FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
250 GPM	40	92	15	2950	13	43	3-481-10
	45	104	15	2950	16	49	3-481-10
	50	115	20	2950	19	54	3-481-10
	51	118	15	2950	13	62	2.5-481-10B
	55	127	15	2950	15	66	2.5-481-10B
			20	2950	21	59	3-481-10
	60	139	15	2950	17	70	2.5-481-10B
			25	2950	24	64	3-481-10
	65	150	20	2950	18	74	2.5-481-10B
			25	2950	27	66	3-481-10
	70	162	20	2950	20	78	2.5-481-10B
			30	2950	30	72	3-481-10
	75	173	20	2950	21	83	2.5-481-10B
			30	2950	33	78	3-481-10
	80	185	25	2950	24	88	2.5-481-10B
			40	2950	36	84	3-481-10
	85	196	25	2950	26	94	2.5-481-10B
			40	2950	39	88	3-481-10
	90	208	25	2950	28	98	2.5-481-10B
			40	2950	42	94	3-481-10
	95	219	30	2950	31	103	2.5-481-10B
			40	2950	44	99	3-481-10
	100	231	30	2950	33	108	2.5-481-10B
			40	2950	46	101	3-481-10
	105	242	30	2950	34	112	2.5-481-10B
			50	2950	50	106	3-481-10
	110	254	40	2950	37	116	2.5-481-10B
	111	256	40	2950	38	117	2.5-481-10B
	115	265	40	2950	39	121	2.5-481-10B
			50	2950	52	116	3-481-10
	120	277	50	2950	54	123	3-481-10

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
400 GPM	120	277	75	2950	84	128	5-481-15A
	125	289	100	2950	89	133	5-481-15A
	130	300	100	2950	94	138	5-481-15A
	135	312	100	2950	98	143	5-481-15A
	140	323	100	2950	104	148	5-481-15A
	145	335	100	2950	109	154	5-481-15A
	150	347	125	2950	115	159	5-481-15A
	155	358	125	2950	120	164	5-481-15A
	160	370	125	2950	124	170	5-481-15A
	165	381	125	2950	130	175	5-481-15A
	170	393	125	2950	136	180	5-481-15A
	175	404	150	2950	142	185	5-481-15A
	180	416	150	2950	148	191	5-481-15A
	185	427	150	2950	155	196	5-481-15A
	190	439	150	2950	161	201	5-481-15A
	195	450	150	2950	166	206	5-481-15A
	200	462	150	2950	167	211	5-481-15A
	205	474	150	2950	168	217	5-481-15A
	210	485	200	2950	173	222	5-481-15A
	215	497	200	2950	179	227	5-481-15A
	220	508	200	2950	185	232	5-481-15A
	225	520	200	2950	192	238	5-481-15A
	230	531	200	2950	198	243	5-481-15A
	235	543	200	2950	204	248	5-481-15A
	240	554	200	2950	211	253	5-481-15A
	245	566	200	2950	218	259	5-481-15A
	250	578	250	2950	227	264	5-481-15A
	255	589	250	2950	249	271	5-481-15A
	260	601	250	2950	258	276	5-481-15A
	265	612	250	2950	265	281	5-481-15A
	270	624	250	2950	273	287	5-481-15A
	271	626	250	2950	274	288	5-481-15A

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
450 GPM	119	275	75	2950	84	128	5-481-15A
	120	277	100	2950	85	129	5-481-15A
	125	289	100	2950	90	134	5-481-15A
	130	300	100	2950	96	140	5-481-15A
	135	312	100	2950	99	144	5-481-15A
	140	323	100	2950	105	150	5-481-15A
	145	335	100	2950	110	155	5-481-15A
	150	347	125	2950	116	160	5-481-15A
	155	358	125	2950	122	165	5-481-15A
	160	370	125	2950	126	171	5-481-15A
	165	381	125	2950	132	176	5-481-15A
	170	393	125	2950	138	181	5-481-15A
	175	404	150	2950	144	187	5-481-15A
	180	416	150	2950	150	192	5-481-15A
	185	427	150	2950	156	197	5-481-15A
	190	439	150	2950	163	203	5-481-15A
	195	450	150	2950	167	208	5-481-15A
	200	462	150	2950	166	213	5-481-15A
	205	474	200	2950	169	218	5-481-15A
	210	485	200	2950	174	223	5-481-15A
	215	497	200	2950	181	228	5-481-15A
	220	508	200	2950	187	234	5-481-15A
	225	520	200	2950	193	239	5-481-15A
	230	531	200	2950	200	244	5-481-15A
	235	543	200	2950	206	250	5-481-15A
	240	554	200	2950	213	255	5-481-15A
	245	566	200	2950	220	260	5-481-15A
	250	578	250	2950	234	266	5-481-15A
	255	589	250	2950	253	272	5-481-15A
	260	601	250	2950	260	278	5-481-15A
	265	612	250	2950	268	283	5-481-15A
	269	621	250	2950	274	287	5-481-15A

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
500 GPM	55	127	25	2950	28	62	4-481-11C
	60	139	30	2950	35	67	4-481-11C
	61	141	30	2950	32	69	4-481-11D
	65	150	30	2950	34	72	4-481-11D
	68	157	40	1480	40	77	5-485-15
	70	162	40	1480	43	80	5-485-15
			40	2950	37	78	4-481-11D
	75	173	40	1480	46	84	5-485-15
			40	2950	40	82	4-481-11D
	80	185	50	1480	48	87	5-485-15
			40	2950	44	86	4-481-11D
	83	192	40	2980	43	88	4-471-10C
	85	196	50	1480	51	91	5-485-15
			50	2950	47	91	4-481-11D
			40	2980	44	91	4-471-10C
	90	208	50	1480	54	95	5-485-15
			50	2950	50	95	4-481-11D
			50	2980	47	96	4-471-10C
	95	219	60	1480	58	100	5-485-15
			50	2950	54	102	4-481-11D
			50	2980	50	102	4-471-10C
	100	231	60	1480	62	105	5-485-15
			50	2950	57	108	4-481-11D
			50	2980	53	108	4-471-10C
	105	242	60	1480	65	110	5-485-15
			60	2950	61	112	4-481-11D
			50	2980	57	113	4-471-10C
	110	254	75	1480	70	115	5-485-15
			60	2950	65	117	4-481-11D
			60	2980	61	118	4-471-10C
	115	266	75	1480	74	120	5-485-15
			60	2950	68	123	4-481-11D
			60	2980	65	123	4-471-10C
	118	273	75	2950	84	128	5-481-15A
	120	277	75	1480	78	125	5-485-15
			75	2950	71	126	4-481-11D
			100	2950	86	130	5-481-15A
			60	2980	69	128	4-471-10C
	125	289	75	1480	81	129	5-485-15
			75	2950	76	133	4-481-11D
			100	2950	92	136	5-481-15A
			75	2980	74	133	4-471-10C
	130	300	75	1480	84	134	5-485-15
			75	2950	80	139	4-481-11D
			100	2950	97	141	5-481-15A
			75	2980	79	138	4-471-10C
	134	310	100	1480	87	138	5-485-15
			75	2950	83	143	4-481-11D
	135	312	100	2950	101	146	5-481-15A
			75	2980	84	143	4-471-10C
	140	323	100	1480	94	143	5-485-15
			100	2950	106	151	5-481-15A
			100	2980	89	150	4-471-10C
	143	330	100	2980	92	150	4-471-10C
	145	335	100	2950	112	156	5-481-15A
			150	2960	153	148	5-471-12B
	150	347	125	2950	118	162	5-481-15A
			150	2960	159	153	5-471-12B
	155	358	125	2950	123	167	5-481-15A
			150	2960	166	157	5-471-12B
	157	363	100	2950	104	175	6-491-12A

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
500 GPM	160	369	100	2950	110	180	6-491-12A
			125	2950	127	172	5-481-15A
			200	2960	173	162	5-471-12B
	165	381	100	2950	112	185	6-491-12A
			125	2950	133	177	5-481-15A
			200	2960	180	167	5-471-12B
	170	392	125	2950	116	190	6-491-12A
			125	2950	139	183	5-481-15A
			200	2960	187	173	5-471-12B
	175	404	125	2950	119	194	6-491-12A
			150	2950	146	188	5-481-15A
			200	2960	195	178	5-471-12B
	180	415	125	2950	122	199	6-491-12A
			150	2950	152	193	5-481-15A
			200	2960	201	182	5-471-12B
	185	427	125	2950	126	204	6-491-12A
			150	2950	158	199	5-481-15A
			200	2960	209	187	5-471-12B
	188	434	125	2950	130	204	6-491-12A
	190	439	125	2950	133	208	6-491-12A
			150	2950	164	204	5-481-15A
			200	2960	218	193	5-471-12B
	195	450	100	2950	109	250	5-485-12
			150	2950	167	209	5-481-15A
			200	2960	224	197	5-471-12B
	200	462	100	2950	112	256	5-485-12
			150	2950	166	214	5-481-15A
			250	2960	233	203	5-471-12B
	205	473	100	2950	115	261	5-485-12
			200	2950	170	219	5-481-15A
			250	2960	240	207	5-471-12B
	210	485	125	2950	119	267	5-485-12
			200	2950	176	225	5-481-15A
			250	2960	249	213	5-471-12B
	215	497	125	2950	123	272	5-485-12
			200	2950	182	230	5-481-15A
	220	508	200	2950	189	235	5-481-15A
	225	520	125	2950	125	286	5-485-12
			200	2950	195	241	5-481-15A
	230	531	200	2950	202	246	5-481-15A
	235	543	125	2950	142	297	5-485-12
			200	2950	208	251	5-481-15A
	240	554	200	2950	215	257	5-481-15A
	243	562	250	2950	261	255	6-485-16
	245	566	150	2950	146	302	5-485-12
			250	2950	263	258	6-485-16
			200	2950	222	262	5-481-15A
	250	578	250	2950	267	263	6-485-16
			250	2950	241	268	5-481-15A
	255	589	150	2950	157	315	5-485-12
			250	2950	272	268	6-485-16
			250	2950	255	274	5-481-15A
	260	602	250	2950	277	273	6-485-16
			250	2950	262	279	5-481-15A
	265	612	150	2950	164	320	5-485-12
			250	2950	281	279	6-485-16
			250	2950	270	285	5-481-15A
	267	617	250	2950	273	287	5-481-15A
	270	623	250	2950	284	286	6-485-16
	275	635	150	2950	170	333	5-485-12
			250	2950	285	291	6-485-16

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
500 GPM	280	648	250	2950	287	294	6-485-16
	285	658	200	2950	176	340	5-485-12
			300	2950	295	300	6-485-16
	290	670	300	2950	302	305	6-485-16
	295	681	200	2950	182	350	5-485-12
			300	2950	307	310	6-485-16
	300	692	300	2950	312	314	6-485-16
	305	704	200	2950	189	360	5-485-12
			300	2950	316	318	6-485-16
	310	716	300	2950	320	321	6-485-16
	315	728	200	2950	197	370	5-485-12
			300	2950	323	325	6-485-16
	320	739	200	2950	210	375	5-485-12
			300	2950	327	333	6-485-16
	325	751	300	2950	331	340	6-485-16
	330	761	300	2950	335	347	6-485-16
	335	773	300	2950	338	353	6-485-16
	340	785	300	2950	342	359	6-485-16
	345	796	300	2950	345	363	6-485-16
	350	808	350	2950	353	369	6-485-16
	355	819	350	2950	360	373	6-485-16
	360	831	350	2950	367	378	6-485-16
	365	843	350	2950	372	382	6-485-16
	370	855	350	2950	377	385	6-485-16
	375	867	350	2950	382	395	6-485-16
	380	879	350	2950	387	400	6-485-16
	385	889	350	2950	396	405	6-485-16
	390	900	350	2950	400	409	6-485-16
	395	913	350	2950	401	413	6-485-16
	400	924	350	2950	402	418	6-485-16
	405	936	400	2950	410	425	6-485-16
	410	947	400	2950	418	430	6-485-16
	415	959	400	2950	426	435	6-485-16
	420	970	400	2950	431	440	6-485-16
	425	982	400	2950	436	444	6-485-16
	430	994	400	2950	442	448	6-485-16
	431	996	400	2950	443	449	6-485-16

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
750 GPM	66	153	40	2950	46	88	4-491-8A
	70	162	50	2950	52	91	4-491-8A
	80	185	50	1480	58	89	6-485-17A
	85	196	60	1480	64	94	6-485-17A
	90	208	60	1480	69	99	6-485-17A
	95	219	75	1480	76	104	6-485-17A
	96	222	75	2950	72	115	4-491-11A
	100	231	75	1480	82	109	6-485-17A
			75	2950	74	120	4-491-11A
			75	2960	73	115	4-471-10B
	105	242	100	1480	88	114	6-485-17A
			75	2950	84	124	4-491-11A
			75	2950	82	118	5-481-11C
			75	2960	78	120	4-471-10B
			100	2960	94	109	5-471-12C
	110	254	100	1480	94	118	6-485-17A
			100	2950	87	129	4-491-11A
			75	2950	86	125	5-481-11C
			75	2960	83	125	4-471-10B
			100	2960	99	113	5-471-12C
	113	261	100	2950	87	131	5-481-15A
	115	265	100	1480	100	123	6-485-17A
			100	2950	90	136	4-491-11A
			100	2950	94	130	5-481-11C
			100	2950	90	134	5-481-15A
			100	2960	88	129	4-471-10B
			100	2960	105	118	5-471-12C
	120	277	100	1480	106	128	6-485-17A
			100	2950	94	140	4-491-11A
			100	2950	97	135	5-481-11C
			100	2950	96	139	5-481-15A
			100	2960	94	134	4-471-10B
			100	2960	111	122	5-471-12C
	123	284	75	2950	86	152	4-491-11C
	125	289	100	1480	112	133	6-485-17A
			100	2950	97	145	4-491-11A
			100	2950	88	154	4-491-11C
			100	2950	103	137	5-481-11C
			100	2950	98	143	5-481-15A
			100	2960	100	139	4-471-10B
			125	2960	117	126	5-471-12C
	130	300	125	1480	118	137	6-485-17A
			100	2950	101	150	4-491-11A
			100	2950	94	159	4-491-11C
			100	2950	107	141	5-481-11C
			100	2950	103	148	5-481-15A
			100	2960	106	144	4-471-10B
			125	2960	123	131	5-471-12C
	133	307	100	2950	98	164	4-491-11C
	135	312	125	1480	124	142	6-485-17A
			100	2950	104	155	4-491-11A
			100	2950	100	164	4-491-11C
			100	2950	115	145	5-481-11C
			100	2950	109	154	5-481-15A
	140	323	125	1480	130	147	6-485-17A
			100	2950	107	160	4-491-11A
			100	2950	103	169	4-491-11C
			125	2950	119	150	5-481-11C
			125	2950	116	160	5-481-15A
			150	2960	150	145	5-471-12B
	142	328	125	2950	118	180	6-491-12A

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
750 GPM	145	335	125	1480	137	151	6-485-17A
			100	2950	112	164	4-491-11A
			125	2950	128	154	5-481-11C
			125	2950	121	185	6-491-12A
			125	2950	122	165	5-481-15A
			150	2960	156	150	5-471-12B
	148	342	125	2950	116	164	4-491-11A
	149	344	125	2950	120	165	4-491-11A
			125	2950	136	156	5-481-11C
	150	347	125	1480	143	156	6-485-17A
			125	2950	125	166	4-491-11A
			125	2950	138	158	5-481-11C
			125	2950	123	190	6-491-12A
			125	2950	124	169	5-481-15A
			150	2960	162	155	5-471-12B
	154	356	125	2950	143	162	5-481-11C
	155	358	150	1480	150	161	6-485-17A
			125	2950	126	196	6-491-12A
			125	2950	131	175	5-481-15A
			150	2960	169	160	5-471-12B
	160	369	150	1480	156	166	6-485-17A
			125	2950	129	201	6-491-12A
			125	2950	137	181	5-481-15A
			200	2960	176	165	5-471-12B
	165	381	150	1480	163	171	6-485-17A
			125	2950	133	205	6-491-12A
			150	2950	143	186	5-481-15A
			200	2960	184	170	5-471-12B
	170	392	150	1480	168	176	6-485-17A
			125	2950	136	209	6-491-12A
			150	2950	150	192	5-481-15A
			200	2960	191	175	5-471-12B
	175	404	200	1480	176	181	6-485-17A
			125	2950	139	213	6-491-12A
			150	2950	156	197	5-481-15A
			200	2960	199	181	5-471-12B
	180	416	150	2950	163	203	5-481-15A
			200	2960	205	185	5-471-12B
	185	427	150	2950	167	208	5-481-15A
			200	2960	213	190	5-471-12B
	190	439	150	2950	166	212	5-481-15A
			200	2960	222	196	5-471-12B
	195	450	150	2950	168	217	5-481-15A
			200	2960	229	200	5-471-12B
	196	453	150	2950	152	269	6-485-12
	200	462	150	2950	154	274	6-485-12
			200	2950	173	222	5-481-15A
			250	2960	238	206	5-471-12B
	205	474	200	2950	180	228	5-481-15A
			250	2960	245	210	5-471-12B
	206	474	150	2950	156	278	6-485-12
	208	476	150	2950	158	280	6-485-12
	210	485	150	2950	160	282	6-485-12
	210	485	200	2950	187	233	5-481-15A
	210	485	250	2960	254	216	5-471-12B
	215	497	150	2950	162	286	6-485-12
	215	497	200	2950	193	239	5-481-15A
	220	508	150	2950	164	290	6-485-12
	220	508	200	2950	200	244	5-481-15A
	225	520	150	2950	167	294	6-485-12
	225	520	200	2950	207	250	5-481-15A

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
750 GPM	230	531	200	2950	174	298	6-485-12
			200	2950	214	256	5-481-15A
	235	543	200	2950	180	302	6-485-12
			200	2950	221	261	5-481-15A
	237	548	250	2950	282	264	6-485-16
	240	554	200	2950	186	306	6-485-12
			250	2950	286	268	6-485-16
			250	2950	235	266	5-481-15A
	245	556	200	2950	192	310	6-485-12
			300	2950	290	273	6-485-16
			250	2950	251	272	5-481-15A
	247	571	250	2950	253	268	6-485-16B
	250	578	300	2950	295	278	6-485-16
			250	2950	256	270	6-485-16B
			250	2950	259	277	5-481-15A
	255	589	200	2950	200	318	6-485-12
			300	2950	301	283	6-485-16
			250	2950	261	275	6-485-16B
			250	2950	267	283	5-481-15A
	257	594	250	2950	270	285	5-481-15A
	260	602	300	2950	306	288	6-485-16
			250	2950	266	280	6-485-16B
	265	612	200	2950	212	325	6-485-12
			300	2950	312	292	6-485-16
			250	2950	271	285	6-485-16B
	270	623	300	2950	317	297	6-485-16
			250	2950	276	290	6-485-16B
	275	635	200	2950	219	333	6-485-12
			300	2950	323	302	6-485-16
			250	2950	282	295	6-485-16B
	280	648	300	2950	328	308	6-485-16
			250	2950	287	300	6-485-16B
	285	658	200	2950	227	341	6-485-12
			300	2950	333	314	6-485-16
			300	2950	289	305	6-485-16B
	290	670	300	2950	339	320	6-485-16
			300	2950	297	310	6-485-16B
	295	681	250	2950	238	349	6-485-12
			300	2950	344	323	6-485-16
			300	2950	303	315	6-485-16B
	300	692	350	2950	350	326	6-485-16
			300	2950	309	320	6-485-16B
	305	704	250	2950	250	356	6-485-12
			350	2950	355	332	6-485-16
			300	2950	315	325	6-485-16B
	310	716	250	2950	257	360	6-485-12
			350	2950	360	337	6-485-16
			300	2950	321	330	6-485-16B
	315	728	250	2950	263	364	6-485-12
			350	2950	366	341	6-485-16
			300	2950	327	335	6-485-16B
	320	739	250	2950	270	368	6-485-12
			350	2950	378	355	6-485-16
			300	2950	332	340	6-485-16B
	325	751	250	2950	276	372	6-485-12
			350	2950	380	358	6-485-16
			300	2950	338	345	6-485-16B
	330	762	250	2950	283	376	6-485-12
			350	2950	383	360	6-485-16
			300	2950	344	350	6-485-16B

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
750 GPM	335	773	300	2950	290	380	6-485-12
			350	2950	389	364	6-485-16
			350	2950	350	355	6-485-16B
	340	785	350	2950	394	369	6-485-16
			350	2950	356	360	6-485-16B
	345	796	350	2950	400	377	6-485-16
			350	2950	362	365	6-485-16B
	350	808	400	2950	406	382	6-485-16
			350	2950	368	370	6-485-16B
	355	819	400	2950	412	387	6-485-16
			350	2950	374	375	6-485-16B
	360	831	400	2950	417	395	6-485-16
			350	2950	380	380	6-485-16B
	365	843	400	2950	423	400	6-485-16
			350	2950	386	385	6-485-16B
	368	849	350	2950	388	390	6-485-16B
	370	855	400	2950	429	403	6-485-16
			350	2950	390	395	6-485-16B
	375	867	400	2950	434	406	6-485-16
			350	2950	394	400	6-485-16B
	380	879	400	2950	447	410	6-485-16
			350	2950	400	405	6-485-16B
	385	889	400	2950	453	414	6-485-16
			400	2950	406	410	6-485-16B
	390	900	400	2950	459	418	6-485-16
			400	2950	411	415	6-485-16B
	395	913	450	2950	466	421	6-485-16
			400	2950	417	420	6-485-16B
	400	924	450	2950	472	425	6-485-16
			400	2950	422	425	6-485-16B
	405	936	450	2950	478	428	6-485-16
			400	2950	428	430	6-485-16B
	410	947	450	2950	484	431	6-485-16
			400	2950	433	435	6-485-16B
	415	959	450	2950	490	438	6-485-16
			400	2950	439	440	6-485-16B
	420	970	450	2950	496	440	6-485-16
			400	2950	445	445	6-485-16B
	421	973	450	2950	497	445	6-485-16
	425	980	400	2950	451	450	6-485-16B
	430	992	400	2950	454	455	6-485-16B
	435	1004	400	2950	460	460	6-485-16B

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
1000 GPM	81	187	100	1480	108	85	6-481-18C
	85	196	100	1480	115	90	6-481-18C
	90	208	125	1480	122	94	6-481-18C
	93	215	100	2950	90	100	6-481-11HH
	95	219	125	1480	129	99	6-481-18C
			100	2950	92	105	6-481-11HH
			100	2960	92	108	5-471-12C
	97	224	75	2950	84	112	5-481-11C
	100	231	125	1480	136	104	6-481-18C
			75	2950	86	121	5-481-11C
			100	2950	99	109	6-481-11HH
			100	2960	97	112	5-471-12C
	102	236	100	2950	108	117	6-481-14HH
	103	238	100	2950	89	132	5-481-15A
	105	242	125	1480	143	110	6-481-18C
			100	2950	90	123	5-481-11C
			100	2950	105	113	6-481-11HH
			100	2950	113	121	6-481-14HH
			100	2950	91	135	5-481-15A
			100	2960	103	116	5-471-12C
	108	250	150	1480	147	112	6-481-18C
	110	254	100	2950	98	126	5-481-11C
			100	2950	112	117	6-481-11HH
			125	2950	117	125	6-481-14HH
			100	2950	97	141	5-481-15A
			100	2960	109	121	5-471-12C
	115	265	100	2950	102	132	5-481-11C
			100	2950	115	122	6-481-11HH
			125	2950	123	130	6-481-14HH
			100	2950	99	143	5-481-15A
			100	2960	114	124	5-471-12C
	120	277	100	2950	108	137	5-481-11C
			125	2950	123	127	6-481-11HH
			125	2950	131	133	6-481-14HH
			100	2950	104	149	5-481-15A
			125	2960	120	129	5-471-12C
	125	289	100	2950	115	142	5-481-11C
			125	2950	130	132	6-481-11HH
			125	2950	137	136	6-481-14HH
			100	2950	111	155	5-481-15A
			125	2960	127	133	5-471-12C
	130	300	125	2950	122	147	5-481-11C
			125	2950	136	137	6-481-11HH
			125	2950	141	139	6-481-14HH
			125	2950	117	161	5-481-15A
	135	312	125	2950	129	150	5-481-11C
			150	2950	144	142	6-481-11HH
			150	2950	145	145	6-481-14HH
			125	2950	123	166	5-481-15A
			150	2960	152	145	5-471-12B
	140	323	125	2950	135	155	5-481-11C
			150	2950	150	147	6-481-11HH
			150	2950	151	149	6-481-14HH
			125	2950	124	170	5-481-15A
			150	2960	157	150	5-471-12B
	143	330	125	2950	137	156	5-481-11C
	145	335	125	2950	141	158	5-481-11C
			150	2950	156	153	6-481-11HH
			150	2950	159	153	6-481-14HH
			125	2950	131	176	5-481-15A
			150	2960	163	155	5-471-12B

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
1000 GPM	149	344	150	2950	165	159	6-481-11HH
	150	347	150	2950	166	156	6-481-14HH
			150	2950	170	161	6-481-11HH
			125	2950	138	182	5-481-15A
			150	2960	169	160	5-471-12B
	155	358	200	2950	176	159	6-481-14HH
			150	2950	145	188	5-481-15A
			200	2960	176	165	5-471-12B
	160	369	200	2950	180	162	6-481-14HH
			150	2950	152	194	5-481-15A
			200	2960	184	170	5-471-12B
	165	381	200	2950	188	167	6-481-14HH
			150	2950	159	200	5-481-15A
			200	2960	191	176	5-471-12B
	170	393	200	2950	195	172	6-481-14HH
			150	2950	165	205	5-481-15A
			200	2960	199	181	5-471-12B
	175	404	200	2950	201	178	6-481-14HH
			150	2950	167	209	5-481-15A
			200	2960	207	186	5-471-12B
	180	415	200	2950	210	183	6-481-14HH
			150	2950	166	213	5-481-15A
			200	2960	213	191	5-471-12B
	185	427	200	2950	226	189	6-481-14HH
			150	2950	168	217	5-481-15A
			200	2960	222	196	5-471-12B
	190	439	250	2950	231	194	6-481-14HH
			200	2950	173	222	5-481-15A
			200	2960	229	201	5-471-12B
	195	450	250	2950	238	200	6-481-14HH
			200	2950	180	228	5-481-15A
			250	2960	238	206	5-471-12B
	200	462	250	2950	243	205	6-481-14HH
			200	2950	187	234	5-481-15A
			250	2960	245	212	5-471-12B
	205	474	250	2950	250	210	6-481-14HH
			200	2950	194	240	5-481-15A
			250	2960	254	216	5-471-12B
	210	485	250	2950	255	215	6-481-14HH
			200	2950	201	246	5-481-15A
	215	497	250	2950	263	219	6-481-14HH
			200	2950	209	251	5-481-15A
	220	508	250	2950	273	224	6-481-14HH
			200	2950	216	257	5-481-15A
	225	520	250	2950	280	229	6-481-14HH
			200	2950	224	263	5-481-15A
	228	527	300	2950	299	277	6-485-16
	230	531	300	2950	290	234	6-481-14HH
			300	2950	301	271	6-485-16
			250	2950	237	267	5-481-15A
	234	541	250	2950	255	259	6-485-16B
	235	543	300	2950	300	238	6-481-14HH
			300	2950	307	276	6-485-16
			250	2950	259	263	6-485-16B
			250	2950	251	271	5-481-15A
	240	555	300	2950	310	241	6-481-14HH
			300	2950	314	280	6-485-16
			250	2950	269	270	6-485-16B
			250	2950	259	277	5-481-15A

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
1000 GPM	245	566	300	2950	320	245	6-481-14HH
			300	2950	320	285	6-485-16
			250	2950	273	274	6-485-16B
			250	2950	267	283	5-481-15A
	247	571	250	2950	270	285	5-481-15A
	250	578	300	2950	325	250	6-481-14HH
			300	2950	326	290	6-485-16
			250	2950	283	279	6-485-16B
	255	589	300	2950	334	255	6-481-14HH
			300	2950	332	295	6-485-16
			300	2950	288	284	6-485-16B
	257	594	300	2950	345	258	6-481-14HH
	260	601	350	2950	350	260	6-481-14HH
			300	2950	339	300	6-485-16
			300	2950	298	290	6-485-16B
	265	612	300	2950	345	304	6-485-16
			300	2950	304	294	6-485-16B
	270	624	350	2950	351	309	6-485-16
			300	2950	314	299	6-485-16B
	275	635	350	2950	358	314	6-485-16
			300	2950	320	303	6-485-16B
	280	647	350	2950	364	319	6-485-16
			300	2950	330	310	6-485-16B
	285	658	350	2950	370	323	6-485-16
			300	2950	336	315	6-485-16B
	290	670	350	2950	377	328	6-485-16
			300	2950	341	320	6-485-16B
	295	681	350	2950	383	333	6-485-16
			350	2950	352	325	6-485-16B
	300	693	350	2950	390	338	6-485-16
			350	2950	357	330	6-485-16B
	305	705	350	2950	396	343	6-485-16
			350	2950	368	336	6-485-16B
	310	716	350	2950	403	347	6-485-16
			350	2950	373	340	6-485-16B
	315	728	400	2950	410	354	6-485-16
			350	2950	379	344	6-485-16B
	320	739	400	2950	416	360	6-485-16
			350	2950	390	353	6-485-16B
	325	751	400	2950	423	366	6-485-16
			350	2950	395	356	6-485-16B
	330	762	400	2950	429	370	6-485-16
			350	2950	400	360	6-485-16B
	335	774	400	2950	436	375	6-485-16
			400	2950	405	366	6-485-16B
	340	785	400	2950	443	382	6-485-16
			400	2950	411	372	6-485-16B
	345	797	400	2950	449	387	6-485-16
			400	2950	416	378	6-485-16B
	350	809	400	2950	455	392	6-485-16
			400	2950	418	382	6-485-16B
	355	820	450	2950	463	398	6-485-16
	360	832	450	2950	470	403	6-485-16
			400	2950	422	395	6-485-16B
	365	843	450	2950	477	408	6-485-16
			400	2950	424	400	6-485-16B
	370	855	450	2950	485	413	6-485-16
			400	2950	430	405	6-485-16B
	375	866	450	2950	491	420	6-485-16
			400	2950	437	410	6-485-16B

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
1000 GPM	380	878	450	2950	498	423	6-485-16
			400	2950	443	415	6-485-16B
	385	889	450	2950	506	428	6-485-16
			400	2950	449	420	6-485-16B
	390	901	450	2950	512	434	6-485-16
			400	2950	455	425	6-485-16B
	395	912	500	2950	519	439	6-485-16
			450	2950	461	430	6-485-16B
	400	924	500	2950	526	444	6-485-16
			450	2950	467	435	6-485-16B
	405	936	500	2950	534	449	6-485-16
			450	2950	474	440	6-485-16B
	410	946	450	2950	480	445	6-485-16B
	415	957	450	2950	486	450	6-485-16B
	420	969	450	2950	492	455	6-485-16B
	425	980	450	2950	499	460	6-485-16B

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
1250 GPM	78	180	100	1480	108	85	6-481-18C
	80	185	100	1480	110	88	6-481-18C
	85	196	125	1480	118	92	6-481-18C
	90	208	125	1480	125	97	6-481-18C
			125	1480	135	93	8-481-21
	95	219	125	1480	132	101	6-481-18C
			150	1480	149	99	8-481-21
	98	226	100	2950	107	112	6-481-11HH
	100	231	125	1480	139	106	6-481-18C
			150	1480	163	105	8-481-21
			100	2950	110	116	6-481-11HH
			125	2960	120	122	6-471-12C
	101	233	150	1480	149	107	8-471-20A
	105	243	150	1480	145	111	6-481-18C
			200	1480	176	110	8-481-21
			150	1480	156	110	8-471-20A
			125	2950	117	120	6-481-11HH
			125	2960	127	127	6-471-12C
	110	254	200	1480	191	114	8-481-21
			150	1480	166	115	8-471-20A
			125	2950	123	124	6-481-11HH
			125	2950	128	128	6-481-14HH
			125	2960	134	133	6-471-12C
	115	265	200	1480	205	120	8-481-21
			200	1480	177	120	8-471-20A
			125	2950	130	128	6-481-11HH
			125	2950	134	131	6-481-14HH
			125	2960	143	137	6-471-12C
	120	277	200	1480	219	125	8-481-21
			200	1480	187	125	8-471-20A
			125	2950	137	133	6-481-11HH
			125	2950	142	134	6-481-14HH
			150	2960	153	144	6-471-12C
	121	280	150	2960	155	144	6-471-12C
	125	289	250	1480	233	131	8-481-21
			200	1480	200	130	8-471-20A
			150	2950	146	137	6-481-11HH
			150	2950	151	137	6-481-14HH
	130	300	250	1480	247	136	8-481-21
			200	1480	212	135	8-471-20A
			150	2950	151	142	6-481-11HH
			150	2950	158	140	6-481-14HH
	135	312	250	1480	261	141	8-481-21
			200	1480	225	140	8-471-20A
			150	2950	160	148	6-481-11HH
			150	2950	164	145	6-481-14HH
	140	323	250	1480	275	146	8-481-21
			250	1480	239	144	8-471-20A
			150	2950	167	153	6-481-11HH
			150	2950	171	150	6-481-14HH
	145	335	250	1480	254	150	8-471-20A
			200	2950	176	158	6-481-11HH
			200	2950	177	155	6-481-14HH
	150	347	250	1480	269	155	8-471-20A
			200	2950	185	160	6-481-14HH
	155	358	250	1480	284	159	8-471-20A
			200	2950	193	165	6-481-14HH
	160	370	200	2950	202	170	6-481-14HH
	165	381	200	2950	210	175	6-481-14HH
	170	393	200	2950	220	180	6-481-14HH
	175	404	250	2950	231	184	6-481-14HH
	180	416	250	2950	240	189	6-481-14HH

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
1250 GPM	185	427	250	2950	246	194	6-481-14HH
	190	439	250	2950	255	198	6-481-14HH
	195	450	250	2950	260	203	6-481-14HH
	200	462	250	2950	266	207	6-481-14HH
	205	474	250	2950	274	211	6-481-14HH
	210	485	250	2950	283	217	6-481-14HH
	215	497	300	2950	295	222	6-481-14HH
			300	2950	300	275	6-485-16
	219	506	300	2950	306	280	6-485-16
	220	508	300	2950	301	228	6-481-14HH
	224	517	300	2950	312	285	6-485-16
	225	520	300	2950	313	232	6-481-14HH
	230	531	300	2950	318	237	6-481-14HH
			300	2950	322	292	6-485-16
	234	541	300	2950	335	293	6-485-16
	235	543	300	2950	330	241	6-481-14HH
	239	552	300	2950	340	301	6-485-16
	240	554	300	2950	338	245	6-481-14HH
	244	564	350	2950	351	306	6-485-16
	245	566	350	2950	349	250	6-481-14HH
	249	575	350	2950	358	311	6-485-16
	250	578	350	2950	359	255	6-481-14HH
	254	587	350	2950	363	316	6-485-16
	255	589	350	2950	372	260	6-481-14HH
	259	598	350	2950	368	321	6-485-16
			300	2950	320	303	6-485-16B
	260	601	350	2950	382	265	6-481-14HH
			300	2950	325	306	6-485-16B
	265	612	350	2950	374	327	6-485-16
			300	2950	330	310	6-485-16B
	269	621	350	2950	381	331	6-485-16
	270	624	300	2950	336	315	6-485-16B
	275	635	350	2950	388	338	6-485-16
			300	2950	341	320	6-485-16B
	280	647	350	2950	396	342	6-485-16
			350	2950	352	325	6-485-16B
	284	656	400	2950	413	346	6-485-16
	285	658	350	2950	357	330	6-485-16B
	290	670	400	2950	420	353	6-485-16
			350	2950	363	335	6-485-16B
	295	681	400	2950	427	358	6-485-16
			350	2950	373	340	6-485-16B
	300	693	400	2950	435	363	6-485-16
			350	2950	379	344	6-485-16B
	305	705	400	2950	442	368	6-485-16
			350	2950	384	348	6-485-16B
	310	716	400	2950	450	374	6-485-16
			350	2950	390	353	6-485-16B
	315	728	400	2950	457	379	6-485-16
			350	2950	400	360	6-485-16B
	320	739	450	2950	465	384	6-485-16
			400	2950	405	366	6-485-16B
	325	751	450	2950	472	389	6-485-16
			400	2950	411	372	6-485-16B
	329	760	450	2950	480	393	6-485-16
	330	762	400	2950	421	378	6-485-16B
	335	774	450	2950	481	400	6-485-16
			400	2950	426	382	6-485-16B
	339	782	400	2950	429	385	6-485-16B
	340	785	450	2950	489	405	6-485-16
			400	2950	431	390	6-485-16B

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
1250 GPM	345	797	450	2950	502	411	6-485-16
			400	2950	437	395	6-485-16B
	350	809	450	2950	504	416	6-485-16
			400	2950	443	400	6-485-16B
	355	820	450	2950	511	421	6-485-16
			400	2950	450	405	6-485-16B
	360	832	500	2950	518	426	6-485-16
			400	2950	456	410	6-485-16B
	365	843	500	2950	525	432	6-485-16
			450	2950	463	415	6-485-16B
	370	855	500	2950	533	437	6-485-16
			450	2950	470	420	6-485-16B
	375	866	500	2950	540	442	6-485-16
			450	2950	476	425	6-485-16B
	380	878	500	2950	548	447	6-485-16
			450	2950	483	430	6-485-16B
	385	889	500	2950	556	453	6-485-16
			450	2950	490	435	6-485-16B
	389	900	500	2950	563	458	6-485-16
	390	901	500	2950	570	458	6-485-16
			450	2950	496	440	6-485-16B
	395	911	450	2950	503	445	6-485-16B
	400	923	450	2950	510	450	6-485-16B
	405	934	450	2950	516	455	6-485-16B
	410	946	500	2950	523	460	6-485-16B

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
1500 GPM	75	173	100	1480	115	86	6-481-18C
	80	185	125	1480	120	90	6-481-18C
	85	196	125	1480	129	96	6-481-18C
	88	203	125	1480	140	96	8-481-21
	90	208	125	1480	137	101	6-481-18C
			125	1480	143	101	8-481-21
	95	219	125	1480	143	105	6-481-18C
			150	1480	155	104	8-481-21
	98	226	150	1480	149	107	8-471-20A
	100	231	150	1480	150	110	6-481-18C
			150	1480	170	108	8-481-21
			150	1480	152	108	8-471-20A
	103	238	150	1480	157	112	6-481-18C
	105	242	200	1480	197	113	8-481-21
			150	1480	162	113	8-471-20A
			150	2960	149	122	6-471-12D
	110	254	200	1480	210	118	8-481-21
			150	1480	172	118	8-471-20A
			150	2960	159	128	6-471-12D
	115	265	200	1480	220	123	8-481-21
			200	1480	182	123	8-471-20A
			150	2960	167	133	6-471-12D
	120	277	200	1480	230	127	8-481-21
			200	1480	195	128	8-471-20A
			200	2960	175	137	6-471-12D
	121	280	150	2950	154	143	6-481-11HH
	125	289	250	1480	250	132	8-481-21
			200	1480	207	133	8-471-20A
			150	2950	159	147	6-481-11HH
			200	2960	186	144	6-471-12D
	130	300	250	1480	269	136	8-481-21
			200	1480	219	137	8-471-20A
			150	2950	169	151	6-481-11HH
			200	2960	184	155	6-471-12B
			200	2960	196	149	6-471-12D
	135	312	250	1480	280	142	8-481-21
			250	1480	233	142	8-471-20A
			200	2950	177	155	6-481-11HH
			200	2960	195	160	6-471-12B
			200	2960	206	154	6-471-12D
	137	317	200	2950	186	159	6-481-11HH
	140	323	250	1480	287	147	8-481-21
			250	1480	247	147	8-471-20A
			200	2960	206	164	6-471-12B
	145	335	250	1480	261	152	8-471-20A
			200	2960	218	169	6-471-12B
	150	347	250	1480	278	159	8-471-20A
			250	2960	230	174	6-471-12B
	152	351	250	1480	284	159	8-471-20A
	153	353	200	2950	205	169	6-481-14HH
	155	358	200	2950	218	173	6-481-14HH
			250	2960	247	180	6-471-12B
	160	369	250	2950	231	177	6-481-14HH
	165	381	250	2950	234	181	6-481-14HH
	170	393	250	2950	244	186	6-481-14HH
	175	404	250	2950	259	190	6-481-14HH
	180	415	250	2950	268	194	6-481-14HH
	185	427	250	2950	272	200	6-481-14HH
	190	439	250	2950	287	205	6-481-14HH
	195	450	300	2950	296	210	6-481-14HH

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
1500 GPM	200	462	300	2950	306	215	6-481-14HH
	205	474	300	2950	318	219	6-481-14HH
	210	485	300	2950	328	224	6-481-14HH
	215	497	300	2950	334	228	6-481-14HH
	220	508	350	2950	346	232	6-481-14HH
	225	520	350	2950	350	237	6-481-14HH
	230	531	350	2950	360	241	6-481-14HH
	235	543	350	2950	375	245	6-481-14HH
	240	554	350	2950	383	251	6-481-14HH
	245	567	350	2950	395	256	6-481-14HH
	250	578	400	2950	410	261	6-481-14HH
	255	589	400	2950	420	266	6-481-14HH
	336	775	500	2950	530	416	6-485-16
	340	786	500	2950	541	423	6-485-16
	345	797	500	2950	548	429	6-485-16
	350	809	500	2950	557	435	6-485-16
	355	820	500	2950	564	441	6-485-16
	360	833	500	2950	573	447	6-485-16
	365	844	600	2950	581	452	6-485-16
	370	855	600	2950	598	458	6-485-16
	372	859	600	2950	603	461	6-485-16
	375	866	600	2950	610	464	6-485-16
	379	875	600	2950	630	469	6-485-16

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
2000 GPM	52	120	100	1480	98	62	8-481-17B
	55	127	100	1480	105	66	8-481-17B
	56	129	100	1480	91	70	8-471-16A
	60	138	100	1480	115	70	8-481-17B
			100	1480	100	73	8-471-16A
	65	150	125	1480	125	77	8-481-17B
			100	1480	112	78	8-471-16A
	70	161	125	1480	135	82	8-481-17B
			125	1480	124	82	8-471-16A
	75	173	150	1480	148	87	8-481-17B
			125	1480	137	86	8-471-16A
	80	185	150	1480	158	91	8-481-17B
			150	1480	152	91	8-471-16A
	85	196	150	1480	168	100	8-481-17B
			150	1480	168	96	8-471-16A
	90	208	200	1480	175	107	8-481-17B
			150	1480	164	103	8-481-21
			200	1480	185	102	8-471-16A
	95	219	150	1480	172	107	8-481-21
			200	1480	202	110	8-471-16A
	98	226	200	1480	212	110	8-471-16A
	100	231	200	1480	187	111	8-481-21
	101	233	200	1490	207	112	8-471-20B
	105	242	200	1480	201	115	8-481-21
			200	1490	216	117	8-471-20B
	110	254	200	1480	215	121	8-481-21
			200	1490	224	121	8-471-20B
	112	259	250	1480	240	122	8-481-24
	115	265	200	1480	226	126	8-481-21
			250	1480	248	127	8-481-24
			250	1490	238	126	8-471-20B
	120	277	250	1480	245	131	8-481-21
			250	1480	261	131	8-481-24
			250	1490	246	130	8-471-20B
	125	289	250	1480	267	135	8-481-21
			250	1480	275	135	8-481-24
			250	1490	260	135	8-471-20B
	130	300	250	1480	275	140	8-481-21
			250	1480	287	139	8-481-24
			250	1490	271	140	8-471-20B
	135	312	250	1480	285	146	8-481-21
			300	1480	302	143	8-481-24
			250	1490	287	144	8-471-20B
	140	323	300	1480	315	149	8-481-24
			300	1490	302	149	8-471-20B
	145	335	300	1480	329	154	8-481-24
			300	1490	319	154	8-471-20B
	150	347	300	1480	344	159	8-481-24
			300	1490	336	159	8-471-20B
	155	358	350	1480	355	164	8-481-24
			350	1490	355	164	8-471-20B
	160	370	350	1480	370	170	8-481-24
			350	1490	373	170	8-471-20B
	162	374	350	1490	380	170	8-471-20B
	165	381	350	1480	382	176	8-481-24
	170	393	350	1480	397	181	8-481-24
	172	397	350	1480	402	187	8-481-24

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
2500 GPM	63	146	150	1480	158	70	10-481-18D
	65	150	150	1480	156	73	10-481-18
			150	1480	163	74	10-481-18D
	70	162	200	1480	176	76	10-481-18
			200	1480	180	77	10-481-18D
	75	173	200	1480	196	83	10-481-18
			200	1480	200	86	10-481-18D
	80	185	200	1480	216	87	10-481-18
			200	1480	220	88	10-481-18D
	85	196	250	1480	236	92	10-481-18
			250	1480	236	93	10-481-18D
			200	1495	209	93	10-471-20A
	88	203	200	1490	187	103	10-471-20B
	90	208	250	1480	256	99	10-481-18
			250	1480	253	99	10-481-18D
			200	1490	191	105	10-471-20B
			200	1495	223	98	10-471-20A
	95	219	250	1480	275	105	10-481-18
			250	1480	272	105	10-481-18D
			200	1490	201	110	10-471-20B
			250	1495	239	103	10-471-20A
	96	222	250	1480	276	106	10-481-18D
	100	231	300	1480	292	111	10-481-18
			200	1480	221	118	8-481-21A
			200	1490	214	116	10-471-20B
			250	1495	256	108	10-471-20A
	105	242	250	1480	242	123	8-481-21A
			200	1490	227	121	10-471-20B
			250	1495	272	112	10-471-20A
	110	254	250	1480	249	127	8-481-21A
			250	1490	242	126	10-471-20B
			300	1495	290	117	10-471-20A
	115	266	250	1480	275	135	8-481-24
			250	1480	257	132	8-481-21A
			250	1490	258	131	10-471-20B
			300	1495	310	123	10-471-20A
	120	277	250	1480	272	140	8-481-21A
			250	1480	285	140	8-481-24
			250	1490	273	136	10-471-20B
			300	1495	328	127	10-471-20A
	123	284	250	1490	271	140	8-471-20B
	125	289	250	1480	287	145	8-481-21A
			300	1480	302	144	8-481-24
			250	1490	280	142	8-471-20B
			300	1490	290	140	10-471-20B
			350	1495	348	132	10-471-20A
	130	300	300	1480	318	148	8-481-24
			300	1490	293	146	8-471-20B
			300	1490	308	145	10-471-20B
			350	1495	370	138	10-471-20A
	135	312	300	1480	335	152	8-481-24
			300	1490	309	151	8-471-20B
			300	1490	328	151	10-471-20B
			350	1495	390	142	10-471-20A

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
2500 GPM	140	323	350	1480	350	156	8-481-24
			300	1490	325	156	8-471-20B
			350	1490	347	158	10-471-20B
			400	1495	411	147	10-471-20A
	142	328	350	1490	354	158	10-471-20B
	145	335	350	1480	367	160	8-481-24
			300	1490	341	160	8-471-20B
	150	347	350	1480	384	167	8-481-24
			350	1490	360	165	8-471-20B
	155	358	350	1480	400	172	8-481-24
			350	1490	376	170	8-471-20B
	156	360	350	1490	380	170	8-471-20B
	160	370	400	1480	417	178	8-481-24
	165	381	400	1480	433	183	8-481-24
	167	386	400	1480	440	186	8-481-24

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
3000 GPM	61	141	150	1480	161	70	10-481-18D
	63	145	150	1480	163	72	10-481-18
	65	150	150	1480	170	75	10-481-18
			200	1480	176	74	10-481-18D
	70	162	200	1480	188	81	10-481-18
			200	1480	194	77	10-481-18D
	75	173	200	1480	206	86	10-481-18
			200	1480	220	86	10-481-18D
	80	185	200	1480	224	90	10-481-18
			250	1480	239	88	10-481-18D
	81	187	200	1495	209	93	10-471-20A
	83	192	200	1490	187	103	10-471-20B
	85	196	250	1480	242	95	10-481-18
			250	1480	256	94	10-481-18D
			200	1490	191	105	10-471-20B
			200	1495	222	97	10-471-20A
	90	208	250	1480	261	102	10-481-18
			250	1480	276	99	10-481-18D
			200	1490	202	110	10-471-20B
			250	1495	236	102	10-471-20A
	95	214	250	1480	276	104	10-481-18
			250	1480	287	105	10-481-18D
			200	1490	214	116	10-471-20B
			250	1495	253	107	10-471-20A
	99	229	300	1480	300	112	10-481-18
	100	231	200	1490	228	121	10-471-20B
			250	1495	269	111	10-471-20A
	105	243	250	1490	242	126	10-471-20B
			250	1495	286	116	10-471-20A
	110	254	250	1490	258	131	10-471-20B
			300	1495	304	121	10-471-20A
	115	266	250	1490	273	136	10-471-20B
			300	1495	323	126	10-471-20A
	120	277	300	1490	290	140	10-471-20B
			300	1495	341	131	10-471-20A
	125	289	300	1490	308	145	10-471-20B
			350	1495	362	136	10-471-20A
	130	300	300	1490	328	151	10-471-20B
			350	1495	382	140	10-471-20A
	135	312	350	1490	346	158	10-471-20B
			350	1495	402	147	10-471-20A
	137	316	350	1490	354	158	10-471-20B
			400	1495	411	147	10-471-20A

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
3500 GPM	59	136	150	1480	162	70	10-481-18D
	60	139	150	1480	160	74	10-481-18
			150	1480	167	74	10-481-18D
	65	150	200	1480	178	78	10-481-18
			200	1480	190	77	10-481-18D
	70	162	200	1480	197	83	10-481-18
			200	1480	212	86	10-481-18D
	75	173	200	1480	216	89	10-481-18
			200	1480	230	88	10-481-18D
	80	185	250	1480	235	95	10-481-18
			250	1480	252	94	10-481-18D
	85	196	250	1480	254	100	10-481-18
			250	1480	270	96	10-481-18D
	90	208	250	1480	273	106	10-481-18
			300	1480	295	102	10-481-18D
	94	217	300	1480	310	105	10-481-18D
	95	219	300	1480	292	112	10-481-18
			300	1485	293	106	12-471-20A
	97	223	300	1480	300	113	10-481-18
	100	231	300	1485	310	111	12-471-20A
	105	243	300	1485	328	115	12-471-20A
	110	254	350	1485	347	120	12-471-20A
	115	266	350	1485	368	125	12-471-20A
	120	277	350	1485	391	130	12-471-20A
	125	289	400	1485	415	136	12-471-20A
	130	300	400	1485	438	141	12-471-20A
	135	312	450	1485	462	146	12-471-20A
	140	323	450	1485	491	151	12-471-20A
	145	335	500	1485	518	157	12-471-20A
	146	337	500	1495	545	158	12-471-26A
	150	347	500	1485	546	162	12-471-20A
			500	1495	569	162	12-471-26A
	155	358	500	1485	573	168	12-471-20A
			600	1495	593	167	12-471-26A
	156	360	600	1485	579	168	12-471-20A
	160	370	600	1495	619	171	12-471-26A
	165	381	600	1495	650	177	12-471-26A
	170	393	600	1495	678	182	12-471-26A
	175	404	700	1495	708	187	12-471-26A
	180	416	700	1495	739	192	12-471-26A
	185	427	700	1495	776	198	12-471-26A
	190	439	800	1495	809	204	12-471-26A
	195	450	800	1495	845	209	12-471-26A
	200	462	800	1495	881	215	12-471-26A
	205	474	900	1495	921	223	12-471-26A
	206	476	900	1495	928	223	12-471-26A

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
4000 GPM	63	146	200	1480	218	82	10-491-20
	64	148	200	1480	203	80	10-481-18D
	65	150	200	1480	207	82	10-481-18D
			200	1480	227	85	10-491-20
	70	162	200	1480	226	86	10-481-18D
			250	1480	248	90	10-491-20
	75	173	250	1480	247	88	10-481-18D
			250	1480	266	95	10-491-20
	80	185	250	1480	269	94	10-481-18D
			250	1480	286	100	10-491-20
	85	196	300	1480	288	99	10-481-18D
			300	1480	307	106	10-491-20
	90	208	300	1480	314	105	10-481-18D
			300	1480	330	111	10-491-20
	91	210	300	1485	293	106	12-471-20A
	92	212	300	1480	320	106	10-481-18D
	95	219	350	1480	358	116	10-491-20
			300	1485	306	110	12-471-20A
	100	231	350	1480	375	121	10-491-20
			300	1485	324	114	12-471-20A
	105	242	350	1480	395	126	10-491-20
			300	1485	343	119	12-471-20A
	110	254	400	1480	420	132	10-491-20
			350	1485	362	124	12-471-20A
	115	266	400	1480	460	137	10-491-20
			350	1485	386	129	12-471-20A
	120	277	450	1480	489	142	10-491-20
			400	1485	407	134	12-471-20A
	125	289	450	1480	517	147	10-491-20
			400	1485	432	139	12-471-20A
	130	300	500	1480	541	152	10-491-20
			400	1485	456	144	12-471-20A
	134	310	500	1480	560	158	10-491-20
	135	312	450	1485	481	150	12-471-20A
	140	323	450	1485	508	155	12-471-20A
	142	328	500	1495	545	158	12-471-26A
	145	335	500	1485	536	160	12-471-20A
			500	1495	560	161	12-471-26A
	150	347	500	1485	562	168	12-471-20A
			600	1495	584	165	12-471-26A
	153	353	600	1485	579	168	12-471-20A
	155	358	600	1495	609	170	12-471-26A
	160	370	600	1495	639	175	12-471-26A
	165	381	600	1495	667	180	12-471-26A
	170	393	700	1495	696	185	12-471-26A
	175	404	700	1495	727	190	12-471-26A
	180	416	700	1495	759	195	12-471-26A
	185	427	700	1495	792	201	12-471-26A
	190	439	800	1495	827	207	12-471-26A
	195	450	800	1495	867	213	12-471-26A
	200	462	800	1495	901	223	12-471-26A
	204	471	900	1495	928	223	12-471-26A

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
4500 GPM	75	173	250	1480	277	96	10-491-20
	80	185	300	1480	298	101	10-491-20
	85	196	300	1480	318	106	10-491-20
	90	208	300	1480	343	111	10-491-20
	95	219	350	1480	369	116	10-491-20
	98	226	350	1495	350	120	12-471-20B
	100	231	350	1480	394	121	10-491-20
			350	1495	358	121	12-471-20B
	105	243	400	1480	419	127	10-491-20
			350	1495	381	126	12-471-20B
	110	254	400	1480	436	131	10-491-20
			400	1495	403	131	12-471-20B
	115	266	450	1480	469	137	10-491-20
			400	1495	429	136	12-471-20B
	120	277	450	1480	495	142	10-491-20
			400	1495	458	141	12-471-20B
	125	289	500	1480	520	147	10-491-20
			450	1495	484	146	12-471-20B
	130	300	500	1480	545	152	10-491-20
			450	1495	512	151	12-471-20B
	133	304	500	1480	560	157	10-491-20
	135	312	500	1495	544	157	12-471-20B
	138	319	500	1495	545	158	12-471-26A
	140	323	600	1495	575	162	12-471-20B
	140	323	500	1495	554	160	12-471-26A
	145	335	600	1495	606	168	12-471-20B
			600	1495	578	164	12-471-26A
	150	347	600	1495	639	175	12-471-20B
			600	1495	606	169	12-471-26A
	152	351	600	1495	652	175	12-471-20B
	155	358	600	1495	632	174	12-471-26A
	160	370	600	1495	660	179	12-471-26A
	165	381	600	1495	689	184	12-471-26A
	170	393	700	1495	719	189	12-471-26A
	175	404	700	1495	751	194	12-471-26A
	180	416	700	1495	784	200	12-471-26A
	185	427	800	1495	818	205	12-471-26A
	190	439	800	1495	854	211	12-471-26A
	195	450	800	1495	890	217	12-471-26A
	200	462	900	1495	928	223	12-471-26A

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.

FLOW	Pressure		Required Motor HP Rating			Maximum	
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)	Shutoff (PSI)*	Pump Model
5000 GPM	95	219	350	1480	381	119	10-491-20
	100	231	350	1480	402	123	10-491-20
	105	243	400	1480	429	129	10-491-20
	110	254	400	1480	454	133	10-491-20
	115	266	450	1480	478	139	10-491-20
	120	277	450	1480	502	143	10-491-20
	125	289	500	1480	526	150	10-491-20
	128	297	500	1480	550	152	10-491-20
	132	305	500	1480	571	157	10-491-20
	133	307	500	1495	545	158	12-471-26A
	135	312	500	1495	554	160	12-471-26A
	140	323	600	1495	578	164	12-471-26A
	145	335	600	1495	603	169	12-471-26A
	150	347	600	1495	629	173	12-471-26A
	155	358	600	1495	657	178	12-471-26A
	160	370	600	1495	685	183	12-471-26A
	165	381	700	1495	715	188	12-471-26A
	170	393	700	1495	747	193	12-471-26A
	175	404	700	1495	780	199	12-471-26A
	180	416	800	1495	814	205	12-471-26A
	185	427	800	1495	849	210	12-471-26A
	190	439	800	1495	886	216	12-471-26A
	195	450	900	1495	921	223	12-471-26A
	196	453	900	1495	928	223	12-471-26A

*Maximum shutoff includes Hydraulic Institute's tolerance of 6%.
Value is used to determine flange rating for the pump.