T67 Series High Performance Vane Pumps

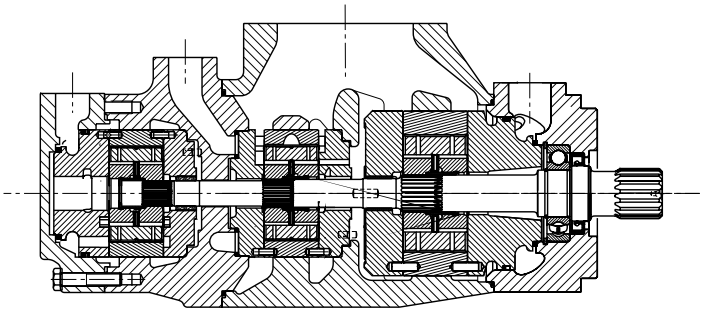
The high performance T Series fixed displacement vane pumps have been specially designed to provide high flows within a small envelope. The balanced design and double lip vane technology are key features in providing a contamination resistant and reliable pump. High pressure and speed capabilities, extremely low noise, and a cartridge designed to prime in cold weather conditions, make this fluid power source ideal for mobile applications.

Pump Performance Data

Triple Pump Model Series	Displacement in^3/rev (cc/rev)*	Max. Outlet Pressure** PSI (BAR)	Rated Drive Speed RPM	Flow @1800 RPM and 0 PSI* GPM (LPM)	Input Horsepower @ 1800 RPM and 2000 PSI* HP (KW)
T6DCCM	4.22 - 21.85 (69.1 - 358)	4000 (280)	2500	32.9 - 170.3 (124.5 - 644.7)	46.2 - 206.5 (34.5 - 154.0)
T6EDCM/S	11.63 - 29.60 (190.5 - 485)	4000 (280)	2200	90.7 - 230.7 (343.3 - 873.3)	116.2 - 277.6 (86.7 - 207.0)

* Available range based on various combinations of displacements.
** Lower for larger displacements. See catalog.

Markets	Applications
Industrial	Injection Molding
Construction	Wheel Loader, Fan Drives
Recycling	Shredders, Balers, Compactors, Vaccum Truck Systems, Refuse Trucks - ASL, Rear Loaders



Benefits/Features

- **Low noise**
- **SAE or ISO standards**
- **One-piece shaft (no internal torque limitations)**
- **One inlet**
- **128 porting orientations available**
- **Many displacement combinations per stage**
- **High power to weight ratio**
- **Wide range of options for shafts, threads and pilots**
- **Mobile cartridge design for cold start conditions**

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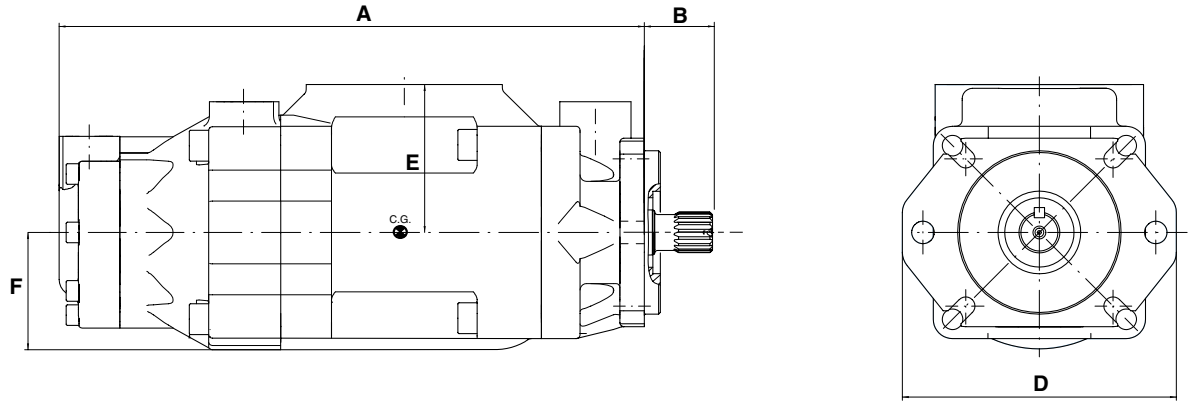
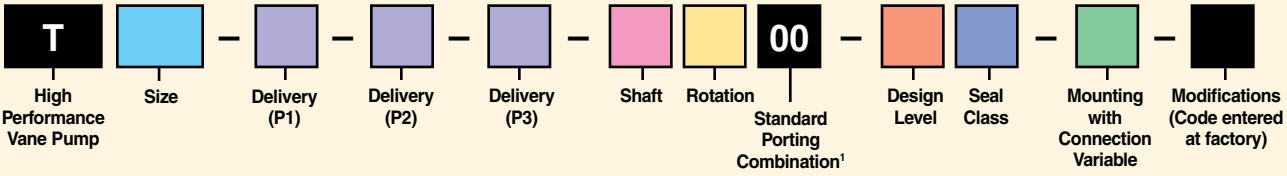


Dimensions, inch (mm)

Series	A	B max.	D	E	F	Weight, lb (kg)
T6DCC	15.90 (403.9)	3.53 (89.7)	8.36 (212.3)	5.00 (127.0)	3.35 (85.1)	134.5 (61.1)
T6EDC	18.42 (467.9)	3.94 (100.1)	10.75 (273.1)	—	—	220.4 (100.2)



Size Code
6DCCM
6EDCS
6EDCM

Note: T6EDCS (SAE pilot)
T6EDCM (ISO pilot)

Size	Delivery (See Table Below)		
	P1	P2	P3
6DCCM	Use Codes for 6D	Use Codes for 6C	Use Codes for 6C
6EDCS 6EDCM	Use Codes for 6E	Use Codes for 6D	Use Codes for 6C

Code	Shaft		
	6DCCM	6EDCM	6EDCS
1	Keyed (non SAE)	Keyed ISO G45N - 3019-2	
2	Keyed SAE CC		Keyed SAE D&E
3	Splined SAE C	Splined SAE D&E	Splined SAE D&E
4	Splined SAE CC		
6	Splined (non SAE)		

Code	Rotation*
R	CW
L	CCW

*As viewed from shaft end.

Code	Design Level
A	6EDC
B	6DCC

Code	Seal Class
1	S1 (Buna N)
4	S4 (EPDM)
5	S5 (fluorocarbon)

Code	Connection Variables
Code	6DCCM
M0	P3 = 1" Metric
M1	P3 = 3/4" Metric
00	P3 = 1" UNC
01	P3 = 3/4" UNC
Code	6EDC/S/M
F0*	P3 = 1" SAE
F1*	P3 = 3/4" SAE
P0**	P3 = 1" SAE
P1**	P3 = 3/4" SAE

* "F" is standard
** "P" 4 holes for external support

Delivery

6C Codes	Delivery* GPM (LPM)	6D Codes	Delivery * GPM (LPM)	6E Codes	Delivery* GPM (LPM)
B03	3.42 (12.9)	B14	15.09 (57.1)	042	41.94 (158.8)
B05	5.45 (20.6)	B17	18.45 (69.8)	045	46.15 (174.7)
B06	6.76 (25.6)	B20	20.93 (79.2)	050	50.25 (190.2)
B08	8.36 (31.6)	B24	25.20 (95.4)	052	52.25 (197.8)
B10	10.81 (40.9)	B28	28.44 (107.7)	062	62.36 (236.1)
B12	11.76 (44.5)	B31	31.16 (118.0)	066	67.62 (256.0)
B14	14.58 (55.2)	B35	35.19 (133.2)	072	72.00 (272.5)
B17	18.48 (70.0)	B38	38.14 (144.4)		
B20	20.23 (76.6)	B42	43.12 (163.2)		
B22	22.28 (48.3)	B45	46.19 (174.9)		
B25	25.14 (95.2)	B50	50.09 (189.6)		
B28	27.90 (105.6)				
B31	31.70 (120.0)				

* At 0 PSI (0 BAR) and 1200 RPM

[1]Many other combinations are available See catalog on CD.
= Not Available