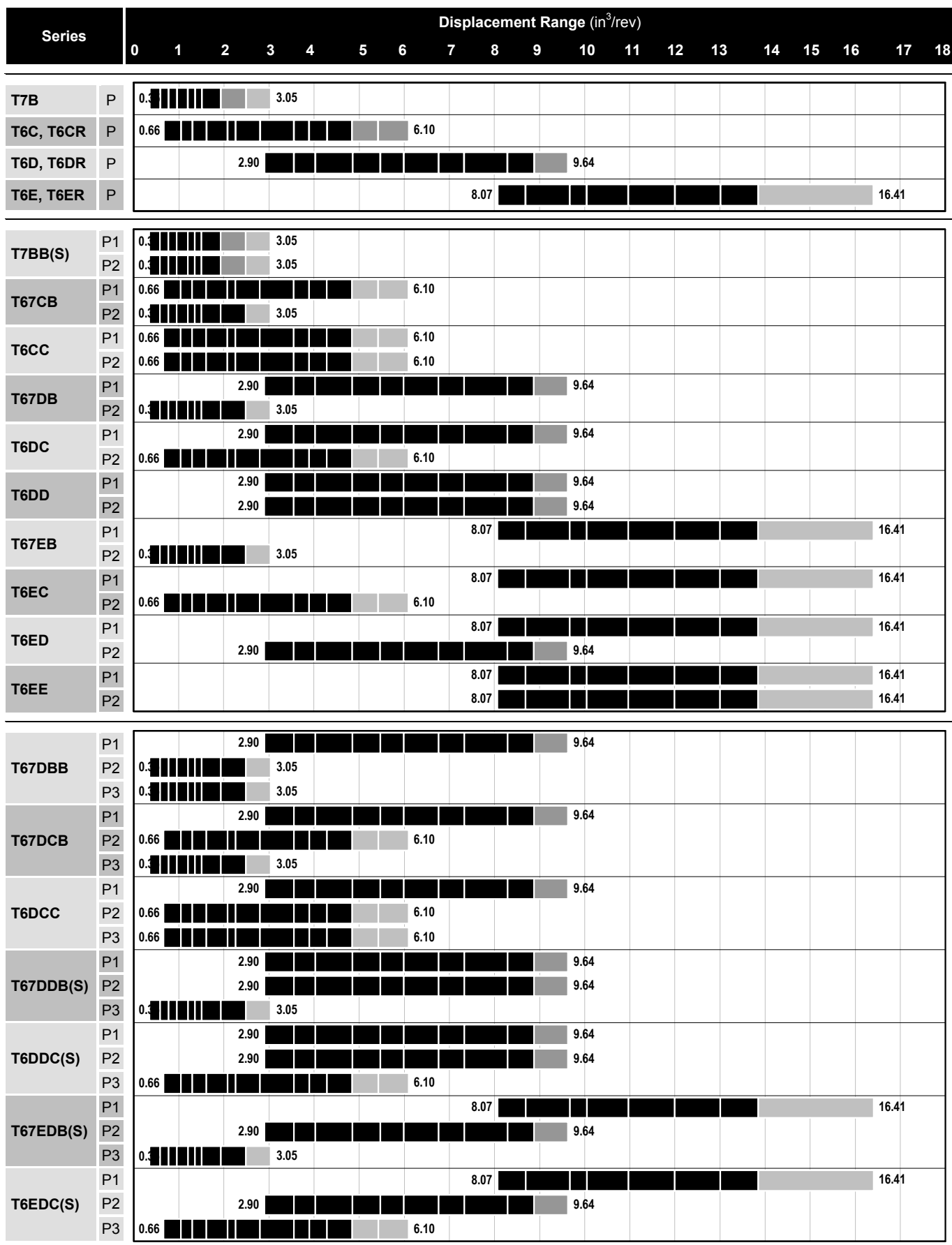


2. Vane Pumps

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

Vane Pumps - Product Range Overview



Vane Pumps - Performance & Operation Limits, Mineral Oil

Cam	Size	in ³ / rev	Mineral Oil Antiwear petroleum base (HF-0, HF-2)										Size	
			Speed Range ¹	Maximum Outlet Pressure		Minimum inlet pressure (vs. rpm)								
				Int.	Cont.	1200	1500	1800	2100	2200	2300	2500		2800
				rpm	PSI	PSI	PSI (absolute)							
B	B02	0.35	600...3600	4600	4200	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	B02
	B03	0.60												B03
	B04	0.78												B04
	B05	0.97												B05
	B06	1.21												B06
	B07	1.37												B07
	B08	1.52												B08
	B10	1.94												B10
	B12	2.50												B12
B15	3.05	600...3000	4400	4000									B15	
		4100	3500							12.2	14.5			
C	003	0.66	600...2800	4100	3500	11.6	11.6	11.6	11.6	11.6	11.6	13.1	14.5	003
	005	1.05												005
	006	1.30												006
	008	1.61												008
	010	2.08												010
	012	2.26												012
	014	2.81												014
	017	3.56												017
	020	3.89												020
	022	4.29												022
	025	4.84												025
	028	5.42												028
	031	6.10												031
														600...2500
D	014	2.90	600...2500	3500	3000	11.6	11.6	11.6	11.6	12.8	13.8	14.5	-	014
	017	3.55												017
	020	4.03												020
	024	4.85												024
	028	5.47												028
	031	6.00												031
	035	6.77												035
	038	7.34												038
	042	8.30												042
	045	8.89												045
	050	9.64												050
														600...2200
E	042	8.07	600...2200	3500	3000	11.6	11.6	11.6	13.1	14.5	-	-	-	042
	045	8.69												045
	050	9.67												050
	052	10.06												052
	057	10.97												057
	062	12.00												062
	066	13.02												066
	072	13.86												072
	085	16.41												085
														600...1800

¹ For speed below 600 RPM, consult Denison Hydraulics.

Cam	Size	In ³ / rev	Fire Resistant Fluids Water-glycol (HF-4), Synthetic fluids (HF-5)						Size	
			Speed Range	Maximum Outlet Pressure		Minimum inlet pressure (vs. rpm)				
				Int.	Cont.	1200	1500	1800		
			rpm	PSI	PSI	PSI (absolute)				
B	B02	0.35	600...1800	3500	3000	14.5	14.5	14.5	B02	
	B03	0.60							B03	
	B04	0.78							B04	
	B05	0.97							B05	
	B06	1.21							B06	
	B07	1.37							B07	
	B08	1.52							B08	
	B10	1.94							B10	
	B12	2.50							B12	
	B15	3.05							B15	
C	003	0.66	600...1800	3000	2500	14.5	14.5	14.5	003	
	005	1.05							005	
	006	1.30							006	
	008	1.61							008	
	010	2.08							010	
	012	2.26							012	
	014	2.81							014	
	017	3.56							017	
	020	3.89							020	
	022	4.29							022	
	025	4.84							025	
	028	5.42							2300	028
	031	6.10			031					
D	014	2.90	600...1800	3000	2500	14.5	14.5	14.5	014	
	017	3.55							017	
	020	4.03							020	
	024	4.85							024	
	028	5.47							028	
	031	6.00							031	
	035	6.77							035	
	038	7.34							038	
	042	8.30							16.0	042
	045	8.89								045
	050	9.64								2300
	E	042			8.07			600...1800	3000	2500
045		8.69	045							
050		9.67	050							
052		10.06	052							
057		10.97	057							
062		12.00	16.0	062						
066		13.02	16.0	16.0	17.4	066				
072		13.86				072				
085		16.41	1700	1200	18.1	18.1	18.1		085	

Vane Pumps - Output Flow & Input Power

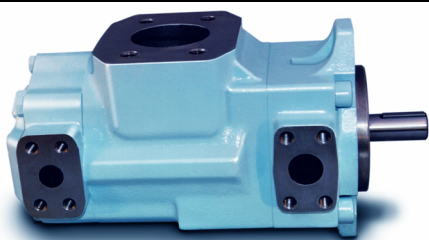
Input Speed : 1200 rpm (Mineral oil, HF-0 / HF-2, 24 cSt)

CAM	SIZE	In ³ / rev	Output Flow (GPM)							Input Power (HP)							SIZE
			0 PSI	1000 PSI	2000 PSI	3000 PSI	3500 PSI	4100 PSI	4600 PSI	0 PSI	1000 PSI	2000 PSI	3000 PSI	3500 PSI	4100 PSI	4600 PSI	
B	B02	0.35	1.9	1.6	1.4	1.2	1.1			0.5	1.7	3.0	4.3	4.8			B02
	B03	0.60	3.1	2.9	2.7	2.5	2.3	2.2	2.1	0.5	2.4	4.4	6.6	7.4	8.6	9.8	B03
	B04	0.78	4.1	3.8	3.7	3.4	3.3	3.1	3.0	0.7	3.0	5.6	8.2	9.3	10.9	12.3	B04
	B05	0.97	5.1	4.8	4.6	4.4	4.3	4.1	4.0	0.7	3.6	6.7	9.9	11.3	13.1	15.0	B05
	B06	1.21	6.3	6.1	5.9	5.6	5.5	5.4	5.2	0.8	4.3	8.2	12.2	13.8	16.1	18.4	B06
	B07	1.37	7.1	6.9	6.7	6.5	6.3	6.2	6.1	0.5	4.6	8.9	13.3	15.3	17.8	20.4	B07
	B08	1.52	7.9	7.7	7.5	7.2	7.1	7.0	6.8	0.8	5.2	10.2	15.0	17.2	19.9	22.7	B08
	B10	1.94	10.1	9.9	9.7	9.4	9.3	9.2	9.0	0.9	6.6	12.7	18.9	21.6	25.1	28.7	B10
	B12	2.50	13.0	12.8	12.6	12.3	12.2	12.1		1.2	8.3	16.2	24.1	27.5	32.1		B12
	B15	3.05	15.9	15.6	15.4	15.2	15.1	14.9		1.3	9.9	19.6	29.1	33.3	38.8		B15
C	003	0.66	3.4	2.8	2.1					1.5	3.5	5.9					003
	005	1.05	5.4	4.8	4.1	3.5	3.3	3.0		1.5	4.7	8.3	11.8	13.4	15.4		005
	006	1.30	6.8	6.1	5.4	4.8	4.7	4.4		1.6	5.5	9.8	14.1	16.0	18.5		006
	008	1.61	8.4	7.7	7.1	6.4	6.3	6.0		1.7	6.4	11.7	17.0	19.3	22.3		008
	010	2.08	10.8	10.2	9.5	8.8	8.7	8.4		1.9	7.9	14.6	21.3	24.3	28.0		010
	012	2.26	11.8	11.1	10.4	9.8	9.6	9.4		1.9	8.5	15.7	23.1	26.2	30.3		012
	014	2.81	14.6	13.9	13.3	12.6	12.5	12.2		2.0	10.2	19.0	28.0	31.9	37.0		014
	017	3.56	18.5	17.8	17.2	16.5	16.4	16.1		2.3	12.5	23.7	35.0	39.8	46.3		017
	020	3.89	20.2	19.6	18.9	18.3	18.1	17.8		2.4	13.4	25.8	38.1	43.3	50.4		020
	022	4.29	22.3	21.6	21.0	20.3	20.2	19.9		2.6	14.8	28.2	41.7	47.6	55.3		022
	025	4.84	25.2	24.5	23.8	23.2	23.0	22.8		2.7	16.4	31.7	46.8	53.4	62.1		025
	028	5.42	28.2	27.5	26.8	26.2				2.8	18.1	35.1	52.2				028
D	031	6.10	31.7	31.0	30.4	29.7				3.1	20.3	39.4	58.5				031
	014	2.90	15.1	14.0	12.7	11.7	11.1			2.4	10.7	20.0	29.2	33.3			014
	017	3.55	18.4	17.4	16.1	15.0	14.5			2.6	12.7	24.0	35.3	40.1			017
	020	4.03	20.9	19.9	18.6	17.5	17.0			2.8	14.2	27.0	39.7	45.1			020
	024	4.85	25.2	24.2	22.8	21.8	21.2			3.0	16.8	32.1	47.2	53.8			024
	028	5.47	28.4	27.4	26.1	25.0	24.5			3.2	18.6	35.8	53.0	60.4			028
	031	6.00	31.2	30.1	28.8	27.7	27.2			3.4	20.3	39.0	57.8	65.8			031
	035	6.77	35.2	34.1	32.8	31.8	31.2			3.6	22.7	43.9	65.0	74.0			035
	038	7.34	38.2	37.1	35.8	34.7	34.2			3.8	24.4	47.3	70.3	80.1			038
	042	8.30	43.1	42.1	40.7	39.7	39.2			4.0	27.4	53.2	79.1	90.1			042
	045	8.89	46.2	45.1	43.8	42.8	42.2			4.3	29.1	56.9	84.5	96.4			045
	050	9.64	50.1	49.0	47.7	46.7				4.4	31.5	61.4	91.5				050
E	042	8.07	42.0	40.6	39.3	38.0	37.5			5.4	27.9	53.0	78.2	88.9			042
	045	8.69	45.2	43.8	42.5	41.2	40.7			5.5	29.8	56.9	83.8	95.5			045
	050	9.67	50.3	48.9	47.6	46.3	45.8			5.8	32.9	62.9	92.9	105.8			050
	052	10.06	52.3	50.9	49.6	48.3	47.8			5.9	34.1	65.2	96.4	109.8			052
	057	10.97	57.0	55.7	54.4	53.1	52.5			6.2	36.9	70.8	104.9	119.5			057
	062	12.00	62.4	61.0	59.7	58.4	57.9			6.6	40.0	77.2	114.4	130.4			062
	066	13.02	67.6	66.3	65.0	63.7	63.1			6.8	43.2	83.4	123.8	141.1			066
	072	13.86	72.0	70.7	69.4	68.0	67.5			7.1	45.7	88.6	131.6	149.9			072
	085	16.41	85.3	84.0						7.9	53.6						085

Vane Pumps - Output Flow & Input Power

Input Speed : 1800 rpm (Mineral oil, HF-0 / HF-2, 24 cSt)

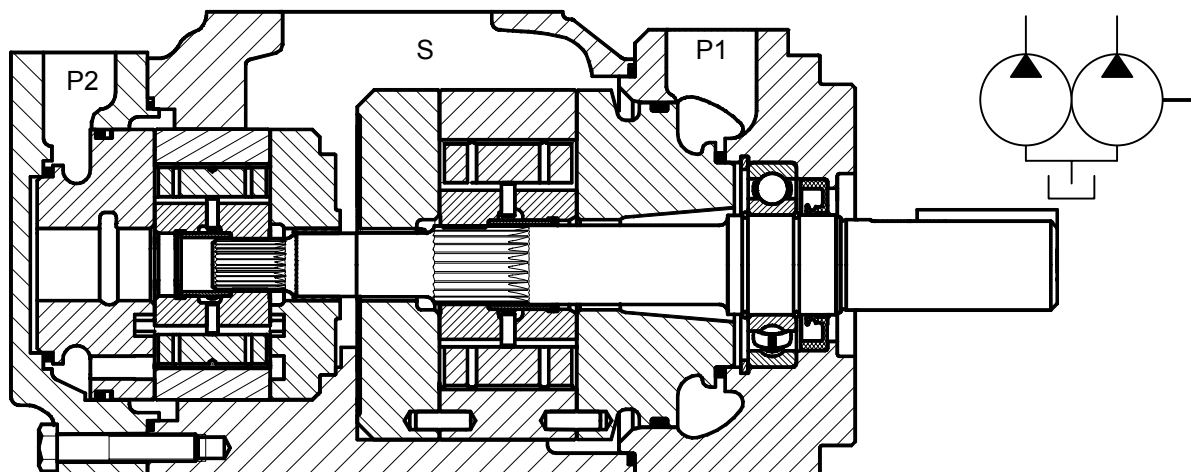
CAM	SIZE	In ³ / rev	Output Flow (GPM)							Input Power (HP)							SIZE
			0 PSI	1000 PSI	2000 PSI	3000 PSI	3500 PSI	4100 PSI	4600 PSI	0 PSI	1000 PSI	2000 PSI	3000 PSI	3500 PSI	4100 PSI	4600 PSI	
B	B02	0.35	2.8	2.5	2.3	2.1	2.0	1.8	1.7	0.9	2.7	4.6	6.7	7.5	8.6	9.7	B02
	B03	0.60	4.7	4.4	4.2	4.0	3.9	3.7	3.6	1.1	3.8	6.8	10.1	11.4	13.0	14.8	B03
	B04	0.78	6.1	5.8	5.7	5.4	5.3	5.2	5.0	1.2	4.6	8.6	12.6	14.2	16.5	18.6	B04
	B05	0.97	7.6	7.3	7.1	6.9	6.8	6.6	6.5	1.2	5.5	10.3	15.2	17.2	20.0	22.7	B05
	B06	1.21	9.4	9.2	9.0	8.8	8.6	8.5	8.4	1.3	6.6	12.5	18.5	21.1	24.3	27.6	B06
	B07	1.37	10.7	10.5	10.3	10.0	9.9	9.8	9.6	0.8	6.6	13.1	19.6	22.5	27.4	30.0	B07
	B08	1.52	11.8	11.6	11.4	11.2	11.0	10.9	10.8	1.5	8.1	15.4	22.8	25.9	30.0	34.2	B08
	B10	1.94	15.1	14.9	14.7	14.5	14.3	14.2	14.1	1.7	9.9	19.3	28.6	32.6	37.8	43.1	B10
	B12	2.50	19.5	19.3	19.1	18.8	18.7	18.6		2.0	12.6	24.4	36.3	41.4	48.1		B12
	B15	3.05	23.8	23.5	23.4	23.1	23.0	22.9		2.3	15.2	29.5	44.0	50.2	58.3		B15
C	003	0.66	5.1	4.5	3.8	3.1	3.0	2.7		2.3	5.4	8.6	11.9	13.4	15.4		003
	005	1.05	8.2	7.5	6.9	6.2	6.1	5.8		2.6	7.1	12.2	17.4	19.6	22.5		005
	006	1.30	10.1	9.5	8.8	8.1	8.0	7.7		2.6	8.3	14.5	20.9	23.6	27.2		006
	008	1.61	12.6	11.9	11.2	10.6	10.4	10.2		2.8	9.7	17.4	25.2	28.6	33.0		008
	010	2.08	16.2	15.6	14.9	14.2	14.1	13.8		3.0	11.9	21.7	31.7	35.9	41.6		010
	012	2.26	17.7	17.0	16.3	15.7	15.5	15.2		3.1	12.7	23.5	34.2	38.9	45.1		012
	014	2.81	21.9	21.2	20.6	19.9	19.8	19.5		3.4	15.3	28.4	41.7	47.5	55.0		014
	017	3.56	27.7	27.1	26.4	25.7	25.6	25.3		3.6	18.6	35.4	52.2	59.3	68.9		017
	020	3.89	30.3	29.7	29.0	28.4	28.2	27.9		3.8	20.3	38.5	56.7	64.6	75.1		020
	022	4.29	33.4	32.8	32.1	31.4	31.3	31.0		4.0	22.1	42.1	62.2	70.9	82.5		022
	025	4.84	37.7	37.0	36.4	35.7	35.6	35.3		4.3	24.7	47.2	69.9	79.5	92.5		025
	028	5.42	42.2	41.6	40.9	40.2				4.6	27.2	52.6	77.9				028
	031	6.10	47.6	46.9	46.2	45.6				4.8	30.4	58.9	87.3				031
D	014	2.90	22.6	21.6	20.3	19.2	18.7			3.9	16.2	29.9	43.6	49.5			014
	017	3.55	27.7	26.6	25.3	24.3	23.7			4.2	19.3	35.9	52.6	59.7			017
	020	4.03	31.4	30.3	29.0	28.0	27.4			4.4	21.5	40.4	59.1	67.2			020
	024	4.85	37.8	36.8	35.4	34.4	33.8			4.8	25.2	47.9	70.5	80.3			024
	028	5.47	42.7	41.6	40.3	39.2	38.7			5.1	28.2	53.6	79.1	90.1			028
	031	6.00	46.7	45.7	44.4	43.3	42.8			5.4	30.6	58.5	86.5	98.4			031
	035	6.77	52.8	51.7	50.4	49.4	48.8			5.6	34.1	65.7	97.2	110.6			035
	038	7.34	57.2	56.1	54.8	53.8	53.2			5.9	36.7	70.9	105.0	119.6			038
	042	8.30	64.7	63.6	62.3	61.2	60.7			6.4	41.2	79.8	118.3	134.8			042
	045	8.89	69.3	68.2	66.9	65.9	65.3			6.7	43.9	85.2	126.5	144.2			045
	050	9.64	75.1	74.1	72.8	71.7				7.0	47.3	92.1	136.9				050
E	042	8.07	62.9	61.6	60.3	58.9	58.4			8.6	42.2	79.7	117.1	133.3			042
	045	8.69	67.7	66.4	65.1	63.8	63.2			8.9	45.1	85.4	125.7	143.0			045
	050	9.67	75.4	74.1	72.7	71.4	70.9			9.3	49.6	94.4	139.3	158.5			050
	052	10.06	78.4	77.0	75.7	74.4	73.9			9.5	51.4	98.0	144.6	164.7			052
	057	10.97	85.5	84.2	82.9	81.5	81.0			9.9	55.7	106.5	157.3	179.2			057
	062	12.00	93.6	92.2	90.9	89.6	89.1			10.3	60.4	116.0	171.5	195.4			062
	066	13.02	101.4	100.1	98.8	97.5	96.9			10.9	65.0	125.3	185.6	211.5			066
	072	13.86	108.0	106.7	105.4	104.0	103.5			11.3	68.9	133.0	197.3	224.8			072
	085	16.41	127.9	126.6						12.3	80.7						085



(T6CC)

Double Pumps

T7BB(S), T67CB, T6CC Series
T67DB, T6DC, T6DD(S) Series
T67EB, T6EC, T6ED, T6EE(S) Series



Key sheet Examples : T6CC-025-020-1R00-C100 - T6DC-045-014-2R00-C1

1. T6CC-025-020-1R00-C100 Series

SAE Mounting	T7BBS	T67CB T67CBW ¹	T6CC T6CCW ¹	
	T67DB T67DBW ²	T6DC T6DCW ²	T6DDS	
	T67EB	T6EC	T6ED	T6EE ³
Metric Mounting	T7BB	T6EE ³		

¹ T67CBW, T6CCW : heavy duty shaft #2

² T67DBW, T6DCW : heavy duty shaft #5

³ T6EE / T6EES : see "Double Rear Drive" section (p. 2-20)

2. T6CC-025-020-1R00-C100 Cam size

B	C	D	E
B02 0.35	003 0.66	014 2.90	042 8.07
B03 0.60	005 1.05	017 3.55	045 8.69
B04 0.78	006 1.30	020 4.03	050 9.67
B05 0.97	008 1.61	024 4.85	052 10.06
B06 1.21	010 2.08	028 5.47	057 10.97
B07 1.37	012 2.26	031 6.00	062 12.00
B08 1.52	014 2.81	035 6.77	066 13.02
B10 1.94	017 3.56	038 7.34	072 13.86
B12 2.50	020 3.89	042 8.30	085 16.41
B15 3.05	022 4.29	045 8.89	
	025 4.84	050 9.64	
	028 5.42		
	031 6.10		

3. T6CC-025-020-1R00-C100 Shaft

4. T6CC-025-020-1R00-C100 Rotation

CW	R
CCW	L

5. T6CC-025-020-1R00-C100 Porting

6. T6CC-025-020-1R00-C100 Design

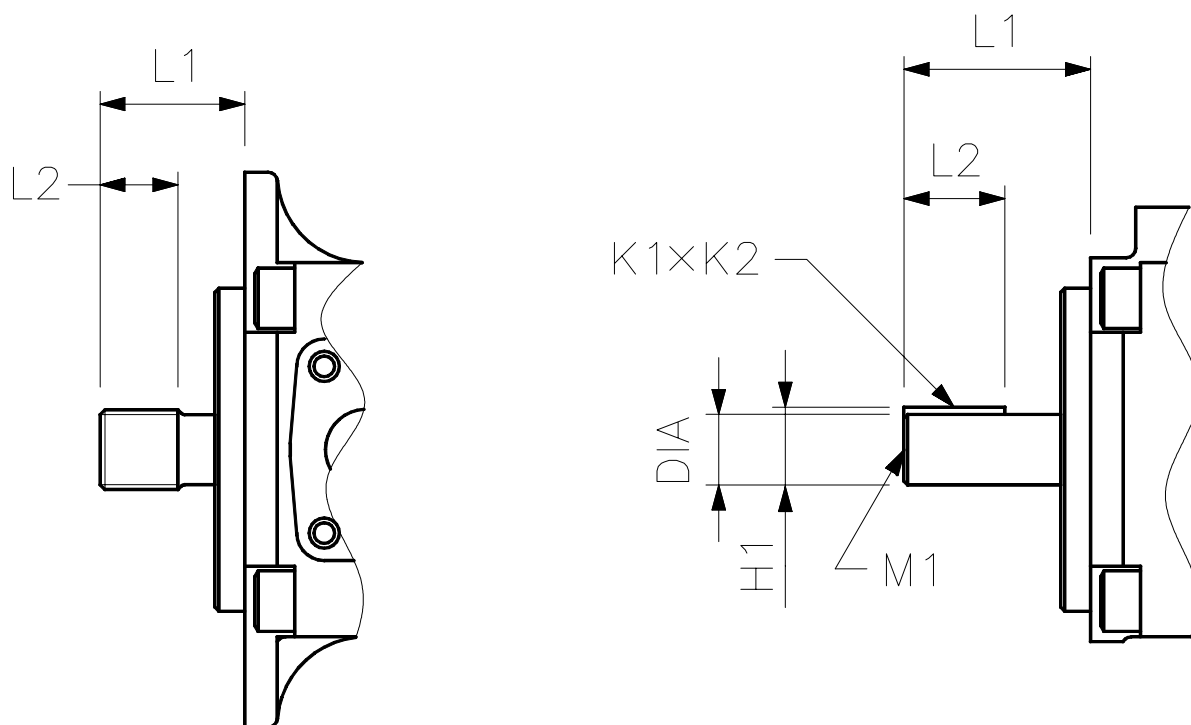
7. T6CC-025-020-1R00-C100 Seal Class

Buna N : mineral oil	1
Viton : mineral oil & fire resistant fluid	5

8. T6CC-025-020-1R00-C100 Connections

P1 & P2 threads	Metric			UNC		
P2 size	3/4"	1"	1 1/4"	3/4"	1"	1 1/4"
T7BB	M1	M0		-	-	
T7BBS	M1	M0		01	00	
T6CC	-	-		01	00	
T67CB, T67DB, T67EB	M1	-		01	-	
T6DDS	-	-	M0	-	-	00
T6DC, T6EC, T6ED, T6EE, T6EES	No option					

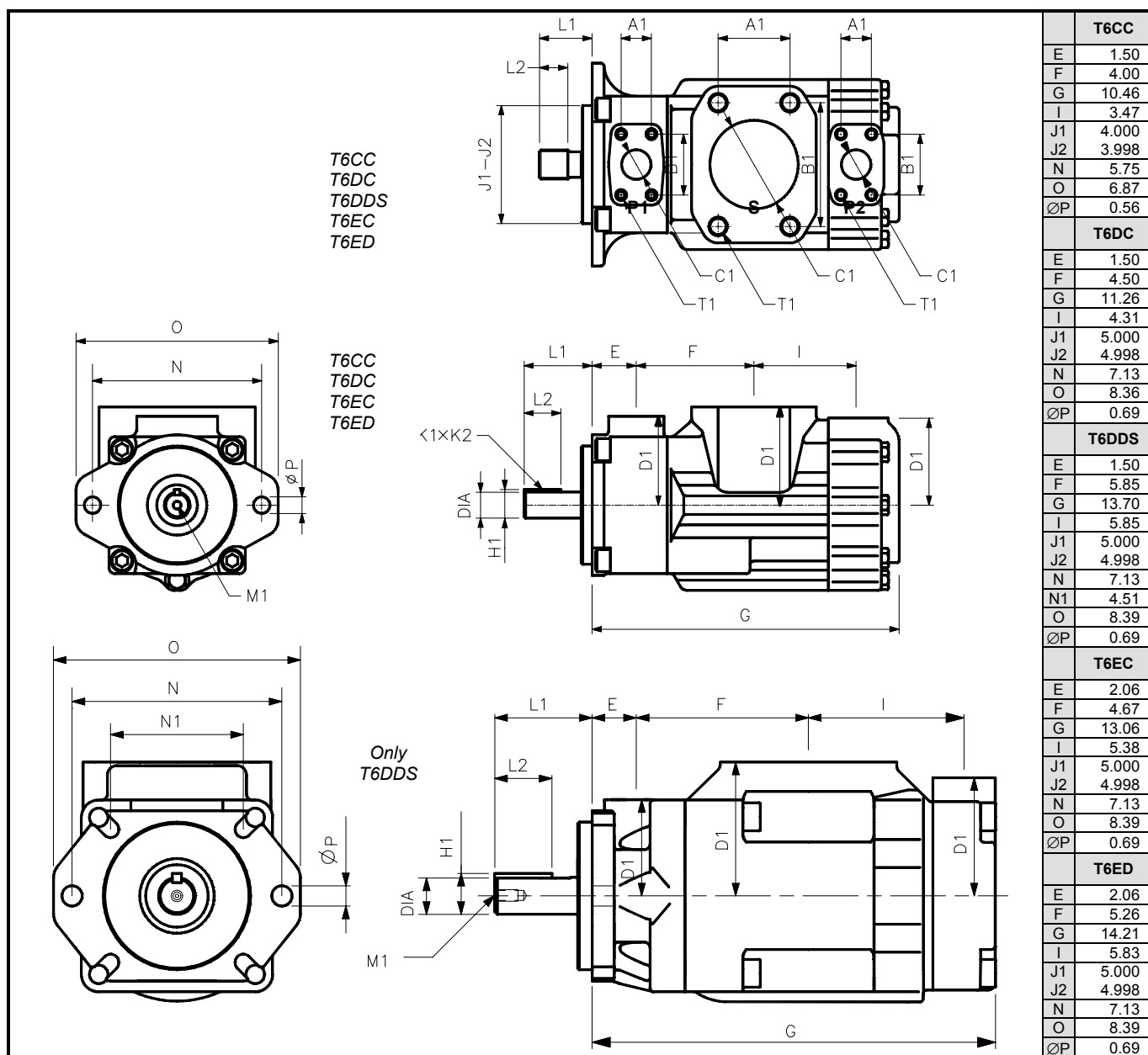
Porting	00	01	02	03



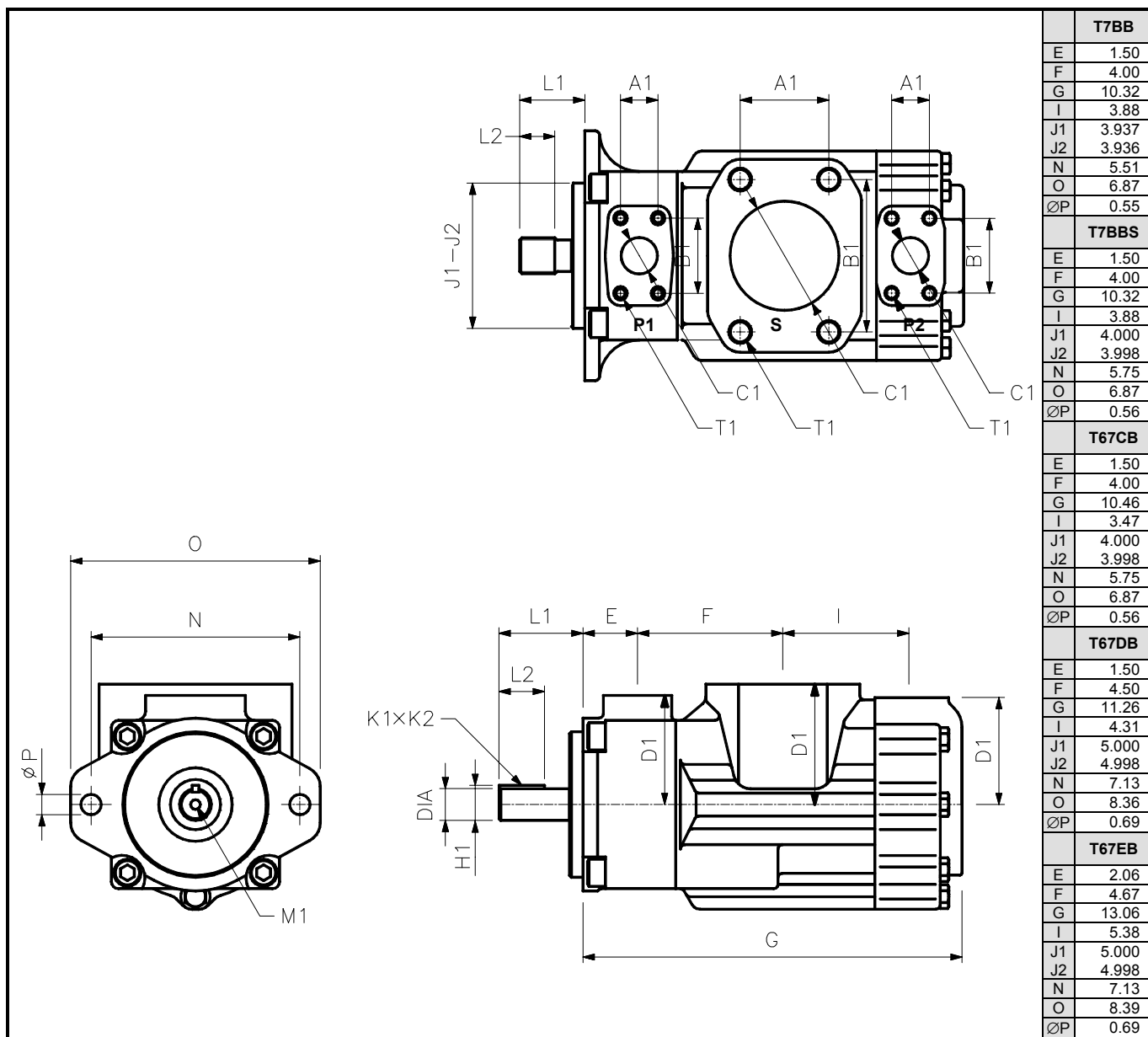
Shafts		Torque Limits (in-lbs.)						Dimensions (in)					
		T7BB	T7BBS	T67CB T6CC	T67DB T6DC	T6DDS	T67EB T6EC T6ED	L1	L2	DIA	K1 x K2	H1	M1
1	Key : Non SAE		2110	2110				2.29	1.25	0.8750 - 0.8740	0.187x0.185	0.97	
	Key : SAE C				6380	6070		3.29	1.94	1.2500 - 1.2480	0.313x0.311	1.39	M10 x 0.78
	Key : SAE CC						●	3.58	2.00	1.5000 - 1.4980	0.375x0.373	1.67	M10 x 0.78
2	Key : SAE BB		3160	3160 ¹				2.81	1.50	1.0000 - 0.9988	0.250x0.248	1.11	M8 x 0.63
	Key : Non SAE				5110			2.88	1.50	1.2500 - 1.2480	0.313x0.311	1.39	
	Key : SAE-CC					●		3.58	2.00	1.5000 - 1.4980	0.375x0.373	1.67	M10 x 0.78
	Key : Non SAE						5110	2.44	1.50	1.2500 - 1.2480	0.313x0.311	1.39	
3	Spline : SAE B		●					1.60	0.96	Class 1-J498b, 16/32 d.p. - 13 teeth			
	Spline : SAE BB			4820				1.79	0.96	Class 1-J498b, 16/32 d.p. - 15 teeth			
	Spline : SAE C				●	8590	●	2.19	1.50	Class 1-J498b, 12/24 d.p. - 14 teeth			
4	Spline : SAE BB		●					1.80	0.96	Class 1-J498b, 16/32 d.p. - 15 teeth			
	Spline : Non SAE				●			3.06	1.89	Class 1-J498b, 12/24 d.p. - 14 teeth			
	Spline : SAE BB					5050		1.81	1.24	Class 1-J498b, 16/32 d.p. - 15 teeth			
	Spline : SAE CC						●	2.45	1.24	Class 1-J498b, 12/24 d.p. - 17 teeth			
5	Splined : SAE B			3040				1.60	0.96	Class 1-J498b, 16/32 d.p. - 13 teeth			
	Key : Non SAE				● ²	7820		3.28	2.36	1.3740 - 1.3730	0.313x0.311	1.51	M8 x 0.63
	Key : ISO	●						2.76	1.57	0.9845 - 0.9840	0.315x0.313	1.11	
R	Key			2670 ¹				1.92	1.25	1.0000 - 0.9988	0.250x0.248	1.11	M8 x 0.63
V	Key			4820 ¹				3.50	1.97	1.2598 - 1.2583	0.394x0.393	1.39	M12 x 0.94
X	Key			3740 ¹				2.52	1.94	1.0610 - 1.0598	0.250x0.248	1.18	M8 x 0.63
W	Key			4820 ¹				2.19	1.50	1.2500 - 1.2480	0.313x0.311	1.39	M8 x 0.63

¹ T67CBW, T6CCW

² T67DBW, T6DCW



Ports			Dimensions (in)				Threads T1	
			A1	B1	C1	D1		
							Metric	UNC
T6CC	P1	1"	1.03	2.06	1.00	3.00		$\frac{3}{8}$ "-16UNC x 0.75
	P2	01-11 : $\frac{3}{4}$ " 00-10 : 1"	0.87 1.03	1.88 2.06	0.75 1.00	3.00 2.94		$\frac{3}{8}$ "-16UNC x 0.75
	S	10-11 : $2\frac{1}{2}$ " 00-01 : 3"	2.00 2.44	3.50 4.19	2.50 3.00	3.31		$\frac{1}{2}$ "-13UNC x 0.94 $\frac{5}{8}$ "-11UNC x 1.12
T6DC	P1	$1\frac{1}{4}$ "	1.19	2.31	1.25	3.25		$\frac{7}{16}$ "-14UNC x 0.88
	P2	1"	1.03	2.06	0.98	2.94		$\frac{3}{8}$ "-16UNC x 0.75
	S	3"	2.44	4.19	2.99	3.50		$\frac{5}{8}$ "-11UNC x 1.12
T6DDS	P1	$1\frac{1}{4}$ "	1.19	2.31	1.25	3.25	M12 x 0.88	$\frac{7}{16}$ "-14UNC x 0.88
	P2	$1\frac{1}{4}$ "	1.19	2.31	1.25	4.00	M12 x 0.94	$\frac{7}{16}$ "-14UNC x 0.94
	S	4"	3.06	5.13	4.00	4.53	M16 x 1.18	$\frac{5}{8}$ "-11UNC x 1.18
T6EC	P1	$1\frac{1}{2}$ "	1.41	2.75	1.46	3.87		$\frac{1}{2}$ "-13UNC x 0.92
	P2	1"	1.03	2.06	0.98	2.94		$\frac{3}{8}$ "-16UNC x 0.75
	S	$3\frac{1}{2}$ "	2.75	4.75	3.50	4.03		$\frac{5}{8}$ "-11UNC x 1.16
T6ED	P1	$1\frac{1}{2}$ "	1.41	2.75	1.46	3.87		$\frac{1}{2}$ "-13UNC x 0.92
	P2	$1\frac{1}{4}$ "	1.19	2.31	1.16	4.00		$\frac{7}{16}$ "-14UNC x 0.94
	S	4"	3.06	5.13	4.00	4.03		$\frac{5}{8}$ "-11UNC x 1.18



Ports			Dimensions (in)					
			A1	B1	C1	D1	Threads T1	
							Metric	UNC
T7BB T7BBS	P1	◆ 1: 3/4" ◆ Ø: 1"	0.87 1.03	1.87 2.06	0.75 1.00	2.94	M10 x 0.75	3/8"-16UNC x 0.75
	P2	3/4"	0.87	1.87	0.75	2.94	M10 x 0.75	3/8"-16UNC x 0.75
	S	2 1/2"	2.00	3.50	2.50	3.31	M12 x 0.88	1/2"-13UNC x 0.88
T67CB	P1	1"	1.03	2.06	1.00	3.00	M10 x 0.75	3/8"-16UNC x 0.75
	P2	3/4"	0.87	1.88	0.75	3.00	M10 x 0.75	3/8"-16UNC x 0.75
	S	2 1/2"	2.00	3.50	2.50	3.31	M12 x 1.18	1/2"-13UNC x 0.94
T67DB	P1	1 1/4"	1.19	2.31	1.25	3.25	M12 x 0.88	7/16"-14UNC x 0.88
	P2	3/4"	0.87	1.88	0.75	2.94	M10 x 0.75	3/8"-16UNC x 0.75
	S	3"	2.44	4.19	2.99	3.50	M16 x 1.12	5/8"-11UNC x 1.12
T67EB	P1	1 1/2"	1.41	2.75	1.46	3.87	M12 x 0.93	1/2"-13UNC x 0.92
	P2	3/4"	0.87	1.88	0.75	2.94	M10 x 0.75	3/8"-16UNC x 0.75
	S	3 1/2"	2.75	4.75	3.50	4.03	M16 x 1.16	5/8"-11UNC x 1.16