (2.50)	42.6 (1.68)	63.5 (2.50)	38.1 (1.50)
TP25770 - 660 A & C	147.5 (5.81)	497.8 (15.85)	19.60 (497.8)	2-1/2"	1-1/2"	63.5 (2.50)	42.6 (1.68)	63.5 (2.50)	38.1 (1.50)
TP25770 - 770 A & C	147.5 (5.81)	504.1 (16.10)	19.85 (504.1)	2-1/2"	1-1/2"	63.5 (2.50)	42.6 (1.68)	63.5 (2.50)	38.1 (1.50)

MOUNTING DIMENSIONS											
PUMP SIZE	For 'C' 2-Bolt & 'C' 4-Bolt Flg.			SAE 4-Bolt Conn. Port				Connector Hole Diameter			
				Front Sect.		Rear Sect.		Front		Rear	
	A	B	C	Inlet	Outlet	Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
TP25950 - 550 A & C	165.6 (6.52)	413.2 (16.22)	508.5 (20.02)	3"	2"	2-1/2"	1-1/2"	63.5 (2.50)	42.6 (1.68)	63.5 (2.50)	38.1 (1.50)
TP25950 - 660 A & C	165.6 (6.52)	419.6 (16.52)	514.8 (20.27)	3"	2"	2-1/2"	1-1/2"	63.5 (2.50)	42.6 (1.68)	63.5 (2.50)	38.1 (1.50)
TP25950 - 770 A & C	165.6 (6.52)	425.9 (16.77)	521.2 (20.52)	3"	2"	2-1/2"	1-1/2"	63.5 (2.50)	42.6 (1.68)	63.5 (2.50)	38.1 (1.50)
TP25950 - 950 A & C	165.6 (6.52)	442.4 (17.42)	537.4 (21.16)	3"	2"	3"	2"	63.5 (2.50)	42.6 (1.68)	63.5 (2.50)	50.8 (2.00)

SAE 4-Bolt Connector Ports							
Size	D	E	F	G	H	J	
						'A' Rotation	'C' Rotation
1-1/2"	19.7 (.70)	35.7 (1.406)	34.7 (1.37)	69.8 (2.750)	1/2-13NC	38.1 (1.50)	25.4 (1.00)
2-1/2"	25.4 (1.00)	50.8 (2.000)	44.4 (1.75)	88.9 (3.500)	1/2-13NC	38.1 (1.50)	25.4 (1.00)
3"	30.9 (1.22)	61.9 (2.438)	59.6 (2.35)	119.3 (4.700)	5/8-11NC	38.1 (1.50)	25.4 (1.00)

SAE 4-Bolt NPT Connectors are available. See Accessory Section

Inch equivalents for millimeter dimensions are shown in (**).

