

2. Vane Pumps

Versions		Series	Max. Pressure (PSI)			Max. Displacement (in ³ /rev)			Weight	Page
			P1	P2	P3	P1	P2	P3	lbs	
Medium Duty, Single		TB	2800			2.31			15	2 - 2
Industrial & Mobile	Single	T7B(S)	4600			3.05			51	2 - 8
		T6C	4100			6.10			35	
		T6D	3500			9.64			53	
		T6E	3500			16.41			95	
	Double	T7BB(S)	4600	4600		3.05	3.05		57	2 - 10
		T67CB	4100	4400		6.10	3.05			
		T6CC	4100	4100		6.10	6.10			
		T67DB	3500	4400		9.64	3.05			
		T6DC	3500	4100		9.64	6.10			
		T6DD(S)	3500	3500		9.64	9.64			
		T67EB	3500	4400		16.41	3.05			
		T6EC	3500	4100		16.41	6.10			
		T6ED	3500	3500		16.41	9.64			
	Triple	T67DBB	3500	4400	4400	9.64	3.05	3.05	135	2 - 14
		T67DCB	3500	4100	4400	9.64	6.10	3.05	135	
		T6DCC	3500	4100	4100	9.64	6.10	6.10	135	
		T67DDB(S)	3500	3500	4400	9.64	9.64	3.05	146	
		T6DDC(S)	3500	3500	4100	9.64	9.64	6.10	146	
		T67EDB(S)	3500	3500	4400	16.41	9.64	3.05	221	
		T6EDC(S)	3500	3500	4100	16.41	9.64	6.10	221	
	Single Rear Drive	T6CR	4100			6.10			38	2 - 18
		T6DR	3500			9.64			64	
		T6ER	3500			16.41			86	
	Double rear drive	T6EE(S)	3500	3500		16.41	16.41		209	2 - 20
	Triple rear drive	T6DCCR	3500	4100	4100	9.64	6.10	6.10	137	2 - 22
		T6EDCR	3500	3500	4100	16.41	9.64	6.10	221	
Hybrid	Double	T6H20B	4100	4400		2.61	3.05		82	2 - 24
		T6H20C	4100	4100		2.61	6.10		82	
		T6H29B	3000	4400		3.78	3.05		108	
		T6H29C	3000	4100		3.78	6.10		108	
		T6H29D	3000	4100		3.78	9.64		132	
Rear Drive Selection Table										2 - 29
Porting Tables										2 - 30



TB Series - Single Pumps

0.54 - 2.42 in³/rev. - 2800 PSI

Key sheet

Example : TB-011-1R00-A100

1. **TB-011-1R00-A100**..... Series

2. **TB-011-1R00-A100**..... Cam size

Size..... in ³ /rev	Size..... in ³ /rev	Size..... in ³ /rev
003 0.54	006 1.26	011 2.81
004 0.78	008 1.59	012 3.56
005 0.98	009 1.92	

3. **TB-011-1R00-A100**..... Shaft

4. **TB-011-1R00-A100**..... Rotation

CW / CCW	R / L
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5. **TB-011-1R00-A100**..... Porting

P & S : same side / opposite	01 / 00
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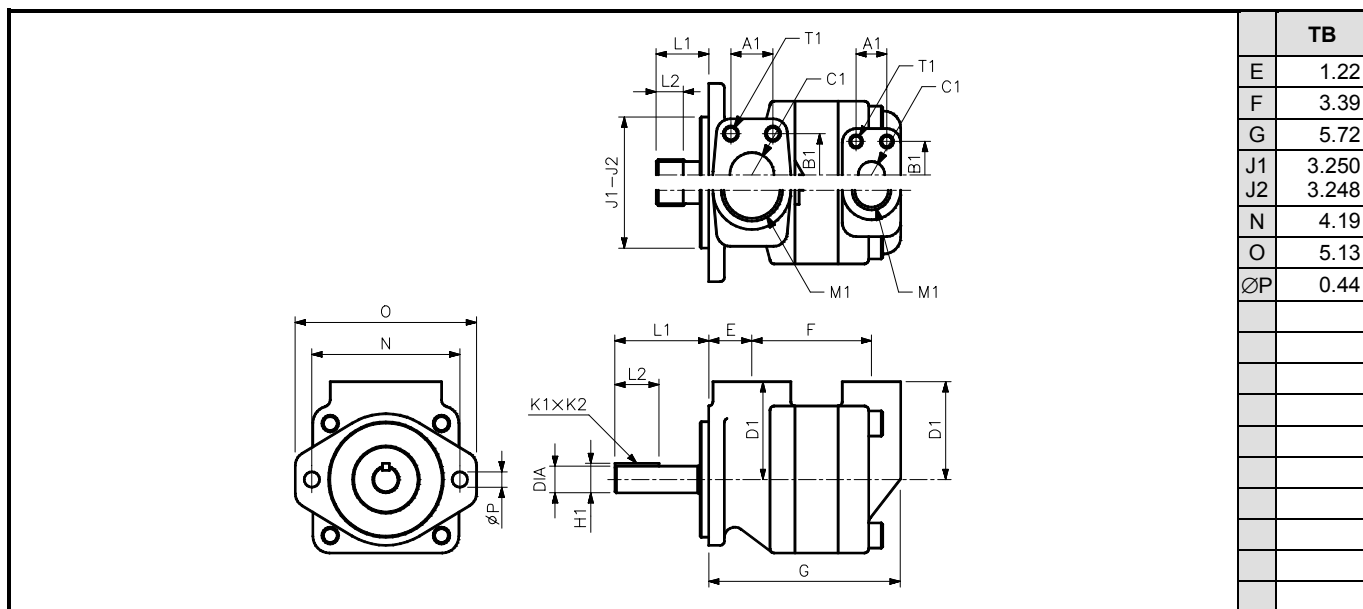
6. **TB-011-1R00-A100**..... Design

7. **TB-011-1R00-A100**..... Seal Class

Buna N : mineral oil	1
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8. **TB-011-1R00-A100**..... Port Connections

Pressure port P	Threaded	SAE, 4 bolts
Suction port S	SAE-12	3/4" NPTF
Threaded	SAE-20	00
	1" 1/4 NPTF	03
SAE, 4 bolts	1" 1/4	0X
		01



Shafts		Torque Limits (in-lbs.)	Dimensions (in)				
		TB	L1	L2	DIA	K1 x K2	H1
1	Key : Non SAE	●	2.66	1.25	0.750 - 0.749	0.188x0.186	0.83
3	Spline : Non SAE	●	1.50	0.75	Class 1-J498b, 16/32 d.p. - 11 teeth		
4	Spline : SAE A	●	1.23	0.59	Class 1-J498b, 16/32 d.p. - 9 teeth		

Ports Options			Dimensions (in)				
			A1	B1	C1	D1	Threads T1
00	P	Threaded, SAE	SAE - 12 (1" 1/16 - 12UNF)			2.75	-
	S	Threaded, SAE	SAE - 20 (1" 9/16 - 12Unf)			2.75	-
01	P	SAE - 1 1/4"	0.87	1.87	Ø 0.75	2.75	3/8" -16UNC x 0.87
	S	SAE - 3/4"	1.19	2.31	Ø 1.25	2.75	7/16" -14UNC x 0.87
03	P	Threaded, SAE	M1 = SAE - 12 (1" 1/16 - 12UNF)			2.75	-
	S	Threaded, NPTF	M1 = NPTF - 1" 1/4			2.75	-
0X	P	Threaded, NPTF	M1 = NPTF - 3/4"			2.75	-
	S	Threaded, NPTF	M1 = NPTF - 1" 1/4			2.75	-