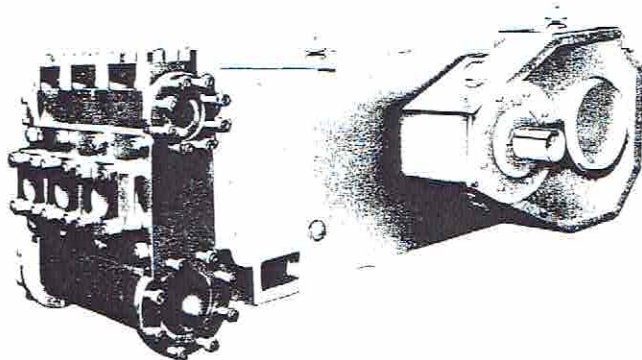


202T-6

Triplex Plunger Pump

Formerly identified as Models A336-H and A346-H



Specifications

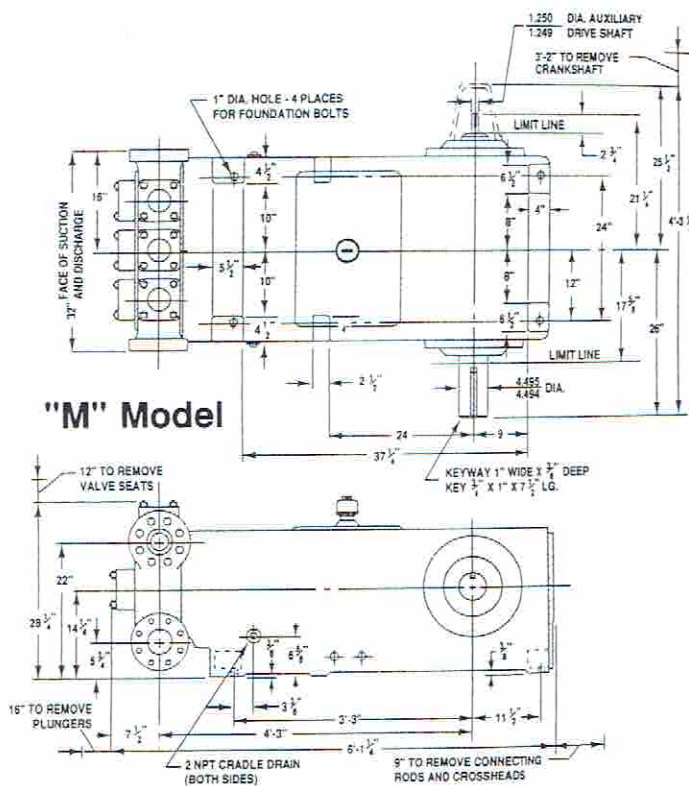
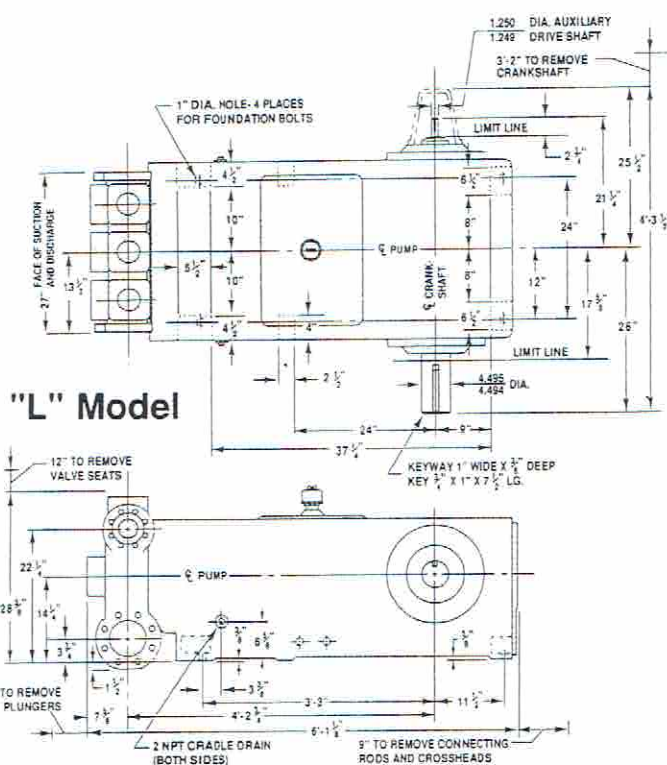
Pump size (max. plunger dia. x stroke) in.(mm)	4 1/4 x 6 (107.9 x 152.4)
Rated bhp at 320 rpm (kW)	202 (150.58)
Rated plunger load pounds (Kg)	12,500 (5670)
Maximum working pressure: psi(kPa)	
Discharge	3180 (21925)
Suction	275 (1896)
Crankshaft extension	
Diameter	4.495 (114.17)
Length	8 3/8 (212.73)
Keyway (width x depth)	1 x 3/8 (25.4 x 9.53)
Pinion shaft extension: in.(mm)	
Diameter	3.438 (87.33)
Length	7 3/8 (187.33)
Keyway (width x depth)	7/8 x 7/16 (22.23 x 10.67)
Accessory gear reduction units	1.59:1, 1.78:1, 2.487:1, 3.12:1, 4.44:1, 5.48:1 ratios
Oil capacity: gallons(L)	
Crankcase	34 (128.7)
Weight, Pump only (on wood shipping skids) pounds(Kg)	3952 (1792.60)

For additional details,
request Bulletin 177.

Field connections* in.(mm)

Pump Type	Discharge Connection Size	Suction Connection Size
202T-6L	3 (76.2) ANSI-600 L.R.	6 (152.4) ANSI-150 F.F.
202T-6M	2 1/2 (63.5) ANSI-1500 L.R.	4 (101.6) ANSI-150 F.F.

*Flange sizes and pressure ratings may vary with special cylinder designs.



Continuous duty performance data (Volumes indicated are displacement of incompressible fluid)

English units

	Pigr. Dia. In.	Pigr. Area (Sq. In.)	GPM per RPM	BPD per RPM	Max. Pres. PSI	100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		320 RPM	
						BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM
202T-6L (Formerly A346 H)			5508	18.88	1500	1888	55.08	2833	82.62	3777	110.16	4721	137.70	5665	165.24	6043	176.26
	3	7.0686	5977	20.49	1500	2049	59.77	3074	89.65	4098	119.53	5123	149.41	6147	179.30	6557	191.25
	3 1/8	7.6699	6464	22.16	1500	2216	64.64	3324	96.96	4433	129.28	5541	161.61	6649	193.93	7092	206.86
	3 1/4	8.2958	6971	23.90	1397	2390	69.71	3585	104.57	4780	139.42	5975	174.28	7170	209.13	7648	223.07
	3 3/8	8.9462	7497	25.70	1299	2570	74.97	3856	112.45	5141	149.94	6426	187.42	7711	224.91	8225	239.90
	3 1/2	9.6211	8042	27.57	1211	2757	80.42	4136	120.63	5515	160.84	6893	201.05	8272	241.26	8823	257.35
	3 5/8	10.3206	8606	29.51	1132	2951	86.06	4426	129.09	5901	172.12	7377	215.16	8852	258.19	9442	275.40
	3 3/4	11.0447	9190	31.51	1060	3151	91.90	4726	137.84	6301	183.79	7877	229.74	9452	275.69	10082	294.07
	3 7/8	11.7932	9792	33.57	995	3357	97.92	5036	146.88	6714	195.84	8393	244.80	10072	293.76	10743	313.34
	4	12.5664	10414	35.70	935	3570	104.14	5356	156.20	7141	208.27	8926	260.34	10711	312.41	11425	333.23
202T-6M (Formerly A336 H)	4 1/8	13.3640	11054	37.90	881	3790	110.54	5685	165.81	7580	221.08	9475	276.36	11370	331.63	12128	353.74
	4 1/4	14.1863															
	2	3.1416	2448	8.39	3180	840	24.48	1259	36.72	1679	48.96	2099	61.20	2519	73.44	2687	78.34
	2 1/8	4.9087	3825	13.11	2546	1311	38.25	1967	57.37	2623	76.50	3279	95.62	3934	114.75	4197	122.40
	2 1/4	5.4119	4217	14.46	2310	1446	42.17	2169	63.26	2892	84.34	3615	105.43	4338	126.51	4627	134.95
	2 3/8	5.9396	4628	15.89	2105	1587	46.28	2380	69.42	3174	92.56	3967	115.71	4760	138.85	5078	148.10
	2 1/2	6.4918	5059	17.34	1926	1734	50.59	2602	75.88	3469	101.17	4336	126.46	5203	151.76	5550	161.87
	2 5/8	7.0686	5508	18.88	1768	1888	55.08	2833	82.62	3777	110.16	4721	137.70	5665	165.24	6043	176.26
	3																
Brake Horsepower Required						63		95		126		158		189		202	

Metric units

	Pigr. Dia. mm.	Pigr. Area (cm²)	L/Min. per RPM	M³/D per RPM	Max. Pres. kPa	100 RPM		150 RPM		200 RPM		250 RPM		300 RPM		320 RPM	
						M³/D	L/Min.	M³/D	L/Min.	M³/D	L/Min.	M³/D	L/Min.	M³/D	L/Min.	M³/D	L/Min.
202T-6L (Formerly A346 H)	76	45.6037	2.0850	3.00	10342	300	208.50	450	312.75	600	417.00	751	521.25	901	625.50	961	667.21
	79	49.4832	2.2624	3.26	10342	326	226.25	489	339.36	652	452.47	814	565.58	977	678.72	1042	723.96
	83	53.5210	2.4470	3.52	10342	352	244.69	529	367.03	705	489.38	881	611.76	1057	734.10	1128	783.05
	86	57.7171	2.6388	3.80	9634	380	263.88	570	395.84	760	527.76	950	659.72	1140	791.64	1216	844.41
	89	62.0717	2.8379	4.09	8958	409	283.79	613	425.67	817	567.58	1022	709.46	1226	851.37	1308	908.12
	92	66.5845	3.0442	4.38	8351	438	304.42	658	456.63	877	608.84	1096	761.05	1315	913.27	1403	974.17
	95	71.2557	3.2578	4.69	7803	469	325.77	704	488.66	938	651.54	1173	814.47	1407	977.35	1501	1042.50
	98	76.0853	3.4786	5.01	7308	501	347.88	751	521.78	1002	695.72	1252	869.66	1503	1043.60	1603	1113.17
	102	81.0732	3.7067	5.34	6858	534	370.67	801	556.00	1068	741.33	1334	926.67	1601	1112.00	1708	1186.12
	105	86.2194	3.9420	5.68	6449	568	394.21	851	591.28	1135	788.39	1419	985.49	1703	1182.60	1816	1261.41
202T-6M (Formerly A336 H)	108	91.5240	4.1845	6.03	6075	603	418.44	904	627.66	1205	836.88	1506	1046.13	1808	1255.35	1928	1339.05
	51	20.2683	.9267	1.33	21925	133	92.40	200	139.20	267	185.40	334	231.60	400	277.80	427	296.40
	64	31.6692	1.4479	2.08	17557	208	144.79	313	217.17	417	289.58	521	361.96	625	434.37	667	463.33
	67	34.9153	1.5963	2.30	15925	230	159.63	345	239.46	460	319.26	575	399.09	690	478.89	736	510.84
	70	38.3198	1.7520	2.52	14510	252	175.19	378	262.78	505	350.38	631	438.01	757	525.60	807	560.62
	73	41.8825	1.9149	2.76	13276	276	191.50	414	287.24	551	382.97	689	478.70	827	574.47	882	612.74
	76	45.6037	2.0850	3.00	12193	300	208.50	450	312.75	600	417.00	751	521.25	901	625.50	961	667.21
Kilowatts Required						47		71		94		118		141		151	

Volume is based on 100% volumetric efficiency. Brake horsepower based on 90% mechanical efficiency.