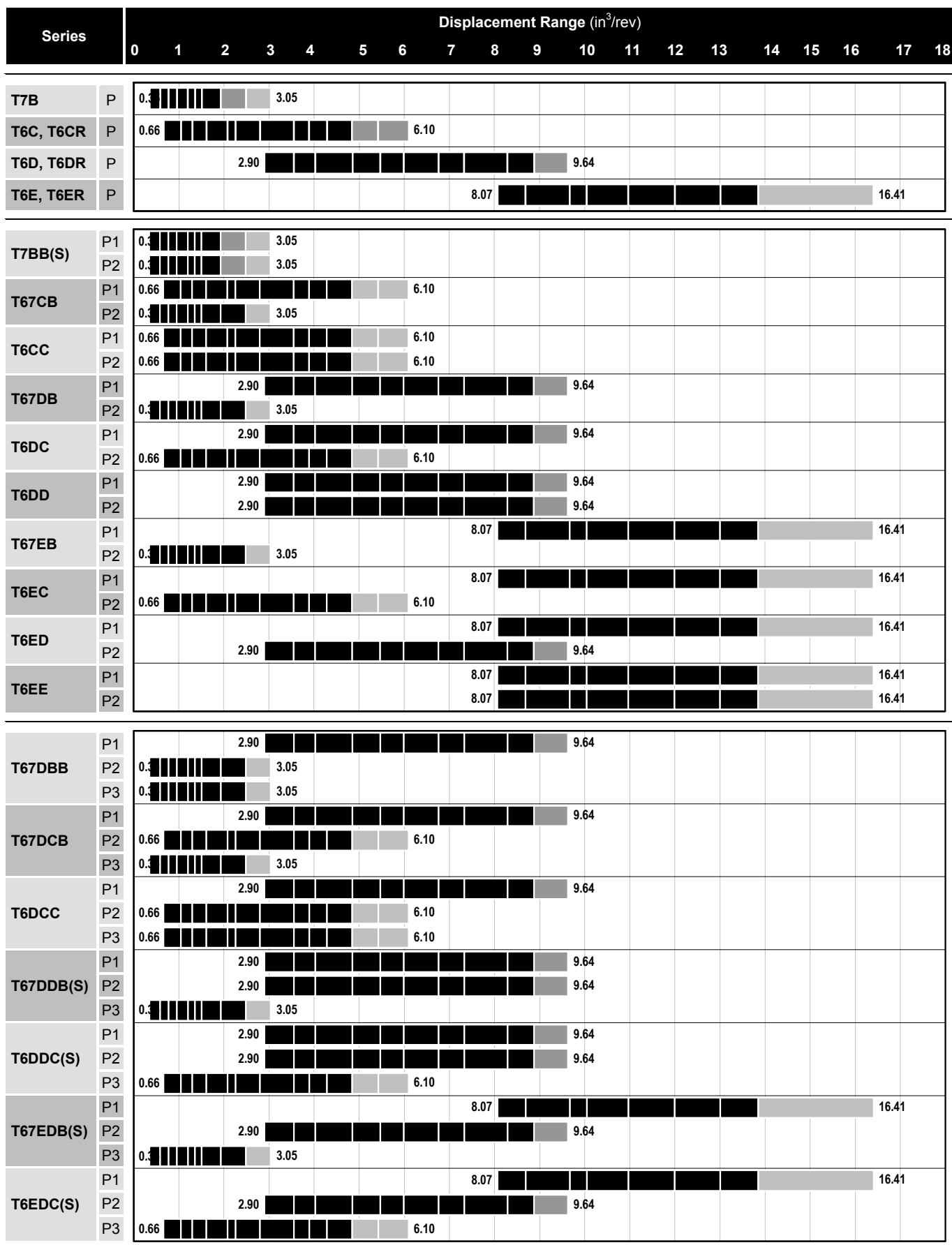


2. Vane Pumps

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				57
		T67DB	3500	4400		9.64	3.05				81
		T6DC	3500	4100		9.64	6.10				81
		T6DD(S)	3500	3500		9.64	9.64				
		T67EB	3500	4400		16.41	3.05				121
		T6EC	3500	4100		16.41	6.10				121
		T6ED	3500	3500		16.41	9.64				146
	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	600...3000	4400	4000									12.2	14.5
B15	3.05	4100		3500	B15										
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							12.3	13.3	012				
	014	2.81									13.1	13.8	014		
	017	3.56							14.9	017					
	020	3.89								020					
	022	4.29							022						
	025	4.84							15.2	025					
	028	5.42	-	028											
	031	6.10		031											
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							11.9	13.3	14.5	16.0		024	
	028	5.47												17.1	028
	031	6.00													17.8
	035	6.77							18.7	035					
	038	7.34								038					
	042	8.30	14.8	15.2	-			-		042					
	045	8.89							045						
	050	9.64							050						
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						12.3	13.8	15.8				057	
	062	12.00												062	
	066	13.02												066	
	072	13.86						14.5	14.5	13.8				14.5	15.2
	085	16.41	600...1800	1700	1200										

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							042
	045	8.89			2300			16.0	045
	050	9.64							050
E	042	8.07	600...1800	3000	2500	14.5	14.5	14.5	042
	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

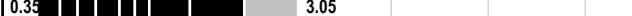
Input Speed : 1200 rpm (Mineral oil, HF-0 / HF-2, 24 cSt)

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
	031	6.10	31.7	31.0	30.4	29.7				3.1	20.3	39.4	58.5				031
D	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

Series		Displacement Range (in ³ /rev)											
		0	1	2	3	4	5	6	7	8	9	10	11
T6H20B	P1												
	P2												
T6H20C	P1												
	P2												
T6H29B	P1												
	P2												
T6H29C	P1												
	P2												
T6H29D	P1												
	P2												

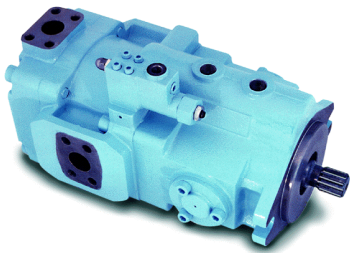
Cam	Size	In ³ / rev	Mineral Oil				Fire Resistant Fluids				Size
			Antiwear petroleum base (HF-0, HF-2)				Water-glycol (HF-4), Synthetic fluids (HF-5)				
			Speed Range	Maximum Outlet Pressure		Minimum Inlet Pressure ¹	Speed Range	Maximum Outlet Pressure		Minimum Inlet Pressure ¹	
				Int.	Cont.			Int.	Cont.		
			rpm	PSI	PSI	PSI	rpm	PSI	PSI	PSI	
T6H20			600...2600	3600	3300	11.6	600...1800	2500	2000	14.5	
T6H29			600...2400	3300	3000	11.6	600...1800	2500	2000	14.5	
B	B02	0.35	600...2600	4600	4200	11.6	600...1800	3500	3000	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	600...2600	4400	4000				B12		
B15	3.05	4100		3500	B15						
C	003	0.66	600...2600	4100	3500	11.6	600...1800	3000	2500	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	600...2500	3000	2300			025			
	028	5.42						028			
	031	6.10						031			
D	014	2.90	600...2500	3500	3000	11.6	600...1800	3000	2500	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	600...2200	3000	2300	12.3			045		
	050	9.64							2300	16.0	050

¹ At 1800 RPM. For higher speed consult Denison Hydraulics.

Hybrid Pumps - Performance & Operation Limits

Cam	Size	In ³ / rev	Mineral Oil ¹ Antiwear petroleum base (HF-0, HF-2)										Size			
			Speed Range	Maximum Outlet Pressure		Minimum inlet pressure (vs. rpm)										
				Int.	Cont.	1200	1500	1800	2100	2200	2300	2400		2600		
															rpm	PSI
T6H20			600...2600	3600	3300	11.6					12.3	13.1				
T6H29			600...2400	3300	3000	11.6			12.5	14.5	15.1	-				
B	B02	0.35	600...2600	4400	4000	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		280	240							12.3	B15			
C	M03	0.66	600...2600	280	240	11.6	11.6	11.6	11.6	11.6	11.6	13.1	M03			
	M05	1.05											M05			
	M06	1.30											M06			
	M08	1.61											M08			
	M10	2.08											M10			
	M12	2.26										13.3	M12			
	M14	2.81											13.8	M14		
	M17	3.56												M17		
	M20	3.89							14.2	M20						
	M22	4.29								M22						
	M25	4.84	400...2500	210	160				13.1	13.8	13.8	-	M25			
	M28	5.42							14.2	14.2	14.2		M28			
	M31	6.10							12.3	13.1	14.5		14.5	M31		
D	M14	2.90	400...2500	240	210	11.6	11.6	11.6	11.6	0.88	13.8	13.8	14.5	M14		
	M17	3.55							M17							
	M20	4.03							M20							
	M24	4.85							0.82				16.0	M24		
	M28	5.47							12.3	13.3	14.5	14.5	17.1	M28		
	M31	6.00							13.1	13.8			17.8	M31		
	M35	6.77							13.3	14.2	14.8	14.8	18.7	M35		
	M38	7.34							13.8	14.5	15.2	15.2		M38		
	M42	8.30							400...2200	210	160	12.3	12.3	12.3	-	-
	M45	8.89	14.2	15.2	M45											
	M50	9.64	14.8	15.8	M50											

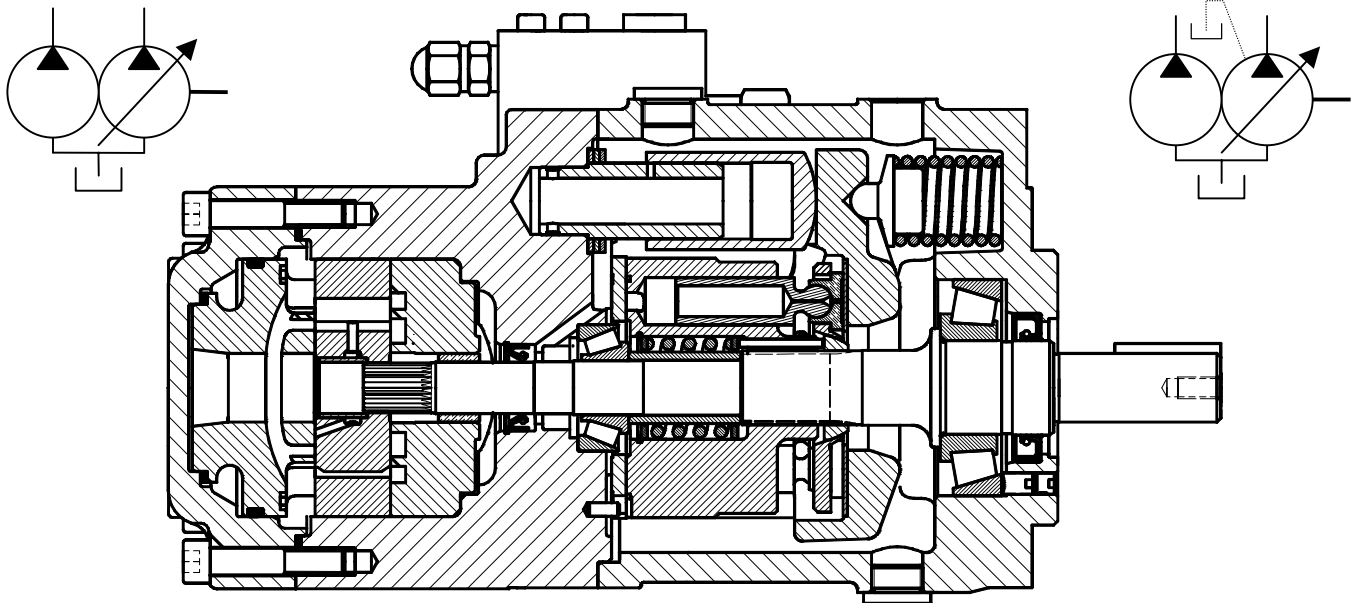
¹ Antiwear petroleum base (HF-0, HF-2). For alternative fluids consult Denison Hydraulics.



(T6H29D)

T6H Hybrid

T6H20B, T6H20C Series
T6H29B, T6H29C, T6H29D Series



Key sheet Example : T6H20C-020-1R1C-F00-000-10

1. **T6H20C-020-1R1C-F00-000-00** Series

Industrial & Mobile				
Variable pump		Fixed displacement pump		
Size	In ³ /rev	B	C	D
PV20	2.62	T6H20B	T6H20C	-
PV29	3.78	T6H29B	T6H29C	T6H29D

2. **T6H20C-020-1R1C-F00-000-10** Cam size

B	C	D
B02 0.35	◆03 0.66	014 2.90
B03 0.60	◆05 1.05	017 3.55
B04 0.78	◆06 1.30	020 4.03
B05 0.97	◆08 1.61	024 4.85
B06 1.21	◆10 2.08	028 5.47
B07 1.37	◆12 2.26	031 6.00
B08 1.52	◆14 2.81	035 6.77
B10 1.94	◆17 3.56	038 7.34
B12 2.50	◆20 3.89	042 8.30
B15 3.05	◆22 4.29	045 8.89
	◆25 4.84	050 9.64
◆ = 0 : industrial	◆28 5.42	
◆ = M : mobile	◆31 6.10	

3. **T6H20C-020-1R1C-F00-000-10** Shaft

4. **T6H20C-020-1R1C-F00-000-10** Rotation

CW	R
CCW	L

5. **T6H20C-020-1R1C-F00-000-10** Seal Class

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

6. **T6H20C-020-1R1C-F00-000-10** Design

7. **T6H20C-020-1R1C-F00-000-10** Control

8. **T6H20C-020-1R1C-F00-000-10** Accessories

No max. volume stop adjustment	0
Maximum volume stop adjustment	Consult DH

9. **T6H20C-020-1R1C-F00-000-10** Auxiliary

None		0
Electrical venting (control type X)	24 VDC	1
	230 VAC - 50/60 Hz	2

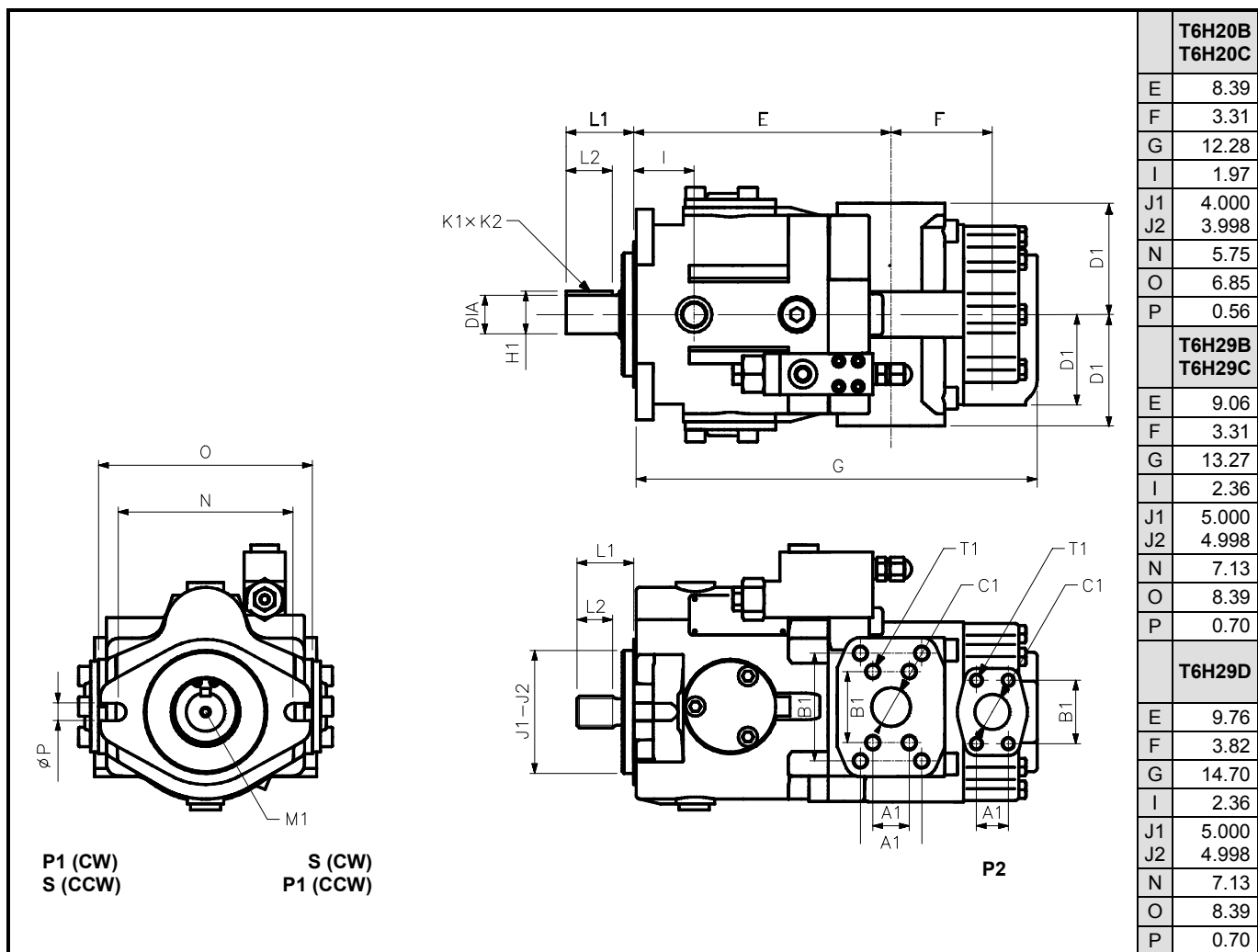
10. **T6H20C-020-1R1C-F00-000-10** Drain + vent

	UNF	BSPP
External drain	0	2
Internal drain	3	4

11. **T6H20C-020-1R1C-F00-000-10** Connections

P2 size & threads	UNC			Metric		
	1 1/4"	1"	3/4"	1 1/4"	1"	3/4"
T6H20B, T6H20C	-	00	01	-	M0	M1
T6H29B, T6H29C	-	00	01	-	M0	M1
T6H29D	00	-	-	M0	-	-

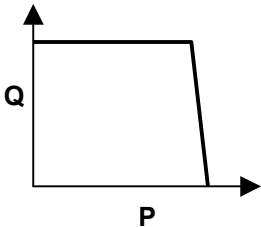
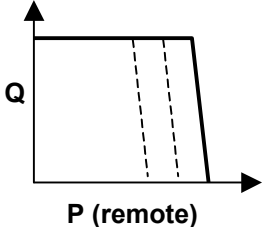
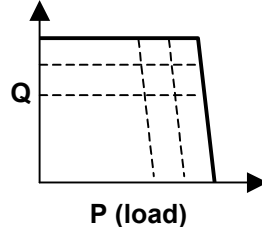
12. **T6H20C-020-1R1C-F00-2M1-10** Porting



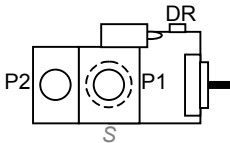
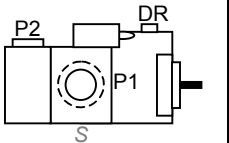
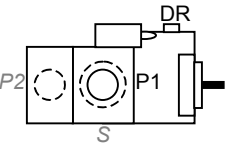
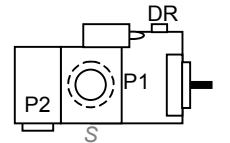
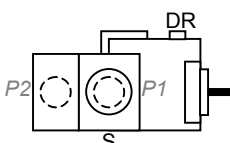
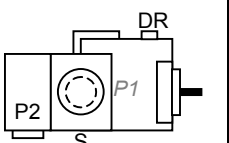
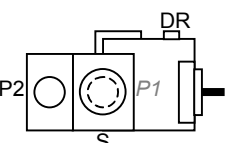
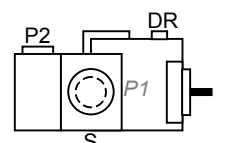
Shafts		Torque Limits (in-lbs.)			Dimensions (in)					
		T6H20B T6H20C	T6H29B T6H29C	T6H29D	L1	L2	DIA	K1 x K2	H1	M1
1	Key : SAE BB	3160			2.80	1.50	1.000 - 0.999	0.250x0.248	1.11	M8 x 0.63
	Key : SAE C		●	●	3.29	1.94	1.250 - 1.248	0.313x0.311	1.39	M10 x 0.79
5	Key : Non SAE	●			2.20	1.50	1.250 - 1.248	0.313x0.311	1.39	M8 x 0.63
3	Spline : SAE C	●	●	●	2.20	1.10	Class 1-J498b, 12/24 d.p. - 14 teeth			
4	Spline : SAE BB	4820			1.81	0.96	Class 1-J498b, 16/32 d.p. - 15 teeth			

Ports			Dimensions (in)					
			A1	B1	C1	D1	Threads T1	
							Metric	UNC
T6H20B T6H20C	P1	1 1/4"	1.19	2.31	1.25	3.62	M12 x 0.94	7/16"-14UNC x 0.94
	P2	1 3/4" 1"	0.87 1.03	1.88 2.06	0.75 1.00	2.94	M10 x 0.75	3/8"-16UNC x 0.75
	S	2 1/2"	50.8	88.9	63.5	92.0	M12 x 0.63	1/2"-13UNC x 0.63
T6H29B T6H29C	P1	1 1/4"	1.19	2.31	1.25	4.33	M12 x 0.94	7/16"-14UNC x 0.94
	P2	1 3/4" 1"	0.87 1.03	1.88 2.06	0.75 1.00	2.94	M10 x 0.75	3/8"-16UNC x 0.75
	S	2 1/2"	2.00	3.50	2.50	4.33	M12 x 0.87	1/2"-13UNC x 0.87
T6H29D	P1	1 1/4"	1.19	2.31	1.25	4.33	M12 x 0.94	7/16"-14UNC x 0.94
	P2	1 1/4"	1.19	2.31	1.25	4.00	M12 x 0.94	7/16"-14UNC x 0.94
	S	3"	2.44	4.19	2.99	4.33	M16 x 0.98	5/8"-11UNC x 0.98

Controls T6H20C-020-1R1C-F00-000-10

C : Compensator	F : Remote Control Compensator X : F control + Electrical Venting	L : Load Sensing
		
Minimum setting : 130 PSI	Minimum setting : 145 PSI Pilot port : V	Minimum setting : 250 PSI Differential pressure : 250 - 400 PSI Pilot port : V

Porting T6H20C-020-1R1C-F00-000-10

CW				
T6H20B/C, T6H29B/C	10	12	14	16
T6H29D	10	11	12	13
CCW				
T6H20B/C, T6H29B/C	00	02	04	06
T6H29D	00	01	02	03