

**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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 Date November 15, 2018  
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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
			Motor HP	Speed (RPM)	Horsepower (BHP)		
	PSI	Feet					
250 GPM	40	92	15	3560	15	44	3-481-10
	45	104	15	3560	17	51	3-481-10
	50	115	20	3560	19	57	3-481-10
	51	118	15	3560	15	65	2.5-481-10B
	55	127	15	3560	16	69	2.5-481-10B
			20	3560	20	63	3-481-10
	60	139	15	3560	17	74	2.5-481-10B
			20	3560	22	69	3-481-10
	65	150	20	3560	20	79	2.5-481-10B
			25	3560	25	72	3-481-10
	70	162	20	3560	21	84	2.5-481-10B
			25	3560	27	76	3-481-10
	75	173	20	3560	22	89	2.5-481-10B
			30	3560	30	79	3-481-10
	80	185	20	3560	23	92	2.5-481-10B
			30	3560	33	83	3-481-10
	85	196	25	3560	25	98	2.5-481-10B
			40	3560	36	87	3-481-10
	90	208	25	3560	27	103	2.5-481-10B
			40	3560	40	92	3-481-10
	95	219	25	3560	28	107	2.5-481-10B
			40	3560	44	98	3-481-10
	100	231	30	3560	32	112	2.5-481-10B
			50	3560	49	103	3-481-10
	105	242	30	3560	34	117	2.5-481-10B
	110	254	40	3560	37	120	2.5-481-10B
			50	3560	54	113	3-481-10
	115	265	40	3560	39	124	2.5-481-10B
	120	277	40	3560	42	129	2.5-481-10B
	125	288	40	3560	44	133	2.5-481-10B
130	300	40	3560	46	137	2.5-481-10B	
135	312	50	3560	49	142	2.5-481-10B	
140	323	50	3560	53	147	2.5-481-10B	
145	335	50	3560	56	152	2.5-481-10B	
150	347	50	3560	57	157	2.5-481-10B	
155	358	60	3560	61	160	2.5-481-10B	
160	370	60	3560	63	164	2.5-481-10B	
164	379	60	3560	66	169	2.5-481-10B	
167	386	60	3560	68	173	2.5-481-10B	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

**Section 912 Page 302**  
 Date November 15, 2018  
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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
			Motor HP	Speed (RPM)	Horsepower (BHP)		
	PSI	Feet					
<b>4 0 0 G P M</b>	46	106	20	1770	22	52	5-481-15A
	50	116	25	1770	24	56	5-481-15A
	55	127	25	1770	27	62	5-481-15A
	60	139	30	1770	31	67	5-481-15A
	65	150	40	1770	35	73	5-481-15A
	70	162	40	1770	36	78	5-481-15A
	75	173	40	1770	38	83	5-481-15A
	80	185	40	1770	42	88	5-481-15A
	85	196	50	1770	46	94	5-481-15A
	90	208	50	1770	56	100	5-481-15A
95	219	60	1770	61	105	5-481-15A	

<b>4 5 0 G P M</b>	45	104	20	1770	22	52	5-481-15A
	50	116	25	1770	25	58	5-481-15A
	55	127	25	1770	28	63	5-481-15A
	60	139	30	1770	32	69	5-481-15A
	65	150	40	1770	36	74	5-481-15A
	70	162	40	1770	36	79	5-481-15A
	75	173	40	1770	39	84	5-481-15A
	80	185	40	1770	43	89	5-481-15A
	85	196	50	1770	47	95	5-481-15A
	90	208	60	1770	57	101	5-481-15A
94	217	60	1770	61	105	5-481-15A	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
			Motor HP	Speed (RPM)	Horsepower (BHP)		
	PSI	Feet					
<b>500 GPM</b>	40	92	20	1770	22	45	4-481-11A
	44	102	20	1770	22	52	5-481-15A
	45	104	20	1770	23	49	4-481-11A
	45	104	20	1770	22	53	5-481-15A
	50	115	25	1770	28	54	4-481-11A
			25	1770	26	59	5-481-15A
			25	3560	25	62	3-481-10
	53	122	30	1770	31	57	4-481-11A
	55	127	30	1770	34	60	4-481-11A
			30	1770	29	64	5-481-15A
			25	3560	26	66	3-481-10
	60	139	40	1770	38	69	4-481-15
			30	1770	33	70	5-481-15A
			25	3560	28	72	3-481-10
	65	150	40	1770	42	74	4-481-15
			40	1770	36	76	5-481-15A
			30	3560	31	79	3-481-10
	66	152	30	3560	34	82	3-491-9A
	70	162	40	1770	46	79	4-481-15
			40	1770	36	80	5-481-15A
			30	3560	34	83	3-481-10
			40	3560	35	85	3-491-9A
	72	166	40	3570	40	75	4-471-10C
	75	173	50	1770	50	83	4-481-15
			40	1770	40	85	5-481-15A
			40	3560	37	88	3-481-10
			40	3560	37	92	3-491-9A
			40	3570	42	78	4-471-10C
	80	185	50	1770	55	88	4-481-15
			50	1770	49	88	4-492-18
			40	1770	44	91	5-481-15A
			40	3560	40	92	3-481-10
			40	3560	41	97	3-491-9A
	85	196	40	3570	46	84	4-471-10C
			50	1770	52	94	4-492-18
			50	1770	49	96	5-481-15A
			40	3560	43	97	3-481-10
			40	3560	43	102	3-491-9A
	90	208	50	3570	50	88	4-471-10C
			50	1770	56	99	4-492-18
			60	1770	58	102	5-481-15A
			40	3560	46	102	3-481-10
			40	3560	46	107	3-491-9A
	91	210	50	3570	53	94	4-471-10C
			40	3560	42	115	3-491-9C
			40	3560	44	116	3-491-9C
			60	1770	61	105	5-481-15A
	92	213	40	3560	44	116	3-491-9C
	93	215	60	1770	61	105	5-481-15A
	95	219	60	1770	61	105	4-492-18
50			3560	49	107	3-481-10	
50			3560	51	113	3-491-9A	
40			3560	45	118	3-491-9C	
50			3570	57	99	4-471-10C	
100	231	60	1770	69	111	4-492-18	
		50	3560	52	112	3-481-10	
		50	3560	52	118	3-491-9A	
		50	3560	49	122	3-491-9C	
		60	3570	60	103	4-471-10C	
105	242	75	1770	74	116	4-492-18	
		50	3560	54	117	3-481-10	
		50	3560	55	122	3-491-9A	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
<b>500 GPM</b>	105	242	50	3560	51	127	3-491-9C
			60	3570	64	109	4-471-10C
	110	254	75	1770	77	120	4-492-18
			50	3560	57	121	3-481-10
			60	3560	59	127	3-491-9A
			50	3560	55	131	3-491-9C
	111	256	60	3570	68	114	4-471-10C
			75	1770	81	124	4-492-18
	115	265	60	3560	61	126	3-481-10
			60	3560	64	132	3-491-9A
			50	3560	57	136	3-491-9C
	120	277	100	1770	91	130	4-492-18
			60	3560	64	131	3-481-10
			60	3560	68	137	3-491-9A
			60	3560	62	141	3-491-9C
	125	289	100	1770	93	135	4-492-18
			60	3560	69	136	3-481-10
			75	3560	71	142	3-491-9A
			60	3560	65	145	3-491-9C
	130	300	75	3560	73	141	3-481-10
			75	3560	76	147	3-491-9A
			60	3560	69	151	3-491-9C
	135	312	75	3560	77	146	3-481-10
			75	3560	81	152	3-491-9A
			75	3560	73	156	3-491-9C
	139	321	75	3560	74	159	3-491-9C
	140	323	75	3560	80	152	3-481-10
			75	3560	84	157	3-491-9A
			75	3560	75	161	3-491-9C
	142	328	75	3560	80	164	3-491-9C
	145	335	75	3560	82	158	3-481-10
			100	3560	88	162	3-491-9A
	146	337	100	3560	92	163	3-491-9A
	150	347	100	1770	90	161	4-485-15
			100	3560	87	163	3-481-10
	155	358	100	1770	94	167	4-485-15
	160	369	100	1770	106	193	4-485-15
	165	381	100	1770	103	184	4-485-15
	170	392	100	1770	107	188	4-485-15
	175	404	100	1770	111	192	4-485-15
180	416	100	1770	115	196	4-485-15	
185	427	125	1770	120	199	4-485-15	
190	439	125	1770	125	203	4-485-15	
191	441	125	3560	134	209	6-491-12A	
195	450	125	1770	130	208	4-485-15	
		125	3560	137	213	6-491-12A	
200	462	125	1770	134	214	4-485-15	
		125	3560	141	216	6-491-12A	
205	473	125	1770	137	222	4-485-15	
		125	3560	143	219	6-491-12A	
210	485	125	1770	140	227	4-485-15	
		150	3560	148	224	6-491-12A	
215	496	150	3560	151	229	6-491-12A	
220	508	150	3560	155	238	6-491-12A	
225	519	150	3560	160	244	6-491-12A	
230	531	125	3560	130	300	5-485-12	
		150	3560	164	249	6-491-12A	
235	543	125	3560	135	303	5-485-12	
		150	3560	168	253	6-491-12A	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
500 GPM	240	554	150	3560	172	259	6-491-12A
	245	566	125	3560	138	315	5-485-12
			200	3560	179	266	6-491-12A
	250	578	125	3560	140	320	5-485-12
			200	3560	187	270	6-491-12A
	255	589	125	3560	143	325	5-485-12
			200	3560	198	277	6-491-12A
	260	600	200	3560	205	283	6-491-12A
	265	612	150	3560	149	335	5-485-12
			200	3560	213	289	6-491-12A
	270	624	150	3560	151	348	5-485-12
			200	3560	218	294	6-491-12A
	275	635	150	3560	155	345	5-485-12
			200	3560	223	299	6-491-12A
	277	640	200	3560	228	304	6-491-12A
	280	647	150	3560	161	348	5-485-12
	285	658	150	3560	165	352	5-485-12
	290	670	150	3560	168	357	5-485-12
	295	681	200	3560	173	362	5-485-12
	305	704	200	3560	181	372	5-485-12
	315	728	200	3560	190	382	5-485-12
	325	751	200	3560	199	392	5-485-12
	335	774	200	3560	210	402	5-485-12
	345	797	200	3560	219	412	5-485-12
	350	809	200	3560	222	417	5-485-12
	355	820	200	3560	226	422	5-485-12
	360	832	200	3560	230	427	5-485-12
	365	843	250	3560	242	432	5-485-12
	375	866	250	3560	257	441	5-485-12
	385	889	250	3560	272	451	5-485-12
395	912	250	3560	274	460	5-485-12	
405	936	250	3560	280	470	5-485-12	
415	959	250	3560	286	480	5-485-12	
425	982	300	3560	293	490	5-485-12	
435	1005	300	3560	305	500	5-485-12	
445	1028	300	3560	316	510	5-485-12	
455	1051	300	3560	328	520	5-485-12	
465	1074	300	3560	340	530	5-485-12	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
			Motor HP	Speed (RPM)	Horsepower (BHP)		
	PSI	Feet					
<b>750 GPM</b>	40	92	25	1770	26	51	4-481-11A
	45	104	25	1770	28	56	4-481-11A
	48	111	30	1770	32	57	4-481-11A
	50	115	30	1770	34	61	4-481-11A
			40	1770	40	56	5-481-15
	55	127	40	1770	41	65	4-491-14C
			40	1770	44	61	5-481-15
	60	139	40	1770	46	75	4-491-14C
			40	1770	48	65	5-481-15
	65	150	50	1770	53	80	4-491-14C
			50	1770	53	70	5-481-15
			40	3560	46	81	4-481-11C
	70	162	50	1770	57	85	4-491-14C
			50	1770	58	76	5-481-15
			50	3560	51	85	4-481-11C
			50	3560	50	91	4-491-8A
	71	164	50	1770	55	87	4-481-15
	75	173	60	1770	59	90	4-481-15
			60	1770	62	90	4-491-14C
			50	3560	55	90	4-481-11C
			50	3560	52	96	4-491-8A
	80	185	60	1770	64	93	4-481-15
			60	1770	67	94	4-491-14C
			50	3560	58	94	4-481-11C
			50	3560	56	101	4-491-8A
	81	187	50	3560	56	99	4-481-11D
	85	196	60	1770	68	99	4-481-15
			75	1770	71	100	4-491-14C
			50	3560	58	103	4-481-11D
			60	3560	58	106	4-491-8A
	90	208	75	1770	71	104	4-481-15
			75	1770	73	105	4-491-14C
			75	1770	73	99	5-491-18A
			60	3560	62	109	4-481-11D
			60	3560	66	111	4-491-8A
	95	219	75	1770	75	109	4-481-15
			75	1770	74	111	4-492-18
			75	1770	80	104	5-491-18A
			60	3560	66	112	4-481-11D
			75	3560	72	120	4-491-11A
	100	231	75	3560	71	116	4-491-8A
			75	1770	77	117	4-492-18
			100	1770	87	109	5-491-18A
			60	3560	69	115	4-481-11D
			75	3560	75	125	4-491-11A
	105	243	75	3560	73	121	4-491-8A
			100	1770	87	123	4-492-18
			100	1770	94	114	5-491-18A
			75	3560	74	120	4-481-11D
			75	3560	77	131	4-491-11A
110	254	75	3560	79	126	4-491-8A	
		100	1770	91	128	4-492-18	
		100	1770	100	118	5-491-18A	
		75	3560	79	126	4-481-11D	
		75	3560	84	136	4-491-11A	
115	265	100	1770	96	132	4-492-18	
		100	1770	105	123	5-491-18A	
		75	3560	83	131	4-481-11D	
		75	3560	86	141	4-491-11A	
120	277	100	1770	100	137	4-492-18	
		100	1770	110	128	5-491-18A	
		75	3560	86	136	4-481-11D	
		100	3560	92	146	4-491-11A	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
<b>750 GPM</b>	125	289	100	1770	105	144	4-492-18
			100	1770	115	133	5-491-18A
			100	3560	94	144	4-481-11D
			100	3560	97	150	4-491-11A
	130	300	125	1770	120	138	5-491-18A
			100	3560	98	147	4-481-11D
			100	3560	100	155	4-491-11A
	135	312	125	1770	125	143	5-491-18A
			100	3560	102	152	4-481-11D
			100	3560	102	160	4-491-11A
	140	323	125	1770	130	149	5-491-18A
			125	1770	133	148	6-485-17A
			100	3560	106	155	4-481-11D
	142	328	100	3560	110	165	4-491-11A
			125	1770	135	149	5-491-18A
			125	1770	135	150	5-491-18A
	143	330	100	3560	103	174	4-491-11C
			125	1770	138	153	6-485-17A
			100	3560	110	160	4-481-11D
	145	335	100	3560	113	171	4-491-11A
			100	3560	105	179	4-491-11C
			150	1770	144	158	6-485-17A
	150	347	100	3560	114	165	4-481-11D
			125	3560	119	177	4-491-11A
			100	3560	109	184	4-491-11C
	155	358	150	1770	150	163	6-485-17A
			125	3560	116	170	4-481-11D
			125	3560	126	181	4-491-11A
	158	365	100	3560	114	189	4-491-11C
			125	1770	127	180	6-485-16B
			125	1770	129	184	6-485-16B
	160	369	150	1770	156	168	6-485-17A
			125	3560	119	176	4-481-11D
			125	3560	133	186	4-491-11A
			125	3560	118	195	4-491-11C
	165	381	125	1770	133	189	6-485-16B
			150	1770	162	173	6-485-17A
			125	3560	123	180	4-481-11D
			125	3560	138	191	4-491-11A
	170	392	125	3560	125	201	4-491-11C
			125	1770	138	195	6-485-16B
			150	1770	168	179	6-485-17A
125			3560	128	186	4-481-11D	
175	404	125	3560	142	195	4-491-11A	
		125	3560	130	205	4-491-11C	
		125	1770	143	202	6-485-16B	
		200	1770	175	184	6-485-17A	
180	415	125	3560	133	192	4-481-11D	
		150	3560	144	200	4-491-11A	
		125	3560	132	210	4-491-11C	
		150	1770	148	209	6-485-16B	
185	427	200	1770	182	189	6-485-17A	
		125	3560	138	198	4-481-11D	
		150	3560	147	204	4-491-11A	
		125	3560	140	215	4-491-11C	
185	427	125	3560	143	217	6-491-12A	
		150	1770	153	214	6-485-16B	
		200	1770	188	194	6-485-17A	
		150	3560	150	208	4-491-11A	
		150	3560	149	220	4-491-11C	
185	427	150	3560	147	220	6-491-12A	
		150	3560	149	220	6-491-12A	
		150	3560	149	206	4-481-11D	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
<b>750 GPM</b>	190	438	150	1770	159	221	6-485-16B
			200	1770	195	199	6-485-17A
			150	3560	155	213	4-491-11A
			150	3560	157	226	4-491-11C
			150	3560	151	223	6-491-12A
	192	443	150	3560	155	215	4-481-11D
			150	3560	171	212	4-481-11C
	195	450	150	1770	164	225	6-485-16B
			200	1770	200	203	6-485-17A
			150	3560	160	217	4-491-11A
			150	3560	164	231	4-491-11C
	200	461	150	3560	155	226	6-491-12A
			150	1770	171	229	6-485-16B
			200	1770	206	208	6-485-17A
			150	3560	166	222	4-491-11A
			150	3560	166	236	4-491-11C
	203	468	150	3560	158	230	6-491-12A
			200	1770	174	231	6-485-16B
	205	474	200	1770	211	214	6-485-17A
			150	3560	172	227	4-491-11A
			150	3560	170	240	4-491-11C
			150	3560	162	234	6-491-12A
	209	483	200	3560	179	245	4-491-11C
	210	485	200	1770	222	219	6-485-17A
			200	3560	175	232	4-491-11A
			150	3560	166	240	6-491-12A
	215	497	250	1770	231	225	6-485-17A
			200	3560	180	236	4-491-11A
			150	3560	172	245	6-491-12A
	220	508	250	1770	241	230	6-485-17A
			200	3560	215	241	4-491-11A
			200	3560	179	250	6-491-12A
			250	1770	250	235	6-485-17A
	225	520	200	3560	220	243	4-491-11A
			200	3560	189	255	6-491-12A
			250	1770	259	240	6-485-17A
	230	531	250	1770	259	240	6-485-17A
			200	3560	228	246	4-491-11A
			200	3560	198	259	6-491-12A
	235	543	250	1770	268	244	6-485-17A
200			3560	205	266	6-491-12A	
240	554	250	1770	275	248	6-485-17A	
		200	3560	211	272	6-491-12A	
		300	1770	290	253	6-485-17A	
245	556	200	3560	216	277	6-491-12A	
		200	3560	220	284	6-491-12A	
250	578	200	3560	220	284	6-491-12A	
255	591	200	3560	223	289	6-491-12A	
260	601	200	3560	227	293	6-491-12A	
265	612	200	3560	230	300	6-491-12A	
305	704	250	3560	247	374	6-485-12	
310	716	250	3560	248	379	6-485-12	
315	728	250	3560	257	384	6-485-12	
320	739	250	3560	262	389	6-485-12	
325	751	250	3560	267	394	6-485-12	
330	762	250	3560	272	399	6-485-12	
335	774	250	3560	277	404	6-485-12	
340	785	250	3560	283	408	6-485-12	
345	797	300	3560	288	414	6-485-12	
350	809	300	3560	293	418	6-485-12	
355	820	300	3560	297	424	6-485-12	
360	832	300	3560	302	428	6-485-12	
365	843	300	3560	308	434	6-485-12	
370	855	300	3560	317	438	6-485-12	

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





**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
			Motor HP	Speed (RPM)	Horsepower (BHP)		
	PSI	Feet					
<b>7 5 0  G P M</b>	375	866	300	3560	326	444	6-485-12
	380	878	300	3560	336	448	6-485-12
	385	889	350	3560	346	453	6-485-12
	390	901	350	3560	352	458	6-485-12
	395	912	350	3560	357	463	6-485-12
	400	924	350	3560	363	467	6-485-12
	405	936	350	3560	368	472	6-485-12
	410	947	350	3560	374	477	6-485-12
	415	959	350	3560	379	481	6-485-12
	420	970	350	3560	385	486	6-485-12
	425	982	350	3560	390	491	6-485-12
	430	993	350	3560	394	485	6-485-12
	435	1005	350	3560	397	500	6-485-12
	440	1016	350	3560	402	504	6-485-12
	445	1028	400	3560	410	509	6-485-12
	450	1040	400	3560	418	514	6-485-12
	455	1051	400	3560	425	518	6-485-12
	460	1063	400	3560	435	523	6-485-12
	465	1074	400	3560	445	527	6-485-12
	470	1086	400	3560	453	532	6-485-12
475	1097	450	3560	461	537	6-485-12	
480	1109	450	3560	471	540	6-485-12	
485	1120	450	3560	480	546	6-485-12	
490	1132	450	3560	490	550	6-485-12	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
			Motor HP	Speed (RPM)	Horsepower (BHP)		
	PSI	Feet					
<b>1000 GPM</b>	40	92	30	1770	34	55	6-481-11
	45	104	40	1770	40	60	6-481-11
	50	116	40	1770	45	61	5-481-15
			40	1770	46	65	6-481-11
	51	118	50	1770	47	65	5-491-14A
	55	127	50	1770	50	65	5-481-15
			50	1770	50	70	5-491-14A
	60	139	50	1770	55	70	5-481-15
			50	1770	57	75	5-491-14A
	65	150	60	1770	61	75	5-481-15
			60	1770	63	80	5-491-14A
	70	162	60	1770	67	79	5-481-15
			60	1770	67	85	5-491-14A
	75	173	75	1770	74	85	5-481-15
			75	1770	77	88	5-491-14A
	80	185	75	1770	80	89	5-481-15
			100	1770	87	93	5-491-14A
	85	196	75	1770	87	95	5-481-15
			100	1770	95	98	5-491-14A
			100	1770	87	97	5-491-18A
	88	203	100	1770	99	103	5-491-14A
			100	3560	94	100	6-481-11HH
	90	208	100	1770	93	99	5-481-15
			75	1770	86	96	5-481-17
			100	1770	98	106	5-491-18A
			75	3560	81	110	5-481-11C
	95	219	100	3560	95	104	6-481-11HH
			100	1770	96	101	5-481-17
			100	1770	99	110	5-491-18A
			75	3560	84	116	5-481-11C
	100	231	100	3560	98	108	6-481-11HH
			100	1770	105	106	5-481-17
			100	1770	109	114	5-491-18A
			75	3560	86	120	5-481-11C
	105	242	100	3560	99	112	6-481-11HH
			100	1770	112	111	5-481-17
			100	1770	114	119	5-491-18A
			100	3560	91	125	5-481-11C
	110	254	100	3560	111	116	6-481-11HH
			125	1770	118	116	5-481-17
			125	1770	121	124	5-491-18A
			100	3560	97	131	5-481-11C
	115	265	125	3560	120	120	6-481-11HH
			125	1770	127	121	5-481-17
			125	1770	129	129	5-491-18A
			100	3560	103	135	5-481-11C
	120	277	125	3560	124	125	6-481-11HH
			125	1770	136	127	5-481-17
			125	1770	132	134	5-491-18A
			125	3560	119	146	5-481-11B
125	289	100	3560	109	142	5-481-11C	
		125	3560	130	129	6-481-11HH	
		150	1770	146	133	5-481-17	
		125	1770	137	137	5-491-18A	
130	300	125	3560	122	150	5-481-11B	
		100	3560	113	146	5-481-11C	
		125	3560	136	134	6-481-11HH	
		150	1770	147	141	5-491-18A	
		125	1770	128	148	6-485-17A	
		125	3560	130	158	5-481-11B	
		125	3560	119	152	5-481-11C	
		125	3560	142	139	6-481-11HH	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
<b>1000 GPM</b>	135	312	150	1770	151	148	5-491-18A
			125	1770	133	151	6-485-17A
			125	3560	134	163	5-481-11B
			125	3560	123	157	5-481-11C
			150	3560	148	143	6-481-11HH
	140	323	125	1770	138	157	6-485-17A
			125	3560	136	166	5-481-11B
			125	3560	128	162	5-481-11C
			150	3560	153	149	6-481-11HH
	144	332	125	1770	127	177	6-485-16B
	145	335	125	1770	129	181	6-485-16B
			125	1770	143	161	6-485-17A
			125	3560	143	172	5-481-11B
			125	3560	136	170	5-481-11C
			150	3560	163	154	6-481-11HH
	149	344	150	1770	154	181	6-485-16
	150	347	150	1770	156	185	6-485-16
			125	1770	134	185	6-485-16B
			150	1770	149	165	6-485-17A
			150	3560	149	177	5-481-11B
			125	3560	142	176	5-481-11C
			150	3560	170	159	6-481-11HH
	154	356	200	3560	185	163	6-481-14HH
	155	358	150	1770	161	189	6-485-16
			125	1770	140	193	6-485-16B
			150	1770	155	171	6-485-17A
			150	3560	155	182	5-481-11B
			150	3560	148	182	5-481-11C
			200	3560	176	164	6-481-11HH
			200	3560	186	167	6-481-14HH
	160	370	150	1770	167	193	6-485-16
			150	1770	146	200	6-485-16B
			150	1770	161	175	6-485-17A
			150	3560	160	186	5-481-11B
			150	3560	153	179	5-481-11C
			200	3560	181	169	6-481-11HH
			200	3560	190	171	6-481-14HH
			200	1770	173	197	6-485-16
	165	381	150	1770	150	207	6-485-16B
			150	1770	167	180	6-485-17A
			150	3560	170	195	5-481-11B
			200	3560	186	174	6-481-11HH
			200	3560	200	175	6-481-14HH
			200	1770	178	201	6-485-16
	170	393	150	1770	158	212	6-485-16B
			150	1770	172	185	6-485-17A
			150	3560	172	201	5-481-11B
			200	3560	193	178	6-481-11HH
200			3560	207	179	6-481-14HH	
200			1770	184	208	6-485-16	
150			1770	162	217	6-485-16B	
175	404	200	1770	180	190	6-485-17A	
		200	3560	188	206	5-481-11B	
		200	3560	200	182	6-481-11HH	
		200	3560	214	183	6-481-14HH	
		200	1770	190	213	6-485-16	
180	416	150	1770	167	222	6-485-16B	
		200	1770	188	196	6-485-17A	
		200	3560	195	209	5-481-11B	
		200	3560	207	187	6-481-11HH	
		200	3560	225	188	6-481-14HH	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
<b>1000 GPM</b>	185	427	200	1770	196	218	6-485-16
			200	1770	174	227	6-485-16B
			200	1770	195	201	6-485-17A
			200	3560	207	216	5-481-11B
			200	3560	214	191	6-481-11HH
			250	3560	233	193	6-481-14HH
	188	434	200	1770	178	232	6-485-16B
	190	439	200	1770	201	224	6-485-16
			200	1770	200	206	6-485-17A
			200	3560	220	223	5-481-11B
			200	3560	222	195	6-481-11HH
			250	3560	240	196	6-481-14HH
	195	450	200	1770	207	231	6-485-16
			200	1770	206	211	6-485-17A
			200	3560	227	227	5-481-11B
			200	3560	229	201	6-481-11HH
			250	3560	245	198	6-481-14HH
	199	460	200	1770	215	235	6-485-16
	200	462	200	1770	220	236	6-485-16
			200	1770	211	216	6-485-17A
			200	3560	230	230	5-481-11B
			250	3560	236	206	6-481-11HH
			250	3560	250	203	6-481-14HH
	205	474	200	1770	222	222	6-485-17A
			250	3560	248	211	6-481-11HH
			250	3560	261	208	6-481-14HH
	210	485	200	1770	230	227	6-485-17A
			250	3560	256	218	6-481-11HH
			250	3560	270	213	6-481-14HH
	215	497	250	1770	235	232	6-485-17A
			250	3560	270	223	6-481-11HH
			250	3560	278	218	6-481-14HH
	219	506	250	3560	272	230	6-481-11HH
	220	508	250	1770	241	238	6-485-17A
			250	3560	285	222	6-481-14HH
	225	520	250	1770	246	243	6-485-17A
300			3560	293	228	6-481-14HH	
230	531	250	1770	252	246	6-485-17A	
		300	3560	305	233	6-481-14HH	
		250	1770	258	249	6-485-17A	
235	543	300	3560	314	238	6-481-14HH	
		250	1770	270	251	6-485-17A	
240	555	300	3560	320	243	6-481-14HH	
		300	3560	327	248	6-481-14HH	
245	566	300	3560	330	253	6-481-14HH	
255	589	300	3560	340	259	6-481-14HH	
260	601	350	3560	348	264	6-481-14HH	
265	612	350	3560	356	269	6-481-14HH	
270	624	350	3560	365	273	6-481-14HH	
275	635	350	3560	376	277	6-481-14HH	
280	647	350	3560	384	282	6-481-14HH	
285	658	350	3560	393	286	6-481-14HH	
287	663	400	3560	410	290	6-481-14HH	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

**Section 912 Page 313**  
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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
1 2 5 0  G P M	45	104	50	1770	56	50	8-481-12
	50	115	60	1770	64	55	8-481-12
	52	120	60	1770	69	59	8-481-12
	55	127	60	1770	64	65	6-481-15
			50	1770	58	64	6-481-15C
	60	139	60	1770	68	71	6-481-15
			60	1770	65	69	6-481-15C
	65	150	75	1770	75	77	6-481-15
			60	1770	69	74	6-481-15C
	70	162	75	1770	85	81	6-481-15
			75	1770	80	79	6-481-15C
	75	173	75	1770	84	93	5-491-14A
			100	1770	94	86	6-481-15
			75	1770	85	84	6-481-15C
	80	185	100	1770	93	98	5-491-14A
			100	1770	100	90	6-481-15
			100	1770	98	89	6-481-15C
	84	194	100	1770	98	102	5-491-14A
	85	196	100	1770	110	94	6-481-15
			100	1770	105	94	6-481-15C
			100	1770	112	96	6-481-20
	88	203	100	1750	107	94	6-471-16A
			100	1750	110	96	6-471-16A
	90	208	125	1770	119	98	6-481-15
			100	1770	110	100	6-481-15C
			125	1770	119	101	6-481-20
			125	1750	118	100	6-471-16A
	95	219	125	1770	128	103	6-481-15
			100	1770	115	105	6-481-15C
			125	1770	126	110	6-481-20
	100	231	125	1750	126	105	6-471-16A
			125	1770	126	111	6-481-18B
125			1770	134	114	6-481-20	
105	243	125	1750	135	110	6-471-16A	
		125	1770	134	116	6-481-18B	
		125	1770	141	118	6-481-20	
110	254	150	1750	144	115	6-471-16A	
		125	1770	141	121	6-481-18B	
		150	1770	149	122	6-481-20	
115	266	150	1750	153	120	6-471-16A	
		150	1770	148	126	6-481-18B	
		150	1770	157	125	6-481-20	
120	277	150	1750	162	125	6-471-16A	
		150	1770	156	132	6-481-18B	
		150	1770	165	135	6-481-20	
125	289	150	1750	171	133	6-471-16A	
		150	1770	164	137	6-481-18B	
		150	1770	172	138	6-481-20	
128	296	200	1750	177	133	6-471-16A	
130	300	150	1770	172	142	6-481-18B	
		200	1770	180	141	6-481-20	
132	305	150	3560	156	145	6-481-11HH	
135	312	200	1770	184	148	6-481-18B	
		200	1770	187	147	6-481-20	
		150	3560	167	150	6-481-11HH	
136	314	200	1770	230	140	8-481-21	
138	319	150	1770	162	181	6-485-16	
139	321	150	1770	164	183	6-485-16	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
<b>1 2 5 0  G P M</b>	140	323	200	1770	196	152	6-481-18B
			200	1770	195	151	6-481-20
			250	1770	240	145	8-481-21
			150	3560	170	155	6-481-11HH
	144	333	150	1770	170	188	6-485-16
	145	335	200	1770	219	154	6-481-20
			250	1770	251	150	8-481-21
			200	3560	176	160	6-481-11HH
			200	3560	194	169	6-481-14HH
	149	344	200	1770	176	193	6-485-16
	150	347	200	1770	230	161	6-481-20
			250	1770	263	154	8-481-21
			200	3560	183	166	6-481-11HH
			200	3560	202	172	6-481-14HH
	154	355	200	1770	183	199	6-485-16
	155	358	250	1770	243	168	6-481-20
			250	1770	273	159	8-481-21
			200	3560	191	171	6-481-11HH
			200	3560	208	176	6-481-14HH
	159	367	200	1770	189	203	6-485-16
	160	370	250	1770	254	172	6-481-20
			300	1770	298	164	8-481-21
			200	3560	194	175	6-481-11HH
			200	3560	214	179	6-481-14HH
	164	378	200	1770	195	206	6-485-16
	165	381	250	1770	264	179	6-481-20
			300	1770	314	168	8-481-21
			200	3560	208	180	6-481-11HH
			200	3560	220	183	6-481-14HH
	168	388	250	1770	268	182	6-481-20
	170	393	200	1770	202	216	6-485-16
			300	1770	327	174	8-481-21
200			3560	216	184	6-481-11HH	
200			3560	230	186	6-481-14HH	
174	401	200	1770	208	220	6-485-16	
175	404	300	1770	345	179	8-481-21	
		200	3560	222	189	6-481-11HH	
		250	3560	238	190	6-481-14HH	
179	413	200	1770	214	225	6-485-16	
180	416	350	1770	368	185	8-481-21	
		200	3560	230	193	6-481-11HH	
		250	3560	240	193	6-481-14HH	
184	425	200	1770	220	230	6-485-16	
185	427	350	1770	386	191	8-481-21	
		250	3560	238	198	6-481-11HH	
		250	3560	248	196	6-481-14HH	
187	432	200	1770	220	233	6-485-16	
188	435	200	1770	225	236	6-485-16	
189	437	200	1770	230	239	6-485-16	
190	439	400	1770	404	196	8-481-21	
		250	3560	245	202	6-481-11HH	
		250	3560	256	200	6-481-14HH	
195	450	400	1770	420	200	8-481-21	
		250	3560	250	206	6-481-11HH	
		250	3560	262	203	6-481-14HH	
197	455	400	1770	426	203	8-481-21	
200	462	250	3560	258	211	6-481-11HH	
		250	3560	270	209	6-481-14HH	
205	474	250	3560	268	216	6-481-11HH	
		250	3560	275	215	6-481-14HH	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
<b>1 2 5 0  G P M</b>	210	485	250	3560	277	225	6-481-11HH
			250	3560	283	222	6-481-14HH
	215	495	250	3560	287	230	6-481-11HH
			300	3560	292	227	6-481-14HH
	216	499	300	3560	288	231	6-481-11HH
	220	508	300	3560	300	231	6-481-14HH
	225	520	300	3560	310	235	6-481-14HH
	230	531	300	3560	318	239	6-481-14HH
	235	543	300	3560	329	243	6-481-14HH
	240	554	300	3560	338	247	6-481-14HH
	245	566	300	3560	344	252	6-481-14HH
	250	578	350	3560	352	257	6-481-14HH
	255	589	350	3560	361	260	6-481-14HH
	260	601	350	3560	375	264	6-481-14HH
	265	612	350	3560	381	268	6-481-14HH
	270	624	350	3560	393	273	6-481-14HH
	275	635	400	3560	403	278	6-481-14HH
	280	647	400	3560	412	282	6-481-14HH
285	658	400	3560	425	287	6-481-14HH	
287	663	400	3560	430	292	6-481-14HH	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
<b>1500 GPM</b>	40	92	50	1770	52	47	8-481-12
	45	104	60	1770	62	53	8-481-12
	50	115	75	1770	71	58	8-481-12
	51	115	60	1770	64	65	6-481-15
	55	127	60	1770	68	70	6-481-15
	60	139	75	1770	75	74	6-481-15
	65	150	75	1770	84	78	6-481-15
	70	162	100	1770	94	82	6-481-15
	71	164	75	1770	86	84	6-481-15C
	75	173	100	1770	100	88	6-481-15
			100	1770	93	89	6-481-15C
	76	175	100	1770	99	99	6-491-14C
			100	1770	110	93	6-481-15
	80	185	100	1770	102	97	6-481-15C
			100	1770	112	96	6-481-20
			100	1770	105	103	6-491-14C
			100	1770	107	94	6-471-16A
	84	194	100	1750	109	95	6-471-16A
			125	1770	119	98	6-481-15
	85	196	100	1770	110	100	6-481-15C
			125	1770	119	102	6-481-20
			100	1770	110	108	6-491-14C
			100	1770	113	109	6-491-14C
	86	199	125	1750	117	100	6-471-16A
			125	1770	128	104	6-481-15
	90	208	100	1770	115	106	6-481-15C
			125	1770	126	107	6-481-20
			125	1770	121	107	6-481-15C
	91	210	125	1750	125	105	6-471-16A
			125	1770	132	116	6-481-18B
	95	219	125	1770	134	113	6-481-20
			125	1750	133	109	6-471-16A
			125	1770	136	121	6-481-18B
	100	231	125	1770	141	118	6-481-20
			125	1750	142	114	6-471-16A
			125	1770	143	125	6-481-18B
	105	243	150	1770	149	123	6-481-20
			150	1750	150	119	6-471-16A
			150	1770	150	129	6-481-18B
	110	254	150	1770	157	128	6-481-20
			150	1750	159	124	6-471-16A
			150	1770	157	134	6-481-18B
	115	266	150	1770	165	133	6-481-20
			150	1750	169	133	6-471-16A
			150	1770	164	138	6-481-18B
	120	277	150	1770	172	138	6-481-20
			200	1750	177	133	6-471-16A
	124	286	150	1770	172	143	6-481-18B
			200	1770	180	143	6-481-20
	125	289	200	1770	184	149	6-481-18B
200			1770	187	148	6-481-20	
130	300	200	1770	195	152	6-481-18B	
		200	1770	195	153	6-481-20	
134	310	200	1770	230	140	8-481-21	
		200	1770	216	158	6-481-20	
135	312	200	1770	243	146	8-481-21	
		250	1770	243	146	8-481-21	
140	323	200	1770	184	161	6-481-11HH	
		200	1770	228	163	6-481-20	
142	328	200	3560	184	161	6-481-11HH	
		200	1770	228	163	6-481-20	
145	335	250	1770	253	151	8-481-21	
		200	1770	195	166	6-481-11HH	
		200	3560	195	166	6-481-11HH	

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





**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
<b>1500 GPM</b>	150	347	250	1770	241	167	6-481-20
			250	1770	266	156	8-481-21
			200	3560	197	171	6-481-11HH
	155	358	250	1770	250	173	6-481-20
			250	1770	275	161	8-481-21
			200	3560	205	176	6-481-11HH
	158	365	200	3560	222	185	6-481-14HH
	160	369	250	1770	260	178	6-481-20
			300	1770	304	165	8-481-21
			200	3560	213	182	6-481-11HH
	165	381	200	3560	229	189	6-481-14HH
			250	1770	268	182	6-481-20
			300	1770	316	170	8-481-21
	170	392	200	3560	221	187	6-481-11HH
			250	3560	236	192	6-481-14HH
			300	1770	332	175	8-481-21
	175	404	200	3560	230	192	6-481-11HH
			250	3560	243	195	6-481-14HH
			350	1770	353	180	8-481-21
	180	415	250	3560	235	197	6-481-11HH
			250	3560	251	198	6-481-14HH
			350	1770	370	186	8-481-21
	185	427	250	3560	243	202	6-481-11HH
			250	3560	260	202	6-481-14HH
			350	1770	396	191	8-481-21
	190	439	250	3560	253	206	6-481-11HH
			250	3560	269	205	6-481-14HH
			400	1770	410	197	8-481-21
	195	450	250	3560	262	210	6-481-11HH
			250	3560	280	211	6-481-14HH
			400	1770	426	202	8-481-21
	200	462	250	3560	270	214	6-481-11HH
			250	3560	287	216	6-481-14HH
			400	1770	442	206	8-481-21
205	474	250	3560	279	219	6-481-11HH	
207	478	300	3560	302	220	6-481-14HH	
209	483	300	3560	315	225	6-481-14HH	
210	485	300	3560	294	229	6-481-11HH	
215	497	300	3560	297	227	6-481-11HH	
220	508	300	3560	323	230	6-481-14HH	
225	520	300	3560	330	235	6-481-14HH	
230	531	300	3560	335	240	6-481-14HH	
235	543	300	3560	340	245	6-481-14HH	
240	554	300	3560	345	250	6-481-14HH	
245	567	350	3560	355	255	6-481-14HH	
250	578	350	3560	370	260	6-481-14HH	
255	589	350	3560	385	265	6-481-14HH	
260	601	400	3560	403	270	6-481-14HH	
265	612	400	3560	410	275	6-481-14HH	
270	624	400	3560	418	280	6-481-14HH	
275	635	400	3560	428	285	6-481-14HH	
280	647	400	3560	441	289	6-481-14HH	
283	654	450	3560	466	293	6-481-14HH	
		450	3560	472	297	6-481-14HH	
		450	3560	477	300	6-481-14HH	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
			Motor HP	Speed (RPM)	Horsepower (BHP)		
	PSI	Feet					
<b>2000 GPM</b>	53	122	100	1770	103	63	8-481-17B
	55	127	100	1770	107	66	8-481-17B
	60	138	125	1770	119	70	8-481-17B
	65	150	125	1770	129	76	8-481-17B
	70	161	125	1770	139	82	8-481-17B
	71	164	100	1780	115	84	8-471-13A
	75	173	150	1770	151	86	8-481-17B
			125	1780	124	89	8-471-13A
	80	185	125	1770	133	97	6-481-15B
			150	1770	165	91	8-481-17B
			125	1780	134	93	8-471-13A
	85	196	150	1770	146	102	6-481-15B
			150	1770	172	99	8-481-17B
			150	1780	146	98	8-471-13A
			150	1780	151	98	8-471-16A
	90	208	150	1770	156	107	6-481-15B
			150	1770	158	110	6-491-18C
			200	1770	184	106	8-481-17B
			150	1780	160	105	8-471-13A
	91	210	150	1780	162	102	8-471-16A
			150	1770	163	105	8-471-13A
			150	1770	164	112	6-481-15B
	95	219	150	1770	167	115	6-491-18C
			200	1770	193	112	8-481-17B
			200	1780	178	108	8-471-16A
	100	231	150	1770	172	120	6-481-15B
			200	1770	189	122	6-481-18C
			200	1770	178	120	6-491-18C
			200	1770	203	117	8-481-17B
			200	1780	191	112	8-471-16A
	105	242	200	1770	198	130	6-481-18C
			200	1770	185	124	6-491-18C
			200	1770	190	130	6-491-19A
			200	1770	214	121	8-481-17B
			200	1780	208	117	8-471-16A
	110	254	200	1770	208	135	6-481-18C
			200	1770	200	129	6-491-18C
			200	1770	200	134	6-491-19A
			200	1770	226	126	8-481-17B
			200	1780	225	123	8-471-16A
	115	265	200	1770	217	140	6-481-18C
			200	1770	209	134	6-491-18C
			200	1770	210	138	6-491-19A
			250	1770	239	131	8-481-17B
			250	1780	241	127	8-471-16A
	120	277	200	1770	226	145	6-481-18C
			200	1770	220	138	6-491-18C
			200	1770	222	143	6-491-19A
			250	1770	252	136	8-481-17B
			250	1780	261	133	8-471-16A
125	289	200	1770	230	148	6-481-18C	
		200	1770	221	148	6-481-20	
		200	1770	230	142	6-491-18C	
		250	1770	235	148	6-491-19A	
		250	1770	266	141	8-481-17B	
		250	1780	279	138	8-471-16A	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
<b>2000 GPM</b>	130	300	250	1770	235	153	6-481-18C
			200	1770	226	154	6-481-20
			250	1770	247	149	6-491-18C
			250	1770	242	153	6-491-19A
			250	1770	282	146	8-481-17B
			250	1770	252	146	8-481-21
	300	1780	298	143	8-471-16A		
	131	303	250	1750	248	147	8-471-20A
	132	305	250	1770	252	151	6-491-18C
	134	310	250	1770	263	157	6-491-18C
	135	312	250	1770	243	157	6-481-18C
			250	1770	238	159	6-481-20
			250	1770	255	158	6-491-19A
			250	1770	265	151	8-481-21
			300	1780	321	149	8-471-16A
			250	1770	251	161	6-481-18C
	140	323	250	1770	243	165	6-481-20
			250	1770	266	162	6-491-19A
			250	1770	275	155	8-481-21
			300	1780	342	154	8-471-16A
	145	335	250	1770	248	170	6-481-20
			250	1770	280	166	6-491-19A
			300	1770	294	158	8-481-21
	150	347	350	1780	364	159	8-471-16A
			250	1770	263	176	6-481-20
			300	1770	293	172	6-491-19A
	154	356	300	1770	313	161	8-481-21
			300	1770	304	176	6-491-19A
			300	1770	332	165	8-481-21
	155	358	300	1770	332	165	8-481-21
	157	363	300	1770	314	182	6-491-19A
	160	369	300	1770	338	172	8-481-21
	165	381	300	1770	345	178	8-481-21
			350	1770	362	181	8-481-24
	170	392	350	1770	375	183	8-481-21
			350	1770	378	188	8-481-24
175	404	350	1770	390	188	8-481-21	
		350	1770	392	192	8-481-24	
180	415	350	1770	402	192	8-481-21	
		400	1770	408	196	8-481-24	
185	427	400	1770	432	196	8-481-21	
		400	1770	422	201	8-481-24	
190	439	400	1770	453	201	8-481-21	
		400	1770	438	205	8-481-24	
195	450	400	1770	460	205	8-481-21	
		400	1770	452	209	8-481-24	
200	462	450	1770	468	214	8-481-24	
205	474	450	1770	484	219	8-481-24	
210	485	450	1770	498	223	8-481-24	
214	494	450	1770	510	228	8-481-24	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
			Motor HP	Speed (RPM)	Horsepower (BHP)		
	PSI	Feet					
<b>2500 GPM</b>	50	115	100	1770	109	65	8-491-14A
	55	127	100	1770	113	71	8-491-14A
	60	139	125	1770	129	76	8-491-14A
	65	150	125	1770	140	82	8-491-14A
	70	162	150	1770	159	87	8-491-14A
	75	173	150	1770	166	95	8-481-17B
			200	1770	178	95	8-491-14A
			150	1770	163	94	8-491-18A
	78	180	150	1780	151	98	8-471-16A
	79	183	200	1770	193	101	8-491-14A
	80	185	150	1770	172	100	8-481-17B
			200	1770	195	101	8-491-14A
			200	1770	173	100	8-491-18A
			150	1780	157	100	8-471-16A
	84	194	200	1770	197	107	8-491-14A
	85	196	200	1770	182	105	8-481-17B
			200	1770	183	105	8-491-18A
			150	1780	171	105	8-471-16A
	90	208	200	1770	194	110	8-481-17B
			200	1770	200	110	8-491-18A
			200	1780	183	109	8-471-16A
	95	219	200	1770	206	115	8-481-17B
			200	1770	214	114	8-491-18A
			200	1780	197	114	8-471-16A
	100	231	200	1770	220	120	8-481-17B
			200	1770	220	121	8-491-18A
			200	1780	214	119	8-471-16A
	105	242	200	1770	230	125	8-481-17B
			250	1770	236	126	8-491-18A
			250	1780	230	124	8-471-16A
	110	254	250	1770	243	130	8-481-17B
			250	1770	250	131	8-491-18A
			250	1780	246	129	8-471-16A
	115	265	250	1770	255	136	8-481-17B
			250	1770	261	135	8-491-18A
			250	1780	263	134	8-471-16A
	120	277	250	1770	272	140	8-481-17B
			250	1770	278	140	8-491-18A
			250	1780	282	139	8-471-16A
	123	284	250	1770	282	139	8-481-21A
	125	289	250	1770	282	146	8-481-17B
			300	1770	291	145	8-491-18A
			250	1770	287	141	8-481-21A
			300	1780	301	144	8-471-16A
	130	300	300	1770	302	150	8-481-17B
			300	1770	294	150	8-481-21A
			300	1770	319	149	8-491-18A
			300	1780	321	149	8-471-16A
	131	303	300	1780	319	149	10-471-20B
	132	306	300	1770	333	155	8-491-18A
134	310	300	1750	314	153	8-471-20B	
135	312	300	1750	318	155	8-471-20B	
		300	1770	324	156	8-481-21A	
		300	1770	335	155	8-491-18A	
		300	1780	342	154	8-471-16A	
		300	1780	328	153	10-471-20B	
139	321	300	1770	338	159	8-491-18A	
140	323	300	1750	330	159	8-471-20B	
		300	1770	339	160	8-481-21A	
		300	1770	345	160	8-491-18A	
		350	1780	364	159	8-471-16A	
		300	1780	340	158	10-471-20B	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
2500 GPM	141	326	300	1770	345	161	8-491-18A
	145	335	350	1750	345	164	8-471-20B
			350	1770	360	164	8-481-21A
	150	347	350	1780	356	163	10-471-20B
			350	1750	359	168	8-471-20B
	155	358	350	1770	373	170	8-481-21A
			350	1780	371	168	10-471-20B
	160	370	350	1750	373	173	8-471-20B
			350	1770	387	177	8-471-20B
	162	374	350	1750	387	177	8-471-20B
			400	1770	397	180	8-481-21A
	165	381	400	1780	405	178	10-471-20B
			400	1770	404	180	8-481-24
	170	393	350	1750	402	182	8-471-20B
			400	1770	415	184	8-481-21A
	175	404	400	1770	420	183	8-481-24
			400	1780	425	184	10-471-20B
	180	416	400	1750	417	186	8-471-20B
			400	1770	436	189	8-481-21A
	185	427	400	1770	432	188	8-481-24
			400	1780	445	189	10-471-20B
	190	439	400	1750	433	191	8-471-20B
			400	1770	457	193	8-481-21A
	192	444	400	1770	448	193	8-481-24
			450	1780	464	194	10-471-20B
	193	446	400	1750	449	196	8-471-20B
			450	1770	477	197	8-481-21A
	195	450	450	1770	466	198	8-481-24
			450	1780	488	199	10-471-20B
	200	462	450	1750	466	200	8-471-20B
			450	1770	497	201	8-481-21A
	205	474	450	1770	482	203	8-481-24
			450	1780	509	204	10-471-20B
	210	485	450	1750	480	204	8-471-20B
			500	1770	523	205	8-481-21A
	215	497	450	1770	500	208	8-481-24
			500	1780	536	210	10-471-20B
	219	506	500	1770	538	209	8-481-21A
			500	1770	540	210	8-481-21A
	200	462	450	1750	498	209	8-471-20B
500			1770	518	212	8-481-24	
205	474	500	1780	559	215	10-471-20B	
		450	1750	516	214	8-471-20B	
210	485	500	1770	534	216	8-481-24	
		600	1780	584	220	10-471-20B	
215	497	500	1750	531	218	8-471-20B	
		500	1770	552	220	8-481-24	
219	506	600	1780	610	225	10-471-20B	
		500	1750	550	223	8-471-20B	
200	462	500	1770	568	225	8-481-24	
		500	1750	563	231	8-471-20B	
205	474	600	1770	586	229	8-481-24	
		600	1750	579	231	8-471-20B	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
			Motor HP	Speed (RPM)	Horsepower (BHP)		
	PSI	Feet					
3000 GPM	64	148	150	1750	153	77	10-471-16A
	65	150	150	1750	155	78	10-471-16A
	70	162	150	1750	167	83	10-471-16A
	75	173	200	1750	180	89	10-471-16A
	80	185	200	1750	195	94	10-471-16A
	85	196	200	1750	220	99	10-471-16A
	90	208	250	1750	230	104	10-471-16A
			250	1770	262	98	10-481-18D
	95	219	250	1750	251	109	10-471-16A
			250	1770	275	104	10-481-18D
	100	231	250	1750	272	114	10-471-16A
			300	1770	317	110	10-481-18
			300	1770	307	110	10-481-18D
	103	238	250	1770	260	134	8-491-18A
	105	243	300	1750	294	119	10-471-16A
			300	1770	334	116	10-481-18
			300	1770	324	115	10-481-18D
			250	1770	269	136	8-491-18A
	110	254	300	1750	317	125	10-471-16A
			350	1770	365	122	10-481-18
			350	1770	357	120	10-481-18D
			250	1770	280	141	8-491-18A
	115	266	300	1750	339	129	10-471-16A
			350	1770	385	126	10-481-18
			350	1770	378	124	10-481-18D
			250	1770	287	146	8-491-18A
	117	270	300	1750	338	127	10-471-20A
	120	277	350	1750	366	134	10-471-16A
			350	1750	349	130	10-471-20A
			350	1770	400	132	10-481-18
			350	1770	402	130	10-481-18D
			300	1770	314	151	8-491-18A
	125	289	350	1750	397	141	10-471-16A
			350	1750	365	135	10-471-20A
			400	1770	423	137	10-481-18
			400	1770	427	135	10-481-18D
			300	1770	331	155	8-491-18A
	126	291	350	1750	402	141	10-471-16A
			300	1780	319	149	10-471-20B
	127	294	300	1770	340	159	8-491-18A
	130	300	350	1750	383	140	10-471-20A
			400	1770	452	142	10-481-18
			400	1770	454	140	10-481-18D
			300	1770	345	159	8-491-18A
			300	1780	328	153	10-471-20B
	135	312	350	1750	401	145	10-471-20A
			450	1770	482	149	10-481-18
			450	1770	484	148	10-481-18D
			300	1780	342	158	10-471-20B
	138	319	450	1770	493	151	10-481-18D
140	323	400	1750	420	150	10-471-20A	
		450	1770	503	155	10-481-18	
		350	1780	356	163	10-471-20B	
145	335	400	1750	441	155	10-471-20A	
		450	1770	513	161	10-481-18	
		350	1780	371	168	10-471-20B	
150	347	450	1750	462	161	10-471-20A	
		350	1780	387	173	10-471-20B	
155	358	450	1750	481	165	10-471-20A	
		400	1780	405	178	10-471-20B	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
			Motor HP	Speed (RPM)	Horsepower (BHP)		
	PSI	Feet					
<b>3000 GPM</b>	160	370	450	1750	505	171	10-471-20A
			400	1780	425	184	10-471-20B
	165	381	500	1750	526	175	10-471-20A
			400	1780	445	189	10-471-20B
	170	393	500	1750	551	181	10-471-20A
			450	1780	464	194	10-471-20B
	175	404	500	1750	573	186	10-471-20A
			450	1780	488	199	10-471-20B
	180	416	600	1750	597	191	10-471-20A
			450	1780	513	205	10-471-20B
	185	427	600	1750	621	196	10-471-20A
			500	1780	536	210	10-471-20B
	190	439	600	1750	648	204	10-471-20A
			500	1780	559	215	10-471-20B
	192	444	600	1750	658	204	10-471-20A
	195	450	600	1780	584	220	10-471-20B
200	462	600	1780	610	225	10-471-20B	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
<b>3500 GPM</b>	88	203	250	1770	268	98	10-481-18D
	89	206	250	1780	265	102	12-471-16A
	90	208	250	1770	277	102	10-481-18D
			250	1780	269	103	12-471-16A
	95	219	300	1770	298	106	10-481-18D
			250	1780	286	108	12-471-16A
	100	231	300	1770	325	113	10-481-18
			300	1770	321	110	10-481-18D
			300	1780	307	114	12-471-16A
	105	242	300	1770	340	120	10-481-18
			300	1770	345	115	10-481-18D
			300	1780	327	119	12-471-16A
	110	254	350	1770	370	124	10-481-18
			350	1770	370	119	10-481-18D
			350	1780	348	123	12-471-16A
	111	256	300	1750	338	127	10-471-20A
			350	1750	349	130	10-471-20A
	115	266	350	1770	395	130	10-481-18
			350	1770	395	126	10-481-18D
			350	1780	374	129	12-471-16A
			350	1750	365	135	10-471-20A
	120	277	400	1770	423	136	10-481-18
			400	1770	412	130	10-481-18D
			400	1780	403	134	12-471-16A
	125	289	350	1750	383	140	10-471-20A
			400	1770	452	141	10-481-18
			400	1770	438	138	10-481-18D
			400	1780	434	143	12-471-16A
	129	298	400	1780	455	143	12-471-16A
	130	300	350	1750	401	145	10-471-20A
			450	1770	482	146	10-481-18
			400	1770	460	143	10-481-18D
135	312	400	1750	420	150	10-471-20A	
		450	1770	503	152	10-481-18	
140	323	450	1770	490	151	10-481-18D	
		400	1750	441	155	10-471-20A	
145	335	450	1770	513	159	10-481-18	
145	335	400	1750	459	160	10-471-20A	
150	347	450	1750	478	164	10-471-20A	
155	358	450	1750	501	170	10-471-20A	
160	370	500	1750	522	175	10-471-20A	
165	381	500	1750	547	180	10-471-20A	
170	393	500	1750	570	185	10-471-20A	
175	404	600	1750	593	190	10-471-20A	
180	416	600	1750	616	195	10-471-20A	
185	427	600	1750	637	204	10-471-20A	
189	437	600	1750	658	204	10-471-20A	

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





**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
<b>4000 GPM</b>	85	196	250	1770	274	98	10-481-18D
			250	1780	265	102	12-471-16A
	90	208	300	1770	302	104	10-481-18D
			250	1780	282	107	12-471-16A
	94	217	350	1770	363	115	10-491-20
	95	219	300	1770	317	113	10-481-18
			300	1770	324	110	10-481-18D
			350	1770	366	116	10-491-20
			300	1780	301	112	12-471-16A
	100	231	300	1770	330	119	10-481-18
			300	1770	345	118	10-481-18D
			350	1770	383	118	10-491-20
			300	1780	322	118	12-471-16A
	105	242	350	1770	365	124	10-481-18
			350	1770	372	126	10-481-18D
			350	1770	401	124	10-491-20
			350	1780	345	123	12-471-16A
	110	254	350	1770	385	129	10-481-18
			350	1770	396	133	10-481-18D
			400	1770	421	135	10-491-20
			350	1780	368	128	12-471-16A
	115	265	400	1770	419	136	10-481-18D
			400	1770	444	140	10-491-20
			350	1780	396	133	12-471-16A
	120	277	400	1770	446	138	10-481-18D
			450	1770	468	145	10-491-20
			400	1780	423	138	12-471-16A
	125	289	450	1770	474	140	10-481-18D
			450	1770	494	150	10-491-20
			400	1780	455	143	12-471-16A
	130	300	450	1770	500	145	10-481-18D
			500	1770	522	155	10-491-20
	132	305	450	1750	480	148	12-471-20A
	134	310	500	1770	525	152	10-481-18D
135	312	450	1750	492	151	12-471-20A	
		500	1770	561	160	10-491-20	
140	323	450	1750	513	156	12-471-20A	
		600	1770	581	165	10-491-20	
145	335	500	1750	535	161	12-471-20A	
		600	1770	613	170	10-491-20	
150	347	500	1750	558	166	12-471-20A	
		600	1770	645	175	10-491-20	
155	358	600	1750	581	171	12-471-20A	
		600	1770	675	180	10-491-20	
160	370	600	1750	605	177	12-471-20A	
		700	1770	698	185	10-491-20	
165	381	600	1750	629	182	12-471-20A	
		700	1770	728	190	10-491-20	
170	393	600	1750	651	187	12-471-20A	
		700	1770	755	195	10-491-20	
175	404	600	1750	677	193	12-471-20A	
		700	1770	785	200	10-491-20	
180	416	700	1750	699	198	12-471-20A	
		800	1770	816	205	10-491-20	
185	427	700	1750	720	206	12-471-20A	
		800	1770	847	210	10-491-20	
188	434	700	1750	738	206	12-471-20A	
190	439	800	1770	879	215	10-491-20	
195	450	800	1770	912	220	10-491-20	
198	457	900	1770	935	225	10-491-20	

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
<b>4500 GPM</b>	79	182	250	1780	273	104	12-471-16B
	80	185	250	1780	278	106	12-471-16B
	81	187	250	1770	275	99	10-481-18D
	85	196	300	1770	296	102	10-481-18D
	88	203	300	1780	295	110	12-471-16B
			300	1780	317	106	12-471-16C
	90	208	300	1770	320	106	10-481-18D
			350	1770	363	115	10-491-20
			300	1780	314	115	12-471-16B
			300	1780	323	108	12-471-16C
	95	219	300	1770	342	111	10-481-18D
			350	1770	375	120	10-491-20
			300	1780	337	119	12-471-16B
	100	231	350	1780	348	112	12-471-16C
			350	1770	375	116	10-481-18D
			350	1770	390	126	10-491-20
			350	1780	362	124	12-471-16B
	105	242	350	1780	375	117	12-471-16C
			350	1770	399	120	10-481-18D
			400	1770	408	131	10-491-20
			350	1780	389	128	12-471-16B
	110	254	400	1780	404	122	12-471-16C
			400	1770	425	126	10-481-18D
			400	1770	428	136	10-491-20
	114	263	400	1780	418	136	12-471-16B
			400	1780	430	126	12-471-16C
			400	1770	441	136	12-471-16B
	115	265	400	1770	446	131	10-481-18D
			400	1770	450	141	10-491-20
			450	1780	462	131	12-471-16C
	120	277	450	1770	477	138	10-481-18D
			450	1770	475	147	10-491-20
			450	1780	495	136	12-471-16C
	125	289	450	1770	506	143	10-481-18D
			450	1770	502	152	10-491-20
	128	296	500	1780	525	140	12-471-16C
			450	1750	480	148	12-471-20A
	130	300	450	1750	489	150	12-471-20A
			500	1770	531	150	10-481-18D
			500	1770	531	157	10-491-20
			500	1780	562	148	12-471-16C
	132	305	500	1770	544	152	10-481-18D
	133	307	600	1780	582	148	12-471-16C
	135	312	450	1750	513	156	12-471-20A
			500	1770	561	163	10-491-20
	140	323	500	1750	535	161	12-471-20A
600			1770	593	168	10-491-20	
145	335	500	1750	558	166	12-471-20A	
		600	1770	626	174	10-491-20	
150	347	600	1750	581	171	12-471-20A	
		600	1770	657	179	10-491-20	
155	358	600	1750	601	176	12-471-20A	
		600	1770	685	184	10-491-20	
160	370	600	1750	626	182	12-471-20A	
		700	1770	713	190	10-491-20	
165	381	600	1750	651	187	12-471-20A	
		700	1770	743	195	10-491-20	

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



**SELECTION TABLES  
Horizontal Split Case Fire Pumps  
60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
<b>4</b>	170	393	600	1750	673	192	12-471-20A
			700	1770	770	200	10-491-20
<b>5</b>	175	404	700	1750	699	198	12-471-20A
			700	1770	803	206	10-491-20
<b>0</b>	180	416	700	1750	720	206	12-471-20A
			800	1770	835	211	10-491-20
<b>G</b>	183	423	700	1750	738	206	12-471-20A
	185	427	800	1770	868	216	10-491-20
<b>P</b>	190	439	800	1770	900	221	10-491-20
	194	448	900	1770	935	227	10-491-20
<b>M</b>							

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



**SELECTION TABLES**  
**Horizontal Split Case Fire Pumps**  
**60Hz Electric Motor Drive**

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Flow	Pressure		Required Motor HP Rating			Maximum Shutoff (PSI)*	Pump Model
	PSI	Feet	Motor HP	Speed (RPM)	Horsepower (BHP)		
<b>5000 GPM</b>	91	210	350	1770	348	111	10-481-18D
	95	219	350	1770	367	115	10-481-18D
	100	231	350	1770	394	119	10-481-18D
	105	242	400	1770	419	123	10-481-18D
	110	254	400	1770	445	129	10-481-18D
			400	1770	450	138	10-491-20
	115	265	450	1770	469	135	10-481-18D
			400	1770	460	148	10-491-20
	120	277	450	1770	499	141	10-481-18D
			450	1770	510	153	10-491-20
	125	289	500	1770	529	147	10-481-18D
			450	1770	517	158	10-491-20
	130	300	500	1770	551	151	10-481-18D
			500	1770	575	158	10-491-20
	135	312	600	1770	615	168	10-491-20
	140	323	600	1770	645	173	10-491-20
	145	335	600	1770	680	178	10-491-20
	150	347	600	1770	690	182	10-491-20
	155	358	700	1770	749	187	10-491-20
	160	370	700	1770	777	192	10-491-20
165	381	800	1770	806	197	10-491-20	
170	393	800	1770	835	202	10-491-20	
175	404	800	1770	863	207	10-491-20	
180	416	800	1770	892	212	10-491-20	
185	427	900	1770	921	217	10-491-20	
190	439	900	1770	949	222	10-491-20	

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

