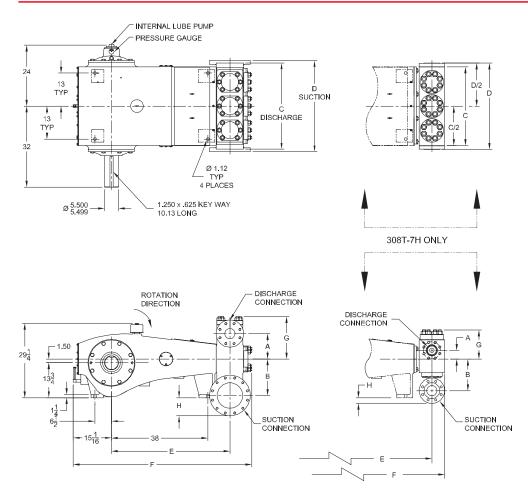
HP360 (308T-7) Triplex Plunger Pump



Specifications

Pump Size: maximum plunger size x stroke length, in.(mm) 5.750 x 7.125 (146.05 x 180.98) Rated BPH (kW) at 265 RPM: 308 (230) Rated plunger load, pounds (kg): 19400(8800) Maximum discharge pressure: psi (kPa) "XL" model: 1220 (8410) "L" model: 2169 (14952) "M" model: 3600 (24821) "H" model: 6170 (42542) Crankshaft extension: Diameter, in.(mm): 5.500 (139.7) Length, in.(mm): 12.125 (308.0) Keyway width x depth, in.(mm): 1-1/4 x 5/8 (31.8 x 15.9) Maximum recommended sheave diameter, in.(mm): 71 (1803.4) For larger sizes: Contact Factory Accessory gear reduction unit: N/A Oil Capacity, gallons (L) Crankcase: 19 (71.92) Weight, pump only on wood shipping skids, pounds (kg): 6013 (2727) Weight varies with pump model Standard Materials for Fluid Ends: "XL" model Cast Duplex Stainless Steel Cast Carbon Steel "L" model Cast Duplex Stainless Steel Cast Nickel-Aluminum-Bronze Billet/Forged Carbon Steel "M" model Cast Duplex Stainless Steel Cast Nickel-Aluminum-Bronze Forged/Plate Carbon Steel "H" model

Forged Stainless Steel

Pump Model	Flange Co	Dimensions (Inches)									
	Discharge Connection Sizes	Suction Connection Sizes	Α	В	С	D	E	F	G	н	
308T-7XL	4 (101.6)-ANSI 600 FF	10 (254.0)-ANSI 150 FF	10	14 3/8	34	36	46 5/8	70 5/16	16 11/16	7 1/8	
308T-7L	4 (101.6)-ANSI 900 FF	6 (152.4)-ANSI 150 FF	8 1/4	11 1/8	33	33	46 3/4	71 1/8	15 3/16	1 3/8	
308T-7M	2.5 (63.5)-ANSI 1500 FF	4 (101.6)-ANSI 300 FF	6 7/8	8 3/4	33	33	46 3/4	71 1/2	13 9/16	-1 1/2	
308T-7H	2 (50.8)-ANSI 2500 RTJ	4 (101.6)-ANSI 300 RF	3 7/16	12 7/16	31	34	48 5/16	68 3/8	11 7/16	2 3/16	



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Performance Data

PUMP	English Units					100 * RPM		133 RPM		166 RPM		199 RPM		232 RPM		265 RPM	
	Plunger Plunger	BPD	GPM	Max.				Í									
	Dia.	Area	per	per	Press.												
	In.	Sq. In.	RPM	RPM	PSI	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM
308T-7XL	5.750	25.9672	82.3820	2.4028	747	8239	240.3	10957	319.6	13676	398.9	16395	478.2	19113	557.5	21832	636.7
(HP360XL)	5.500	23.7583	75.3741	2.1984	817	7538	219.8	10025	292.4	12513	364.9	15000	437.5	17487	510.0	19975	582.6
	5.250	21.6475	68.6776	2.0031	896	6868	200.3	9135	266.4	11401	332.5	13667	398.6	15934	464.7	18200	530.8
	5.000	19.6349	62.2926	1.8169	988	6230	181.7	8285	241.6	10341	301.6	12397	361.6	14452	421.5	16508	481.5
	4.750	17.7205	56.2191	1.6397	1095	5622	164.0	7478	218.1	9333	272.2	11188	326.3	13043	380.4	14899	434.5
	4.500	15.9043	50.4570	1.4717	1220	5046	147.2	6711	195.7	8376	244.3	10041	292.9	11707	341.4	13372	390.0
308T-7L	4.250	14.1862	45.0064	1.3127	1368	4501	131.3	5986	174.6	7472	217.9	8957	261.2	10442	304.5	11927	347.9
(HP360AL)	4.125	13.3640	42.3979	1.2366	1452	4240	123.7	5639	164.5	7039	205.3	8438	246.1	9837	286.9	11236	327.7
	4.000	12.5664	39.8673	1.1628	1544	3987	116.3	5303	154.7	6618	193.0	7934	231.4	9250	269.8	10565	308.1
	3.875	11.7932	37.4145	1.0913	1645	3742	109.1	4977	145.1	6211	181.1	7446	217.2	8681	253.2	9915	289.2
	3.750	11.0447	35.0396	1.0220	1757	3504	102.2	4661	135.9	5817	169.7	6973	203.4	8130	237.1	9286	270.8
	3.625	10.3206	32.7426	0.9550	1880	3275	95.5	4355	127.0	5436	158.5	6516	190.0	7597	221.6	8677	253.1
	3.500	9.6211	30.5234	0.8903	2016	3053	89.0	4060	118.4	5067	147.8	6075	177.2	7082	206.5	8089	235.9
	3.375	8.9462	28.3821	0.8278	2169	2839	82.8	3775	110.1	4712	137.4	5649	164.7	6585	192.1	7522	219.4
308T-7M	3.250	8.2958	26.3186	0.7676	2339	2632	76.8	3501	102.1	4369	127.4	5238	152.8	6106	178.1	6975	203.4
(HP360AM)	3.125	7.6699	24.3331	0.7097	2529	2434	71.0	3237	94.4	4040	117.8	4843	141.2	5646	164.7	6449	188.1
	3.000	7.0686	22.4253	0.6541	2745	2243	65.4	2983	87.0	3723	108.6	4463	130.2	5203	151.7	5943	173.3
	2.875	6.4918	20.5955	0.6007	2988	2060	60.1	2740	79.9	3419	99.7	4099	119.5	4779	139.4	5458	159.2
	2.750	5.9396	18.8435	0.5496	3266	1885	55.0	2507	73.1	3129	91.2	3750	109.4	4372	127.5	4994	145.6
	2.500	4.9087	15.5732	0.4542	3600	1558	45.4	2072	60.4	2586	75.4	3100	90.4	3613	105.4	4127	120.4
	2.250	3.9761	12.6143	0.3679	3600	1262	36.8	1678	48.9	2094	61.1	2511	73.2	2927	85.4	3343	97.5
308T-7H	2.125	3.5466	11.2516	0.3282	5470	1126	32.8	1497	43.6	1868	54.5	2240	65.3	2611	76.1	2982	87.0
(HP360H)	2.000	3.1416	9.9668	0.2907	6170	997	29.1	1326	38.7	1655	48.3	1984	57.8	2313	67.4	2642	77.0
	1.875	2.7612	8.7599	0.2555	6170	876	25.5	1166	34.0	1455	42.4	1744	50.8	2033	59.3	2322	67.7
	1.750	2.4053	7.6308	0.2226	6170	764	22.3	1665	29.6	1267	36.9	1519	44.3	1771	51.6	2023	59.0
	Brake Hors	epower Requir	ed			1	17	1	55	1	94	2	32	2	70	30	08
PUMP	Metric U		B#2/11.	1 /0		100	* RPM	133	RPM	166	RPM	199	RPM	232	RPM	265	RPM
	Plunger	Plunger	M³/Hr	L/Sec.	Max.												
	Dia.	Area	per	per	Press.						L/Sec.						L/Sec.
0007 714	mm	Cm ²	RPM	RPM	kPa	M ³ /Hr	L/Sec.										
308T-7XL	146	167.530	0.5457		5454	54.0		M ³ /Hr	L/Sec.	M ³ /Hr		M ³ /Hr	L/Sec.	M ³ /Hr	L/Sec.	M ³ /Hr	
(HP360XL)	140			0.1516	5151	54.6	15.2	72.6	20.2	90.6	25.2	108.6	30.2	126.6	35.2	144.6	40.2
	133	153.279	0.4993	0.1387	5630	49.9	15.2 13.9	72.6 66.4	20.2 18.4	90.6 82.9	25.2 23.0	108.6 99.4	30.2 27.6	126.6 115.8	35.2 32.2	144.6 132.3	40.2 36.8
		139.661	0.4993 0.4549	0.1387 0.1264	5630 6179	49.9 45.5	15.2 13.9 12.6	72.6 66.4 60.5	20.2 18.4 16.8	90.6 82.9 75.5	25.2 23.0 21.0	108.6 99.4 90.5	30.2 27.6 25.1	126.6 115.8 105.5	35.2 32.2 29.3	144.6 132.3 120.5	40.2 36.8 33.5
	127	139.661 126.677	0.4993 0.4549 0.4126	0.1387 0.1264 0.1146	5630 6179 6812	49.9 45.5 41.3	15.2 13.9 12.6 11.5	72.6 66.4 60.5 54.9	20.2 18.4 16.8 15.2	90.6 82.9 75.5 68.5	25.2 23.0 21.0 19.0	108.6 99.4 90.5 82.1	30.2 27.6 25.1 22.8	126.6 115.8 105.5 95.7	35.2 32.2 29.3 26.6	144.6 132.3 120.5 109.3	40.2 36.8 33.5 30.4
	127 121	139.661 126.677 114.326	0.4993 0.4549 0.4126 0.3724	0.1387 0.1264 0.1146 0.1035	5630 6179 6812 7548	49.9 45.5 41.3 37.2	15.2 13.9 12.6 11.5 10.3	72.6 66.4 60.5 54.9 49.5	20.2 18.4 16.8 15.2 13.8	90.6 82.9 75.5 68.5 61.8	25.2 23.0 21.0 19.0 17.2	108.6 99.4 90.5 82.1 74.1	30.2 27.6 25.1 22.8 20.6	126.6 115.8 105.5 95.7 86.4	35.2 32.2 29.3 26.6 24.0	144.6 132.3 120.5 109.3 98.7	40.2 36.8 33.5 30.4 27.4
0007.7	127 121 114	139.661 126.677 114.326 102.608	0.4993 0.4549 0.4126 0.3724 0.3342	0.1387 0.1264 0.1146 0.1035 0.0928	5630 6179 6812 7548 8410	49.9 45.5 41.3 37.2 33.4	15.2 13.9 12.6 11.5 10.3 9.3	72.6 66.4 60.5 54.9 49.5 44.5	20.2 18.4 16.8 15.2 13.8 12.3	90.6 82.9 75.5 68.5 61.8 55.5	25.2 23.0 21.0 19.0 17.2 15.4	108.6 99.4 90.5 82.1 74.1 66.5	30.2 27.6 25.1 22.8 20.6 18.5	126.6 115.8 105.5 95.7 86.4 77.5	35.2 32.2 29.3 26.6 24.0 21.5	144.6 132.3 120.5 109.3 98.7 88.6	40.2 36.8 33.5 30.4 27.4 24.6
	127 121 114 108	139.661 126.677 114.326 102.608 91.524	0.4993 0.4549 0.4126 0.3724 0.3342 0.2981	0.1387 0.1264 0.1146 0.1035 0.0928 0.0828	5630 6179 6812 7548 8410 9429	49.9 45.5 41.3 37.2 33.4 29.8	15.2 13.9 12.6 11.5 10.3 9.3 8.3	72.6 66.4 60.5 54.9 49.5 44.5 39.6	20.2 18.4 16.8 15.2 13.8 12.3 11.0	90.6 82.9 75.5 68.5 61.8 55.5 49.5	25.2 23.0 21.0 19.0 17.2 15.4 13.7	108.6 99.4 90.5 82.1 74.1 66.5 59.3	30.2 27.6 25.1 22.8 20.6 18.5 16.5	126.6 115.8 105.5 95.7 86.4 77.5 69.2	35.2 32.2 29.3 26.6 24.0 21.5 19.2	144.6 132.3 120.5 109.3 98.7 88.6 79.0	40.2 36.8 33.5 30.4 27.4 24.6 21.9
	127 121 114 108 105	139.661 126.677 114.326 102.608 91.524 86.219	0.4993 0.4549 0.4126 0.3724 0.3342 0.2981 0.2808	0.1387 0.1264 0.1146 0.1035 0.0928 0.0828 0.0780	5630 6179 6812 7548 8410 9429 10009	49.9 45.5 41.3 37.2 33.4 29.8 28.1	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8	72.6 66.4 60.5 54.9 49.5 44.5 39.6 37.4	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4	90.6 82.9 75.5 68.5 61.8 55.5 49.5 46.6	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5	126.6 115.8 105.5 95.7 86.4 77.5 69.2 65.2	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7
308T-7L (HP360AL)	127 121 114 108 105 102	139.661 126.677 114.326 102.608 91.524 86.219 81.073	0.4993 0.4549 0.4126 0.3724 0.3342 0.2981 0.2808 0.2641	0.1387 0.1264 0.1146 0.1035 0.0928 0.0828 0.0780 0.0734	5630 6179 6812 7548 8410 9429 10009 10644	49.9 45.5 41.3 37.2 33.4 29.8 28.1 26.4	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8 7.3	72.6 66.4 60.5 54.9 49.5 44.5 39.6 37.4 35.1	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4 9.8	90.6 82.9 75.5 68.5 61.8 55.5 49.5 46.6 43.8	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0 12.2	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9 52.6	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5 14.6	126.6 115.8 105.5 95.7 86.4 77.5 69.2 65.2 61.3	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1 17.0	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4 70.0	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7 19.4
	127 121 114 108 105 102 98	139.661 126.677 114.326 102.608 91.524 86.219 81.073 76.085	0.4993 0.4549 0.4126 0.3724 0.2981 0.2808 0.2641 0.2478	0.1387 0.1264 0.1146 0.1035 0.0928 0.0828 0.0780 0.0734 0.0688	5630 6179 6812 7548 8410 9429 10009 10644 11342	49.9 45.5 41.3 37.2 33.4 29.8 28.1 26.4 24.8	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8 7.3 6.9	72.6 66.4 60.5 54.9 49.5 44.5 39.6 37.4 35.1 33.0	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4 9.8 9.2	90.6 82.9 75.5 68.5 61.8 55.5 49.5 46.6 43.8 41.1	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0 12.2 11.4	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9 52.6 49.3	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5 14.6 13.7	126.6 115.8 105.5 95.7 86.4 77.5 69.2 65.2 61.3 57.5	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1 17.0 16.0	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4 70.0 65.7	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7 19.4 18.2
	127 121 114 108 105 102 98 95	139.661 126.677 114.326 102.608 91.524 86.219 81.073 76.085 71.256	0.4993 0.4549 0.4126 0.3724 0.2981 0.2808 0.2641 0.2478 0.2321	0.1387 0.1264 0.1146 0.1035 0.0928 0.0828 0.0780 0.0734 0.0688 0.0645	5630 6179 6812 7548 8410 9429 10009 10644 11342 12111	49.9 45.5 41.3 37.2 33.4 29.8 28.1 26.4 24.8 23.2	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8 7.3 6.9 6.4	72.6 66.4 60.5 54.9 49.5 44.5 39.6 37.4 35.1 33.0 30.9	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4 9.8 9.2 8.6	90.6 82.9 75.5 68.5 61.8 55.5 49.5 46.6 43.8 41.1 38.5	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0 12.2 11.4 10.7	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9 52.6 49.3 46.2	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5 14.6 13.7 12.8	126.6 115.8 105.5 95.7 86.4 77.5 69.2 65.2 61.3 57.5 53.8	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1 17.0 16.0 15.0	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4 70.0 65.7 61.5	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7 19.4 18.2 17.1
	127 121 114 108 105 102 98 95 92	139.661 126.677 114.326 102.608 91.524 86.219 81.073 76.085 71.256 66.584	0.4993 0.4549 0.4126 0.3724 0.2981 0.2808 0.2641 0.2478 0.2321 0.2169	0.1387 0.1264 0.1146 0.1035 0.0928 0.0828 0.0780 0.0734 0.0688 0.0645 0.0603	5630 6179 6812 7548 8410 9429 10009 10644 11342 12111 12960	49.9 45.5 41.3 37.2 33.4 29.8 28.1 26.4 24.8 23.2 21.7	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8 7.3 6.9 6.4 6.0	72.6 66.4 60.5 54.9 49.5 44.5 39.6 37.4 35.1 33.0 30.9 28.8	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4 9.8 9.2 8.6 8.0	90.6 82.9 75.5 68.5 61.8 55.5 49.5 46.6 43.8 41.1 38.5 36.0	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0 12.2 11.4 10.7 10.0	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9 52.6 49.3 46.2 43.2	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5 14.6 13.7 12.8 12.0	126.6 115.8 105.5 95.7 86.4 77.5 69.2 65.2 61.3 57.5 53.8 50.3	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1 17.0 16.0 15.0 14.0	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4 70.0 65.7 61.5 57.5	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7 19.4 18.2 17.1 16.0
	127 121 114 108 105 102 98 95 92 89	139.661 126.677 114.326 102.608 91.524 86.219 81.073 76.085 71.256 66.584 62.072	0.4993 0.4549 0.4126 0.3724 0.2981 0.2808 0.2641 0.2478 0.2321 0.2169 0.2022	0.1387 0.1264 0.1146 0.1035 0.0928 0.0828 0.0780 0.0734 0.0688 0.0645 0.0603 0.0562	5630 6179 6812 7548 8410 9429 10009 10644 11342 12111 12960 13903	49.9 45.5 41.3 37.2 33.4 29.8 28.1 26.4 24.8 23.2 21.7 20.2	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8 7.3 6.9 6.4 6.0 5.6	72.6 66.4 60.5 54.9 49.5 44.5 39.6 37.4 35.1 33.0 30.9 28.8 26.9	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4 9.8 9.2 8.6 8.0 7.5	90.6 82.9 75.5 68.5 61.8 55.5 49.5 46.6 43.8 41.1 38.5 36.0 33.6	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0 12.2 11.4 10.7 10.0 9.3	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9 52.6 49.3 46.2 43.2 40.2	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5 14.6 13.7 12.8 12.0 11.2	126.6 115.8 105.5 95.7 86.4 77.5 69.2 65.2 61.3 57.5 53.8 50.3 46.9	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1 17.0 16.0 15.0 14.0 13.0	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4 70.0 65.7 61.5 57.5 53.6	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7 19.4 18.2 17.1 16.0 14.9
(HP360AL)	127 121 114 108 105 102 98 95 92 89 89 86	139.661 126.677 114.326 102.608 91.524 86.219 81.073 76.085 71.256 66.584 62.072 57.717	0.4993 0.4549 0.4126 0.3724 0.2981 0.2808 0.2641 0.2478 0.2321 0.2169 0.2022 0.1880	0.1387 0.1264 0.1146 0.1035 0.0928 0.0828 0.0780 0.0734 0.0688 0.0645 0.0603 0.0562 0.0522	5630 6179 6812 7548 8410 9429 10009 10644 11342 12111 12960 13903 14952	49.9 45.5 41.3 37.2 33.4 29.8 28.1 26.4 24.8 23.2 21.7 20.2 18.8	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8 7.3 6.9 6.4 6.0 5.6 5.2	72.6 66.4 60.5 54.9 49.5 44.5 39.6 37.4 35.1 33.0 30.9 28.8 26.9 25.0	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4 9.8 9.2 8.6 8.0 7.5 6.9	90.6 82.9 75.5 68.5 61.8 55.5 49.5 46.6 43.8 41.1 38.5 36.0 33.6 31.2	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0 12.2 11.4 10.7 10.0 9.3 8.7	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9 52.6 49.3 46.2 43.2 40.2 37.4	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5 14.6 13.7 12.8 12.0 11.2 10.4	126.6 115.8 95.7 86.4 77.5 69.2 65.2 61.3 57.5 53.8 50.3 46.9 43.6	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1 17.0 16.0 15.0 14.0 13.0 12.1	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4 70.0 65.7 61.5 57.5 53.6 49.8	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7 19.4 18.2 17.1 16.0 14.9 13.8
(HP360AL) 308T-7M	127 121 114 108 105 102 98 95 92 89 89 86 83	139.661 126.677 114.326 102.608 91.524 86.219 81.073 76.085 71.256 66.584 62.072 57.717 53.521	0.4993 0.4549 0.4126 0.3724 0.3342 0.2981 0.2641 0.2641 0.2478 0.2321 0.2169 0.2022 0.1880 0.1743	0.1387 0.1264 0.1146 0.1035 0.0928 0.0828 0.0780 0.0780 0.0784 0.0645 0.0645 0.0603 0.0562 0.0522 0.0484	5630 6179 6812 7548 8410 9429 10009 10644 11342 12111 12960 13903 14952 16124	49.9 45.5 41.3 37.2 33.4 29.8 28.1 26.4 24.8 23.2 21.7 20.2 18.8 17.4	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8 7.3 6.9 6.4 6.0 5.6 5.2 4.8	72.6 66.4 60.5 54.9 49.5 44.5 39.6 37.4 35.1 33.0 30.9 28.8 26.9 25.0 23.2	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4 9.8 9.2 8.6 8.0 7.5 6.9 6.4	90.6 82.9 75.5 68.5 61.8 55.5 49.5 46.6 43.8 41.1 38.5 36.0 33.6 31.2 28.9	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0 12.2 11.4 10.7 10.0 9.3 8.7 8.0	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9 52.6 49.3 46.2 43.2 40.2 37.4 34.7	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5 14.6 13.7 12.8 12.0 11.2 10.4 9.6	126.6 115.8 105.5 95.7 86.4 77.5 69.2 61.3 57.5 53.8 50.3 46.9 43.6 40.4	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1 17.0 16.0 15.0 14.0 13.0 12.1 11.2	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4 70.0 65.7 61.5 57.5 53.6 49.8 46.2	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7 19.4 18.2 17.1 16.0 14.9 13.8 12.8
(HP360AL) 308T-7M	127 121 114 108 105 102 98 95 95 92 89 86 86 83 79	139.661 126.677 114.326 102.608 91.524 86.219 81.073 76.085 71.256 66.584 62.072 57.717 53.521 49.483	0.4993 0.4549 0.4126 0.3724 0.2981 0.2808 0.2641 0.2478 0.2321 0.2169 0.2022 0.1880 0.1743 0.1612	0.1387 0.1264 0.1146 0.035 0.0928 0.0280 0.0780 0.0780 0.0734 0.0688 0.0645 0.0603 0.0562 0.0522 0.02484 0.0484	5630 6179 6812 7548 8410 9429 10009 10644 11342 12111 12960 13903 14952 16124 17439	49.9 45.5 41.3 37.2 33.4 29.8 28.1 26.4 24.8 23.2 21.7 20.2 18.8 17.4 16.1	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8 7.3 6.9 6.4 6.0 5.6 5.2 4.8 4.5	72.6 66.4 60.5 54.9 49.5 44.5 39.6 37.4 35.1 33.0 30.9 28.8 26.9 25.0 23.2 21.4	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4 9.8 9.2 8.6 8.0 7.5 6.9 6.4 6.0	90.6 82.9 75.5 68.5 61.8 55.5 49.5 46.6 43.8 41.1 38.5 36.0 33.6 31.2 28.9 26.8	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0 12.2 11.4 10.7 10.0 9.3 8.7 8.0 7.4	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9 52.6 49.3 46.2 43.2 40.2 37.4 34.7 32.1	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5 14.6 13.7 12.8 12.0 11.2 10.4 9.6 8.9	126.6 115.8 105.5 95.7 86.4 77.5 69.2 65.2 61.3 57.5 53.8 50.3 46.9 43.6 40.4 37.4	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1 17.0 16.0 15.0 14.0 13.0 12.1 11.2 10.4	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4 70.0 65.7 61.5 57.5 53.6 49.8 46.2 42.7	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7 19.4 18.2 17.1 16.0 14.9 13.8 12.8 11.9
(HP360AL) 308T-7M	127 121 114 108 105 102 98 95 92 89 89 86 83 79 76	139.661 126.677 114.326 102.608 91.524 86.219 81.073 76.085 71.256 66.584 62.072 57.717 53.521 49.483 45.604	0.4993 0.4549 0.4126 0.3724 0.2981 0.2808 0.2641 0.2478 0.2321 0.2169 0.2022 0.1880 0.1743 0.1743	0.1387 0.1264 0.1146 0.1035 0.0928 0.0828 0.0780 0.0780 0.0784 0.0688 0.0645 0.0603 0.0562 0.0522 0.0522 0.0484 0.0448 0.0413	5630 6179 6812 7548 8410 9429 10009 10644 11342 12111 12960 13903 14952 16124 17439 18923	49.9 45.5 41.3 37.2 33.4 29.8 28.1 26.4 24.8 23.2 21.7 20.2 18.8 17.4 16.1 14.9	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8 7.3 6.9 6.4 6.0 5.6 5.2 4.8 4.5 4.1	72.6 66.4 60.5 54.9 49.5 44.5 39.6 37.4 35.1 33.0 28.8 26.9 25.0 23.2 21.4 19.8	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4 9.2 8.6 8.0 7.5 6.9 6.4 6.0 5.5	90.6 82.9 75.5 68.5 61.8 55.5 49.5 46.6 43.8 41.1 38.5 36.0 33.6 31.2 28.9 26.8 24.7	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0 12.2 11.4 10.7 10.0 9.3 8.7 8.0 7.4 6.9	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9 52.6 49.3 46.2 43.2 40.2 37.4 34.7 32.1 29.6	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5 14.6 13.7 12.8 12.0 11.2 10.4 9.6 8.9 8.2	126.6 115.8 105.5 95.7 86.4 77.5 69.2 65.2 61.3 57.5 53.8 50.3 46.9 43.6 40.4 37.4 34.5	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1 17.0 16.0 15.0 14.0 13.0 12.1 11.2 10.4 9.6	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4 70.0 65.7 61.5 57.5 53.6 49.8 46.2 42.7 39.4	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7 19.4 18.2 17.1 16.0 14.9 13.8 12.8 11.9 10.9
(HP360AL)	127 121 114 108 105 102 98 95 95 92 89 86 86 83 79	139.661 126.677 114.326 102.608 91.524 86.219 81.073 76.085 71.256 66.584 62.072 57.717 53.521 49.483	0.4993 0.4549 0.4126 0.3724 0.2981 0.2808 0.2641 0.2478 0.2321 0.2169 0.2022 0.1880 0.1743 0.1612	0.1387 0.1264 0.1146 0.035 0.0928 0.0280 0.0780 0.0780 0.0734 0.0688 0.0645 0.0603 0.0562 0.0522 0.02484 0.0484	5630 6179 6812 7548 8410 9429 10009 10644 11342 12111 12960 13903 14952 16124 17439	49.9 45.5 41.3 37.2 33.4 29.8 28.1 26.4 24.8 23.2 21.7 20.2 18.8 17.4 16.1	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8 7.3 6.9 6.4 6.0 5.6 5.2 4.8 4.5	72.6 66.4 60.5 54.9 49.5 44.5 39.6 37.4 35.1 33.0 30.9 28.8 26.9 25.0 23.2 21.4	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4 9.8 9.2 8.6 8.0 7.5 6.9 6.4 6.0	90.6 82.9 75.5 68.5 61.8 55.5 49.5 46.6 43.8 41.1 38.5 36.0 33.6 31.2 28.9 26.8	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0 12.2 11.4 10.7 10.0 9.3 8.7 8.0 7.4	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9 52.6 49.3 46.2 43.2 40.2 37.4 34.7 32.1	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5 14.6 13.7 12.8 12.0 11.2 10.4 9.6 8.9	126.6 115.8 105.5 95.7 86.4 77.5 69.2 65.2 61.3 57.5 53.8 50.3 46.9 43.6 40.4 37.4	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1 17.0 16.0 15.0 14.0 13.0 12.1 11.2 10.4	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4 70.0 65.7 61.5 57.5 53.6 49.8 46.2 42.7	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7 19.4 18.2 17.1 16.0 14.9 13.8 12.8 11.9
(HP360AL) 308T-7M	127 121 114 108 105 102 98 95 92 89 89 86 83 79 76	139.661 126.677 114.326 91.524 86.219 81.073 76.085 71.268 62.072 57.717 53.521 49.483 45.604 41.883 38.320	0.4993 0.4549 0.4126 0.3724 0.2981 0.2808 0.2641 0.2478 0.2321 0.2169 0.2022 0.1880 0.1743 0.1743	0.1387 0.1264 0.1146 0.1035 0.0928 0.0828 0.0780 0.0780 0.0784 0.0688 0.0645 0.0603 0.0562 0.0522 0.0522 0.0484 0.0448 0.0413	5630 6179 6812 7548 8410 9429 10009 10644 11342 12111 12960 13903 14952 16124 17439 18923	49.9 45.5 41.3 37.2 33.4 29.8 28.1 26.4 24.8 23.2 21.7 20.2 18.8 17.4 16.1 14.9	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8 7.3 6.9 6.4 6.0 5.6 5.2 4.8 4.5 4.1	72.6 66.4 60.5 54.9 49.5 44.5 39.6 37.4 35.1 33.0 28.8 26.9 25.0 23.2 21.4 19.8	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4 9.2 8.6 8.0 7.5 6.9 6.4 6.0 5.5	90.6 82.9 75.5 68.5 61.8 55.5 49.5 46.6 43.8 41.1 38.5 36.0 33.6 31.2 28.9 26.8 24.7	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0 12.2 11.4 10.7 10.0 9.3 8.7 8.0 7.4 6.9	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9 52.6 49.3 46.2 43.2 40.2 37.4 34.7 32.1 29.6	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5 14.6 13.7 12.8 12.0 11.2 10.4 9.6 8.9 8.2	126.6 115.8 105.5 95.7 86.4 77.5 69.2 65.2 61.3 57.5 53.8 50.3 46.9 43.6 40.4 37.4 34.5	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1 17.0 16.0 15.0 14.0 13.0 12.1 11.2 10.4 9.6	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4 70.0 65.7 61.5 57.5 53.6 49.8 46.2 42.7 39.4	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7 19.4 18.2 17.1 16.0 14.9 13.8 12.8 11.9 10.9
(HP360AL) 308T-7M	127 121 114 108 105 102 98 95 92 89 95 92 89 86 83 79 76 73	139.661 126.677 114.326 91.524 86.219 81.073 76.085 71.256 66.584 62.072 57.717 53.521 49.483 45.604 41.883	0.4993 0.4549 0.4126 0.3724 0.2981 0.2808 0.2641 0.2478 0.2321 0.2169 0.2022 0.1880 0.1743 0.1612 0.1485 0.1364	0.1387 0.1264 0.1146 0.0928 0.0928 0.0780 0.0734 0.0688 0.0645 0.0603 0.0562 0.0522 0.0484 0.0448 0.0443 0.0379	5630 6179 6812 7548 8410 9429 10009 10644 11342 12111 12960 13903 14952 16124 17439 18923 20604	49.9 45.5 41.3 37.2 33.4 29.8 28.1 26.4 24.8 23.2 21.7 20.2 18.8 17.4 16.1 14.9 13.6	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8 7.3 6.9 6.4 6.0 5.6 5.2 4.8 4.5 4.5 4.5 4.5 4.5 4.5 2.9	72.6 66.4 60.5 54.9 49.5 44.5 39.6 37.4 35.1 33.0 30.9 28.8 26.9 25.0 23.2 21.4 19.8 18.1	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4 9.8 9.2 8.6 8.0 7.5 6.9 6.4 6.0 5.5 5.0	90.6 82.9 75.5 68.5 61.8 55.5 49.5 46.6 43.8 41.1 38.5 36.0 33.6 31.2 28.9 26.8 24.7 22.6	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0 12.2 11.4 10.7 10.0 9.3 8.7 8.0 7.4 6.9 6.3	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9 52.6 49.3 46.2 43.2 40.2 37.4 34.7 32.1 29.6 27.1	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5 14.6 13.7 12.8 12.0 11.2 10.4 9.6 8.9 8.2 7.5	126.6 115.8 105.5 95.7 86.4 77.5 69.2 65.2 61.3 57.5 53.8 50.3 46.9 43.6 40.4 37.4 34.5 31.6	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1 17.0 16.0 15.0 14.0 13.0 12.1 11.2 10.4 9.6 8.8	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4 70.0 65.7 61.5 57.5 53.6 49.8 46.2 42.7 39.4 36.2	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7 19.4 18.2 17.1 16.0 14.9 13.8 12.8 11.9 10.9 10.0
(HP360AL) 3087-7M (HP360AM)	127 121 114 108 105 102 98 95 92 89 92 89 86 83 79 76 73 70 64 57	139.661 126.677 114.326 102.608 91.524 86.219 81.073 76.085 71.256 66.584 62.072 57.717 53.521 49.483 45.604 41.883 38.320 31.669 25.652	0.4993 0.4549 0.4126 0.3724 0.2981 0.2808 0.2641 0.2478 0.2321 0.2478 0.2321 0.2478 0.2321 0.2478 0.2022 0.17830 0.1612 0.1743 0.1612 0.1364 0.1364	0.1387 0.1264 0.1146 0.0928 0.0928 0.0780 0.0780 0.0645 0.0645 0.0603 0.0562 0.0562 0.0484 0.0448 0.0448 0.0443 0.0379 0.0347 0.0282	5630 6179 6812 7548 8410 9429 10009 10644 11342 12111 12960 13903 14952 16124 17439 18923 20604 22520 24821	49.9 45.5 41.3 37.2 33.4 29.8 28.1 26.4 24.8 23.2 21.7 20.2 18.8 17.4 16.1 14.9 13.6 12.5 10.3 8.4	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8 7.3 6.9 6.4 5.6 5.2 4.8 4.5 4.1 3.8 3.5 2.9 2.3	72.6 66.4 60.5 54.9 49.5 44.5 39.6 37.4 35.1 33.0 30.9 28.8 26.9 25.0 23.2 21.4 19.8 18.1 16.6 13.7 11.1	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4 9.8 9.2 8.6 8.0 7.5 6.9 6.4 6.0 5.5 5.0 4.6 3.8 3.1	90.6 82.9 75.5 68.5 61.8 55.5 49.5 46.6 43.8 41.1 38.5 36.0 33.6 31.2 28.9 26.8 24.7 22.6 20.7 17.1 13.9	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0 12.2 11.4 10.7 10.0 9.3 8.7 8.0 7.4 6.9 6.3 5.8 4.8 3.9	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9 52.6 49.3 46.2 43.2 40.2 37.4 34.7 32.1 29.6 27.1 24.8 20.5 16.6	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5 14.6 13.7 12.8 12.0 11.2 10.4 9.6 8.9 8.2 7.5 6.9 5.7 4.6	126.6 115.8 105.5 95.7 86.4 77.5 69.2 65.2 61.3 57.5 53.8 50.3 46.9 43.6 40.4 37.4 34.5 31.6 29.0 23.9 19.4	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1 17.0 15.0 14.0 15.0 14.0 15.0 14.0 15.0 14.0 15.0 14.0 15.0 14.0 15.0 14.0 6.6 8.8 8.0 8.6 5.4	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4 70.0 65.7 61.5 57.5 53.6 49.8 46.2 42.7 39.4 36.2 33.1 27.3 22.1	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7 19.4 18.2 17.1 16.0 14.9 13.8 12.8 11.9 10.9 10.0 9.2 7.6 6.2
(HP360AL) 308T-7M	127 121 114 108 105 102 98 95 92 89 86 83 79 76 67 3 70 64	139.661 126.677 114.326 102.608 91.524 86.219 81.073 76.085 71.256 66.584 62.072 57.717 53.521 49.483 45.604 41.883 83.320 31.669	0.4993 0.4549 0.4126 0.3724 0.2808 0.2808 0.2641 0.2478 0.2641 0.2478 0.2641 0.2478 0.2622 0.1880 0.1743 0.1612 0.1364 0.1248 0.1032	0.1387 0.1264 0.1146 0.0928 0.0928 0.0734 0.0688 0.0645 0.0645 0.0652 0.0552 0.0552 0.0484 0.0448 0.0413 0.0379 0.0347 0.0287	5630 6179 6812 7548 8410 9429 10009 10644 11342 12111 12960 13903 14952 16124 17439 18923 20604 22520 24821	49.9 45.5 41.3 37.2 33.4 29.8 28.1 26.4 24.8 23.2 21.7 20.2 18.8 17.4 16.1 14.9 13.6 12.5 10.3	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8 7.3 6.9 6.4 6.0 5.6 5.2 4.8 4.5 4.5 4.5 4.5 4.5 4.5 2.9	72.6 66.4 60.5 54.9 49.5 44.5 39.6 37.4 35.1 33.0 30.9 28.8 26.9 25.0 23.2 21.4 19.8 18.1 16.6 13.7	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4 9.8 9.2 8.6 8.0 7.5 6.9 6.4 6.0 5.5 5.0 4.6 3.8	90.6 82.9 75.5 68.5 55.5 49.5 46.6 43.8 41.1 38.5 36.0 33.6 31.2 28.9 26.8 24.7 22.6 20.7 17.1	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0 12.2 11.4 10.7 10.0 9.3 8.7 8.0 7.4 6.3 5.8 4.8	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9 52.6 49.3 46.2 43.2 40.2 37.4 34.7 32.1 29.6 27.1 24.8 20.5	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5 14.6 13.7 12.8 12.0 11.2 10.4 9.6 8.9 8.2 7.5 6.9 5.7	126.6 115.8 105.5 95.7 86.4 77.5 69.2 65.2 61.3 57.5 53.8 50.3 46.9 43.6 40.4 37.4 34.6 40.4 31.6 29.0 23.9	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1 17.0 16.0 15.0 14.0 13.0 12.1 11.2 10.4 9.6 8.8 8.0 6.6	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4 70.0 65.7 61.5 57.5 53.6 49.8 46.2 42.7 39.4 46.2 33.1 27.3	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7 19.4 18.2 17.1 16.0 14.9 13.8 12.8 11.9 10.0 9.2 7.6
(HP360AL) 3087-7M (HP360AM)	127 121 114 108 105 102 98 95 92 89 92 89 86 83 79 76 73 70 64 57	139.661 126.677 114.326 102.608 91.524 86.219 81.073 76.085 71.256 66.584 62.072 57.717 53.521 49.483 45.604 41.883 38.320 31.669 25.652	0.4993 0.4549 0.4126 0.3724 0.2981 0.2808 0.2641 0.2478 0.2321 0.2478 0.2321 0.2478 0.2321 0.2478 0.2022 0.17830 0.1612 0.1743 0.1612 0.1364 0.1364	0.1387 0.1264 0.1146 0.0928 0.0928 0.0780 0.0780 0.0645 0.0645 0.0603 0.0562 0.0562 0.0484 0.0448 0.0448 0.0443 0.0379 0.0347 0.0282	5630 6179 6812 7548 8410 9429 10009 10644 11342 12111 12960 13903 14952 16124 17439 18923 20604 22520 24821	49.9 45.5 41.3 37.2 33.4 29.8 28.1 26.4 24.8 23.2 21.7 20.2 18.8 17.4 16.1 14.9 13.6 12.5 10.3 8.4	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8 7.3 6.9 6.4 5.6 5.2 4.8 4.5 4.1 3.8 3.5 2.9 2.3	72.6 66.4 60.5 54.9 49.5 44.5 39.6 37.4 35.1 33.0 30.9 28.8 26.9 25.0 23.2 21.4 19.8 18.1 16.6 13.7 11.1	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4 9.8 9.2 8.6 8.0 7.5 6.9 6.4 6.0 5.5 5.0 4.6 3.8 3.1	90.6 82.9 75.5 68.5 61.8 55.5 49.5 46.6 43.8 41.1 38.5 36.0 33.6 31.2 28.9 26.8 24.7 22.6 20.7 17.1 13.9	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0 12.2 11.4 10.7 10.0 9.3 8.7 8.0 7.4 6.9 6.3 5.8 4.8 3.9	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9 52.6 49.3 46.2 43.2 40.2 37.4 34.7 32.1 29.6 27.1 24.8 20.5 16.6	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5 14.6 13.7 12.8 12.0 11.2 10.4 9.6 8.9 8.2 7.5 6.9 5.7 4.6	126.6 115.8 105.5 95.7 86.4 77.5 69.2 65.2 61.3 57.5 53.8 50.3 46.9 43.6 40.4 37.4 34.5 31.6 29.0 23.9 19.4	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1 17.0 15.0 14.0 15.0 14.0 15.0 14.0 15.0 14.0 15.0 14.0 15.0 14.0 15.0 14.0 6.6 8.8 8.0 8.6 5.4	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4 70.0 65.7 61.5 57.5 53.6 49.8 46.2 42.7 39.4 36.2 33.1 27.3 22.1	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7 19.4 18.2 17.1 16.0 14.9 13.8 12.8 11.9 10.9 10.0 9.2 7.6 6.2
(HP360AL) 308T-7M (HP360AM) 308T-7H	127 121 114 108 105 102 98 95 92 89 86 83 79 76 73 70 64 57 54	139.661 126.677 114.326 102.608 91.524 86.219 81.073 76.085 71.256 66.584 62.072 57.717 53.521 49.483 45.604 41.883 38.320 31.669 225.652 22.881	0.4993 0.4549 0.4126 0.3724 0.2981 0.2808 0.2641 0.2478 0.2321 0.2169 0.2022 0.1880 0.1743 0.1612 0.1485 0.1364 0.1364 0.1364 0.1032 0.0836 0.0745	0.1387 0.1264 0.1146 0.0928 0.0828 0.0780 0.0780 0.0688 0.0668 0.0668 0.0668 0.0663 0.0562 0.0522 0.0484 0.0448 0.0443 0.0379 0.0347 0.0282 0.0282 0.0222 0.0207	5630 6179 6812 7548 8410 9429 10009 10644 11342 12111 12960 13903 14952 16124 17439 18923 20604 22520 24821 24821 37715	49.9 45.5 41.3 37.2 33.4 29.8 28.1 26.4 24.8 23.2 21.7 20.2 18.8 17.4 16.1 14.9 13.6 12.5 10.3 8.4 7.5	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8 7.3 6.9 6.4 6.0 5.6 5.2 4.8 4.5 4.1 3.8 3.5 2.9 2.3 2.1	72.6 66.4 60.5 54.9 39.6 37.4 35.0 30.9 28.8 26.9 25.0 23.2 21.4 19.8 18.1 16.6 13.7 11.1 9.9	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4 9.2 8.6 8.0 7.5 6.9 6.4 6.0 5.5 5.0 4.6 3.8 3.1 2.8	90.6 82.9 75.5 68.5 61.8 55.5 49.5 46.6 43.8 55.5 49.5 46.6 43.8 53.6 0 33.6 31.2 28.9 26.8 24.7 22.6 20.7 17.1 13.9 12.4	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0 12.2 11.4 10.7 10.0 9.3 8.7 8.0 7.4 6.9 6.3 5.8 4.8 3.9 3.4	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9 52.6 49.3 46.2 43.2 40.2 37.4 34.7 32.1 29.6 27.1 24.8 20.5 16.6 14.8	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5 14.6 13.7 12.8 12.0 11.2 10.4 9.6 8.9 8.2 7.5 6.9 8.2 7.5 6.7 4.6 4.1	126.6 115.8 105.5 95.7 86.4 77.5 69.2 65.2 61.3 57.5 53.8 50.3 46.9 43.6 40.4 37.4 34.5 31.6 29.0 23.9 19.4 17.3	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1 17.0 15.0 14.0 15.0 14.0 12.1 11.2 10.4 9.6 8.8 8.0 6.6 5.4 4.8	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4 70.0 65.7 61.5 57.5 53.6 49.8 46.2 42.7 39.4 36.2 33.1 27.3 22.1 19.7	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7 19.4 18.2 17.1 16.0 14.9 13.8 12.8 11.9 10.0 9.2 7.6 6.2 5.5
(HP360AL) 308T-7M (HP360AM) 308T-7H	127 121 114 108 105 102 98 95 92 89 86 83 79 76 73 70 64 57 54 51	139.661 126.677 114.326 91.524 86.219 81.073 76.085 71.256 66.584 62.072 57.717 53.521 49.63 45.604 41.883 38.320 31.669 25.652 22.881 20.268	0.4993 0.4549 0.4126 0.3724 0.2981 0.2808 0.2641 0.2478 0.2321 0.2169 0.2022 0.1880 0.1743 0.1612 0.1485 0.1364 0.1248 0.1032 0.0836	0.1387 0.1264 0.1146 0.0928 0.0828 0.0780 0.0734 0.0648 0.0643 0.0603 0.0562 0.0522 0.0484 0.0413 0.0379 0.0347 0.0287 0.0287 0.0227 0.0183	5630 6179 6812 7548 8410 9429 10009 10644 11342 12111 12960 13903 14952 16124 17439 18923 20604 22520 24821 24821 24821 37715	49.9 45.5 41.3 37.2 33.4 29.8 28.1 26.4 24.8 23.2 21.7 20.2 20.2 21.7 20.2 20.2 21.7 20.2 20.2 20.2 20.2 20.2 20.2 20.2 20	15.2 13.9 12.6 11.5 10.3 9.3 8.3 7.8 7.3 7.8 7.3 6.9 6.4 6.4 6.0 5.6 5.2 4.8 4.5 4.1 3.8 3.5 2.9 2.3 2.1 1.8	72.6 66.4 60.5 54.9 44.5 39.6 37.4 35.1 33.0 9.9 28.8 26.9 25.0 23.2 21.4 19.8 18.1 16.6 13.7 11.1 9.9 8.8	20.2 18.4 16.8 15.2 13.8 12.3 11.0 10.4 9.8 9.2 8.6 8.0 7.5 6.9 6.4 6.0 5.5 5.0 4.6 3.8 3.1 2.8 2.4	90.6 82.9 75.5 61.8 55.5 49.5 46.6 43.8 41.1 38.5 36.0 33.6 31.2 28.9 26.8 24.7 22.6 20.7 17.1 13.9 12.4 11.0	25.2 23.0 21.0 19.0 17.2 15.4 13.7 13.0 12.2 11.4 10.7 10.0 9.3 8.7 8.0 7.4 6.9 6.3 5.8 4.8 3.9 3.4 3.0	108.6 99.4 90.5 82.1 74.1 66.5 59.3 55.9 52.6 49.3 46.2 43.2 40.2 37.4 40.2 37.4 34.7 32.1 29.6 27.1 24.8 20.5 16.6 14.8 13.1	30.2 27.6 25.1 22.8 20.6 18.5 16.5 15.5 14.6 13.7 12.8 12.0 11.2 10.4 9.6 8.9 8.2 7.5 6.9 5.7 4.6 4.1 3.6	126.6 115.8 105.5 95.7 86.4 77.5 69.2 65.2 61.3 57.5 53.8 50.3 46.9 43.6 40.4 40.4 37.4 34.5 31.6 29.0 23.9 19.4 17.3 15.3	35.2 32.2 29.3 26.6 24.0 21.5 19.2 18.1 17.0 15.0 14.0 13.0 12.1 11.2 10.4 9.6 8.8 8.0 6.6 5.4 4.8 4.3	144.6 132.3 120.5 109.3 98.7 88.6 79.0 74.4 70.0 61.5 57.5 53.6 49.8 46.2 33.1 27.3 22.1 19.7 17.5	40.2 36.8 33.5 30.4 27.4 24.6 21.9 20.7 19.4 18.2 17.1 16.0 14.9 13.8 12.8 11.9 10.9 10.0 9.2 7.6 6.2 5.5 4.9

Kilowatts Required

Volumetric Rate is based on 100% Volumetric Efficiency. Brake Horsepower/Kilowatts Required is based on 90% Mechanical Efficiency. *Operation below 150 RPM requires an "optional" externally-mounted auxillary lubrication system.

116

145

173

201

87

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