

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
2 5 0 G P M	40	92	15	3560	15	3-481-10	215T	480
	45	104	15	3560	17	3-481-10	215T	480
	50	116	20	3560	19	3-481-10	254T	568
	52	120	15	3560	13	2.5-481-10B	215T	435
	55	127	15	3560	15	2.5-481-10B	215T	435
			20	3560	20	3-481-10	254T	568
	60	139	15	3560	16	2.5-481-10B	215T	435
			20	3560	22	3-481-10	254T	568
	65	150	20	3560	18	2.5-481-10B	254T	523
			25	3560	25	3-481-10	256T	600
	70	162	20	3560	19	2.5-481-10B	254T	523
			25	3560	27	3-481-10	256T	600
	75	173	20	3560	21	2.5-481-10B	254T	523
			30	3560	30	3-481-10	284TS	670
	80	185	20	3560	22	2.5-481-10B	254T	523
			30	3560	33	3-481-10	284TS	670
	85	196	25	3560	25	2.5-481-10B	256T	555
			40	3560	36	3-481-10	286TS	730
	90	208	25	3560	27	2.5-481-10B	256T	555
			40	3560	40	3-481-10	286TS	730
	95	219	25	3560	28	2.5-481-10B	256T	555
			40	3560	44	3-481-10	286TS	730
	100	231	30	3560	30	2.5-481-10B	284TS	625
			50	3560	49	3-481-10	324TS	810
	105	243	30	3560	34	2.5-481-10B	284TS	625
	110	254	40	3560	35	2.5-481-10B	286TS	685
	115	266	40	3560	37	2.5-481-10B	286TS	685
	120	277	40	3560	42	2.5-481-10B	286TS	685
125	289	40	3560	43	2.5-481-10B	286TS	685	
130	300	40	3560	45	2.5-481-10B	286TS	685	
135	312	50	3560	50	2.5-481-10B	324TS	765	
140	323	50	3560	52	2.5-481-10B	324TS	765	
145	335	50	3560	55	2.5-481-10B	324TS	765	
150	347	50	3560	57	2.5-481-10B	324TS	765	
155	358	60	3560	61	2.5-481-10B	326TS	826	
160	370	60	3560	63	2.5-481-10B	326TS	826	
165	381	60	3560	66	2.5-481-10B	326TS	826	
167	386	75	3560	68	2.5-481-10B	364TS	826	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
500 GPM	40	92	20	1770	21	4-481-11A	256T	750
	45	104	20	1770	23	4-481-11A	256T	750
	50	116	25	1770	28	4-481-11A	284T	820
			25	3560	24	3-481-10	256T	600
	55	127	30	1770	33	4-481-11A	286T	880
			25	3560	25	3-481-10	256T	600
	60	139	30	1770	32	4-492-14	286TS	1024
			40	1770	38	4-481-15	324T	996
			25	3560	27	3-481-10	256T	600
	65	150	40	1770	42	4-481-15	324T	996
			30	3560	30	3-481-10	284TS	670
	70	162	40	1770	46	4-481-15	324T	996
			30	3560	33	3-481-10	284TS	670
	75	173	50	1770	50	4-481-15	326T	1046
			40	3560	36	3-481-10	286TS	730
	80	185	50	1770	55	4-481-15	326T	1046
			40	3560	39	3-481-10	286TS	730
	85	196	50	1770	53	4-492-18	326TS	1290
			40	3560	42	3-481-10	286TS	730
	90	208	50	1770	56	4-492-18	326TS	1290
			40	3560	46	3-481-10	286TS	730
	95	219	60	1770	61	4-492-18	364TS	1470
			40	3560	44	3-491-9C	286TS	960
			50	3560	49	3-481-10	324TS	810
	100	231	60	1770	65	4-492-18	364TS	1470
			50	3560	52	3-481-10	324TS	810
	105	243	60	1770	69	4-492-18	364TS	1470
			50	3560	54	3-481-10	324TS	810
	110	254	75	1770	72	4-492-18	365TS	1440
			50	3560	57	3-481-10	324TS	810
115	266	75	1770	76	4-492-18	365TS	1440	
		60	3560	61	3-481-10	326TS	871	
120	277	75	1770	84	4-492-18	365TS	1440	
		60	3560	65	3-481-10	326TS	871	
125	289	75	1770	86	4-492-18	365TS	1440	
		60	3560	69	3-481-10	326TS	871	
		60	3560	64	3-492-10A	326TS	926	
130	300	75	3560	73	3-481-10	364TS	971	
		60	3560	65	3-492-10A	326TS	926	
134	310	75	3560	77	3-481-10	364TS	971	
135	312	75	3560	77	3-481-10	364TS	971	
		60	3560	66	3-492-10A	326TS	926	
140	323	75	3560	82	3-481-10	364TS	971	
		60	3560	69	3-492-10A	326TS	926	
145	335	75	3560	86	3-481-10	364TS	971	
		75	3560	74	3-492-10A	364TS	1026	
147	340	100	3560	88	3-481-10	365TS	1030	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
5 0 0 G P M	150	347	100	1770	90	4-485-15	404TS	1565
			100	3560	90	3-481-10	365TS	1030
			75	3560	77	3-492-10A	364TS	1026
	155	358	100	1770	94	4-485-15	404TS	1565
			75	3560	82	3-492-10A	364TS	1026
	160	370	100	1770	99	4-485-15	404TS	1565
			100	3560	85	3-492-10A	365TS	1085
	164	379	100	1770	102	4-485-15	404TS	1565
	165	381	100	1770	103	4-485-15	404TS	1565
			100	3560	88	3-492-10A	365TS	1085
	170	393	100	1770	107	4-485-15	404TS	1565
	175	404	100	1770	111	4-485-15	404TS	1565
	180	416	100	1770	115	4-485-15	404TS	1565
	185	427	125	1770	120	4-485-15	405TS	1680
	190	439	125	1770	125	4-485-15	405TS	1680
	195	450	125	1770	130	4-485-15	405TS	1680
			125	3565	136	6-491-12A	404TS	1974
	200	462	125	1770	134	4-485-15	405TS	1680
			125	3565	139	6-491-12A	404TS	1974
	205	474	125	1770	139	4-485-15	405TS	1680
			125	3565	143	6-491-12A	404TS	1974
	210	485	125	1770	143	4-485-15	405TS	1680
			150	3565	147	6-491-12A	405TS	2094
	215	497	150	3565	151	6-491-12A	405TS	2094
	220	508	150	3565	155	6-491-12A	405TS	2094
	225	520	150	3565	159	6-491-12A	405TS	2094
	228	527	125	3560	130	5-485-12	404ts	1930
	230	531	150	3565	163	6-491-12A	405TS	2094
	233	538	150	3565	166	6-491-12A	405TS	2094
	235	543	125	3560	133	5-485-12	404TS	1930
150			3565	167	6-491-12A	405TS	2094	
240	554	125	3560	136	5-485-12	404TS	1930	
		150	3565	172	6-491-12A	405TS	2094	
245	566	125	3560	138	5-485-12	404TS	1930	
		200	3565	177	6-491-12A	444TS	2319	
250	578	125	3560	140	5-485-12	404TS	1930	
		200	3565	182	6-491-12A	444TS	2319	
255	589	125	3560	141	5-485-12	404TS	1930	
		200	3565	186	6-491-12A	444TS	2319	
260	601	150	3560	144	5-485-12	405TS	2005	
		200	3565	191	6-491-12A	444TS	2319	
265	612	150	3560	147	5-485-12	405TS	2005	
		200	3565	202	6-491-12A	444TS	2319	
270	624	150	3560	154	5-485-12	405TS	2005	
		200	3565	209	6-491-12A	444TS	2319	
275	635	150	3560	160	5-485-12	405TS	2005	
		200	3565	215	6-491-12A	444TS	2319	
277	640	200	3565	222	6-491-12A	444TS	2319	
278	642	200*	3565	222	6-491-12AU	444TS	2319	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
5 0 0 G P M	280	647	150	3560	162	5-485-12	405TS	2005
	285	658	150	3560	163	5-485-12	405TS	2005
	290	670	150	3560	168	5-485-12	405TS	2005
	295	681	200	3560	173	5-485-12	444TS	2255
	300	693	200	3560	177	5-485-12	444TS	2255
	305	705	200	3560	181	5-485-12	444TS	2255
	310	716	200	3560	185	5-485-12	444TS	2255
	315	728	200	3560	188	5-485-12	444TS	2255
	320	739	200	3560	190	5-485-12	444TS	2255
	325	751	200	3560	192	5-485-12	444TS	2255
	330	762	200	3560	198	5-485-12	444TS	2255
	335	774	200	3560	203	5-485-12	444TS	2255
	340	785	200	3560	208	5-485-12	444TS	2255
	345	797	200	3560	212	5-485-12	444TS	2255
	350	809	200	3560	216	5-485-12	444TS	2255
	355	820	200	3560	220	5-485-12	444TS	2255
	360	832	200	3560	228	5-485-12	444TS	2255
	365	843	250	3560	235	5-485-12	445TS	2405
	370	855	250	3560	243	5-485-12	445TS	2405
	375	866	250	3560	250	5-485-12	445TS	2405
	380	878	250	3560	258	5-485-12	445TS	2405
	385	889	250	3560	265	5-485-12	445TS	2405
	390	901	250	3560	270	5-485-12	445TS	2405
	395	912	250	3560	274	5-485-12	445TS	2405
	400	924	250	3560	277	5-485-12	445TS	2405
	405	936	250	3560	279	5-485-12	445TS	2405
	410	947	250	3560	282	5-485-12	445TS	2405
	415	959	250	3560	284	5-485-12	445TS	2405
	420	970	300	3560	288	5-485-12	447TS	2605
	425	982	300	3560	289	5-485-12	447TS	2605
430	993	300	3560	294	5-485-12	447TS	2605	
435	1005	300	3560	298	5-485-12	447TS	2605	
440	1016	300	3560	304	5-485-12	447TS	2605	
445	1028	300	3560	309	5-485-12	447TS	2605	
450	1040	300	3560	315	5-485-12	447TS	2605	
455	1051	300	3560	321	5-485-12	447TS	2605	
460	1063	300	3560	327	5-485-12	447TS	2605	
465	1074	300	3560	333	5-485-12	447TS	2605	
470	1086	350	3560	346	5-485-12	447TS	2755	
476	1100	350	3560	352	5-485-12	447TS	2755	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
7 5 0 G P M	40	92	25	1770	26	4-481-11A	284T	820
	45	104	25	1770	28	4-481-11A	284T	820
	50	116	30	1770	33	4-481-11A	286T	880
			30	1770	34	5-481-15	286T	1020
	55	127	40	1770	39	5-481-15	324T	1111
	60	139	40	1770	45	5-481-15	324T	1111
	65	150	50	1770	50	5-481-15	326T	1161
			40	3560	42	4-481-11C	286TS	880
	70	162	50	1770	55	5-481-15	326T	1161
			50	3560	48	4-481-11C	324TS	960
	75	173	50	1770	54	4-481-15	326TS	1046
			50	3560	52	4-481-11C	324TS	960
	80	185	60	1770	59	4-481-15	364TS	1135
			50	3560	53	4-481-11C	324TS	960
	81	187	50	3560	51	4-481-11D	324TS	960
	85	196	60	1770	65	4-481-15	364TS	1135
			50	3560	55	4-481-11D	324TS	960
	90	208	60	1770	69	4-491-14C	364TS	1590
			75	1770	70	4-481-15	365TS	1190
			60	3560	59	4-481-11D	326TS	1021
	95	219	75	1770	76	4-481-15	365TS	1190
			60	3560	63	4-481-11D	326TS	1021
	100	231	75	1770	75	4-492-18	365TS	1500
			100	1770	98	5-491-18A	404TS	2160
			75	3550	70	4-491-11A	364TS	1646
			60	3560	66	4-481-11D	326TS	1021
	105	243	75	1770	84	4-492-18	365TS	1500
			100	1770	111	5-491-18A	404TS	2160
75			3560	71	4-481-11D	364TS	1110	
110	254	100	1770	89	4-492-18	404TS	1700	
		100	1770	111	5-491-18A	404TS	2160	
		75	3560	75	4-481-11D	364TS	1110	
115	266	100	1770	93	4-492-18	404TS	1700	
		125	1770	119	5-491-18A	405TS	2255	
		75	3560	79	4-481-11D	364TS	1110	
120	277	100	1770	96	4-492-18	404TS	1700	
		125	1770	127	5-491-18A	405TS	2255	
		75	3560	85	4-481-11D	364TS	1110	
125	289	100	1770	100	4-492-18	404TS	1700	
		125	1770	135	5-491-18A	405TS	2255	
		100	3560	91	4-481-11D	365TS	1165	
130	300	150	1770	147	5-491-18A	444TS	2525	
		100	3560	94	4-481-11D	365TS	1165	
135	312	150	1770	152	5-491-18A	444TS	2525	
		100	3560	100	4-481-11D	365TS	1165	
140	323	150	1770	161	5-491-18A	444TS	2525	
		100	3560	105	4-481-11D	365TS	1165	
145	335	125	1770	135	6-485-17A	405TS	2140	
		100	3560	109	4-481-11D	365TS	1165	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
7 5 0 G P M	148	342	125	1770	139	6-485-17A	405TS	2140
	150	347	125	1770	141	6-485-17A	405TS	2140
			100	3560	114	4-481-11D	365TS	1165
	155	358	150	1770	147	6-485-17A	444TS	2310
			100	3550	110	4-491-11C	365TS	1696
			125	3560	116	4-481-11D	404TS	1385
	158	365	125	1770	127	6-485-16B	405TS	2581
	160	370	150	1770	153	6-485-17A	444TS	2310
			125	1770	129	6-485-16B	405TS	2581
			125	3550	118	4-491-11C	404TS	1876
			125	3560	119	4-481-11D	404TS	1385
	165	381	150	1770	159	6-485-17A	444TS	2310
			125	1770	134	6-485-16B	405TS	2581
			125	3550	120	4-491-11C	404TS	1876
			125	3560	123	4-481-11D	404TS	1385
	170	390	150	1770	165	6-485-17A	444TS	2310
			125	1770	139	6-485-16B	405TS	2581
			125	3550	120	4-491-11C	404TS	1876
			125	3560	128	4-481-11D	404TS	1385
	175	404	150	1770	172	6-485-17A	444TS	2310
			150	1770	144	6-485-16B	444TS	2581
			125	3550	132	4-491-11C	404TS	1876
			125	3560	128	4-481-11D	404TS	1385
	180	416	200	1770	179	6-485-17A	445TS	2510
			150	1770	148	6-485-16B	444TS	2751
			125	3565	135	6-491-12A	404TS	1974
			125	3550	138	4-491-11C	404TS	1876
	185	427	125	3560	138	4-481-11D	404TS	1385
200			1770	185	6-485-17A	445TS	2510	
150			1770	154	6-485-16B	444TS	2751	
125			3565	140	6-491-12A	405TS	1974	
190	439	125	3550	143	4-491-11C	404TS	1876	
		125	3560	141	4-481-11D	404TS	1385	
		200	1770	192	6-485-17A	445TS	2510	
		150	1770	160	6-485-16B	444TS	2751	
192	444	150	3565	144	6-491-12A	404TS	2094	
		150	3550	149	4-491-11C	405TS	1996	
		150	3560	149	4-481-11D	405TS	1500	
		150	3560	171	4-481-11C	405TS	1500	
195	450	200	1770	197	6-485-17A	445TS	2510	
		150	1770	166	6-485-16B	444TS	2751	
		150	3565	148	6-491-12A	405TS	2094	
		150	3550	155	4-491-11C	405TS	1996	
200	462	200	1770	203	6-485-17A	445TS	2510	
		150	1770	172	6-485-16B	444TS	2751	
		150	3565	156	6-491-12A	405TS	2094	
		150	3550	160	4-491-11C	405TS	1996	
203	469	200	1770	176	6-485-16B	445TS	3091	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
7 5 0 G P M	205	474	200	1770	208	6-485-17A	445TS	2510
			150	3565	161	6-491-12A	405TS	2094
			150	3550	165	4-491-11A	405TS	1996
	209	483	200	1770	217	6-485-17A	445TS	2510
			150	3550	171	4-491-11A	405TS	1996
	210	485	200	1770	219	6-485-17A	445TS	2510
			150	3565	164	6-491-12A	405TS	2094
			200	3550	194	4-491-11A	444TS	2221
	215	497	200	1770	228	6-485-17A	445TS	2510
			150	3565	169	6-491-12A	405TS	2094
			200	3550	201	4-491-11A	444TS	2221
	218	504	200	3550	210	4-491-11A	444TS	2221
	220	508	250	1770	238	6-485-17A	445TS	2700
			200	3565	179	6-491-12A	444TS	2319
			200	3550	214	4-491-11A	444TS	2221
	225	520	250	1770	247	6-485-17A	445TS	2700
			200	3565	183	6-491-12A	444TS	2319
			200	3550	225	4-491-11A	444TS	2221
	230	531	250	1770	256	6-485-17A	445TS	2700
			200	3565	187	6-491-12A	444TS	2319
	235	543	250	1770	265	6-485-17A	445TS	2700
			200	3565	191	6-491-12A	444TS	2319
	240	554	250	1770	275	6-485-17A	445TS	2700
			200	3565	195	6-491-12A	444TS	2319
	245	566	250	1770	287	6-485-17A	445TS	2700
			200	3565	205	6-491-12A	444TS	2319
	250	578	200	3565	210	6-491-12A	444TS	2319
	255	589	200	3565	217	6-491-12A	444TS	2319
	260	601	200	3565	223	6-491-12A	444TS	2319
	265	612	200	3565	230	6-491-12A	444TS	2319
	266	614	200*	3565	230	6-491-12AU	444TS	2319
	310	716	250	3560	248	6-485-12	445TS	2585
	315	728	250	3560	257	6-485-12	445TS	2585
320	739	250	3560	262	6-485-12	445TS	2585	
325	751	250	3560	267	6-485-12	445TS	2585	
330	762	250	3560	272	6-485-12	445TS	2585	
335	774	250	3560	277	6-485-12	445TS	2585	
340	785	250	3560	283	6-485-12	445TS	2585	
345	797	300	3560	288	6-485-12	447TS	2835	
350	809	300	3560	293	6-485-12	447TS	2835	
355	820	300	3560	297	6-485-12	447TS	2835	
360	832	300	3560	302	6-485-12	447TS	2835	
365	843	300	3560	308	6-485-12	447TS	2835	
370	855	300	3560	317	6-485-12	447TS	2835	
375	866	300	3560	326	6-485-12	447TS	2835	
380	878	300	3560	336	6-485-12	447TS	2835	
385	889	350	3560	346	6-485-12	447TS	2985	
390	901	350	3560	352	6-485-12	447TS	2985	
395	912	350	3560	357	6-485-12	447TS	2985	

Selection Tables

Horizontal Split Case Fire Pump Electric Motor Drive

Section 912 Page 308
Date March 1, 2011
Supersedes Nov. 15, 2010

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
7 5 0 G P M	400	924	350	3560	363	6-485-12	447TS	2985
	405	936	350	3560	368	6-485-12	447TS	2985
	410	947	350	3560	374	6-485-12	447TS	2985
	415	959	350	3560	379	6-485-12	447TS	2985
	420	970	350	3560	385	6-485-12	447TS	2985
	425	982	350	3560	390	6-485-12	447TS	2985
	430	993	350	3560	394	6-485-12	447TS	2985
	435	1005	350	3560	397	6-485-12	447TS	2985
	440	1016	400	3560	404	6-485-12	447TS	3335
	445	1028	400	3560	410	6-485-12	447TS	3335
	450	1040	400	3560	418	6-485-12	447TS	3335
	455	1051	400	3560	425	6-485-12	447TS	3335
	460	1063	400	3560	435	6-485-12	447TS	3335
	465	1074	400	3560	445	6-485-12	447TS	3335
	470	1086	400	3560	453	6-485-12	447TS	3335
	475	1097	450	3560	461	6-485-12	449TS	3535
	480	1109	450	3560	471	6-485-12	449TS	3535
	485	1120	450	3560	480	6-485-12	449TS	3535
490	1132	450	3560	485	6-485-12	449TS	3535	
495	1143	450	3560	490	6-485-12	449TS	3535	
506	1169	450	3560	498	6-485-12	449TS	3535	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
1 0 0 0 G P M	40	92	30	1770	34	6-481-11	286T	1010
	45	104	40	1770	40	6-481-11	324T	1101
	50	116	40	1770	44	5-481-15	324T	1315
			40	1770	46	6-481-11	324T	1230
	55	127	50	1770	51	5-481-15	326T	1326
	60	139	50	1770	56	5-481-15	326T	1326
	65	150	60	1770	63	5-481-15	364TS	1345
	70	162	60	1770	67	5-481-15	364TS	1345
	75	173	75	1770	72	5-481-15	365TS	1405
	80	185	75	1770	81	5-481-15	365TS	1405
	85	196	100	1770	88	5-481-15	405TS	1525
	88	203	100	3560	94	6-481-11HH	365TS	1475
			75	1770	86	5-481-17	365TS	1410
			100	1770	94	5-481-15	404TS	1525
			75	3560	81	5-481-11C	364TS	1175
	90	208	100	3560	95	6-481-11HH	365TS	1475
			100	1770	94	5-481-17	404TS	1630
			75	3560	85	5-481-11C	364TS	1175
			100	3560	98	6-481-11HH	365TS	1475
	95	219	100	1770	100	5-481-17	404TS	1175
			75	3560	87	5-481-11C	365TS	1230
			100	3560	99	6-481-11HH	365TS	1475
	100	231	100	1770	109	5-481-17	404TS	1175
			100	3560	93	5-481-11C	365TS	1230
			100	3560	105	6-481-11HH	365TS	1475
	105	243	100	1770	118	5-481-17	405TS	1745
			100	3560	100	5-481-11C	365TS	1230
			100	3560	112	6-481-11HH	365TS	1475
	110	254	125	1770	127	5-481-17	405TS	1745
			100	3560	105	5-481-11C	365TS	1230
			100	3560	119	6-481-11HH	404TS	1520
	115	266	125	1770	136	5-481-17	405TS	1745
100			3560	110	5-481-11C	365TS	1230	
125			3560	126	6-481-11HH	404TS	1520	
120	277	150	1770	146	5-481-17	444TS	1915	
		100	3560	114	5-481-11C	365TS	1230	
		125	3560	133	6-481-11HH	404TS	1520	
125	289	150	1770	152	5-491-18A	444TS	2525	
		125	1770	125	6-485-17A	405TS	2140	
		125	3560	119	5-481-11C	404TS	1450	
		125	3560	139	6-481-11HH	404TS	1520	
130	300	150	1770	160	5-491-18A	444TS	2525	
		125	1770	130	6-485-17A	405TS	2140	
		125	3560	123	5-481-11C	404TS	1450	
		150	3560	147	6-481-11HH	405TS	1950	
135	312	125	1770	135	6-485-17A	405TS	2140	
		125	3560	128	5-481-11C	404TS	1450	
		150	3560	153	6-481-11HH	405TS	1950	
		125	1770	126	6-485-16B	405TS	2581	
140	323	125	1770	126	6-485-16B	405TS	2581	

Selection Tables

Horizontal Split Case Fire Pump Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
1 0 0 0 G P M	145	335	125	1770	141	6-485-17A	405TS	2140
			125	1770	128	6-485-16B	405TS	2581
			125	3560	133	5-481-11C	404TS	1450
			150	3560	160	6-481-11HH	405TS	1950
	149	344	150	1780	154	6-485-16	444TS	2751
	150	347	150	1770	147	6-485-17A	444TS	2310
			125	1770	134	6-485-16B	405TS	2581
			150	1780	156	6-485-16	444TS	2751
			150	3560	144	5-481-11C	405TS	1565
	150	3560	167	6-481-11HH	405TS	2180		
	154	356	200	3560	185	6-481-14HH	444TS	2180
	155	358	150	1770	153	6-485-17A	444TS	2310
			125	1770	139	6-485-16B	405TS	2581
			150	1780	161	6-485-16	444TS	2751
			150	3560	148	5-481-11C	405TS	1565
			200	3560	176	6-481-11HH	444TS	2020
	200	3560	186	6-481-14HH	444TS	2180		
	160	370	150	1770	159	6-485-17A	444TS	2310
			150	1770	145	6-485-16B	444TS	2581
			150	1780	167	6-485-16	444TS	2751
			150	3560	158	5-481-11B	405TS	1565
			150	3560	153	5-481-11C	405TS	1565
			200	3560	181	6-481-11HH	444TS	2020
	200	3560	190	6-481-14HH	444TS	2180		
	165	381	150	1770	165	6-485-17A	444TS	2310
			150	1770	150	6-485-16B	444TS	2581
			200	1780	173	6-485-16	445TS	3091
			150	3560	165	5-481-11B	405TS	1565
			200	3560	186	6-481-11HH	444TS	2020
	200	3560	200	6-481-14HH	444TS	2180		
	170	393	150	1770	172	6-485-17A	444TS	2310
			150	1770	157	6-485-16B	444TS	2581
			200	1780	178	6-485-16	445TS	3091
			150	3560	172	5-481-11B	405TS	1565
			200	3560	193	6-481-11HH	444TS	2020
	200	3560	207	6-481-14HH	444TS	2180		
	175	404	200	1770	179	6-485-17A	445TS	2510
			150	1770	162	6-485-16B	444TS	2581
			200	1780	184	6-485-16	445TS	3091
			200	3560	182	5-481-11B	405TS	1565
200			3560	200	6-481-11HH	444TS	2020	
200	3560	214	6-481-14HH	444TS	2180			
180	416	200	1770	185	6-485-17A	445TS	2510	
		150	1770	166	6-485-16B	444TS	2581	
		200	1780	190	6-485-16	445TS	3091	
		200	3560	195	5-481-11B	444TS	1735	
		200	3560	207	6-481-11HH	444TS	2020	
200	3560	225	6-481-14HH	444TS	2180			

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
1 0 0 0 G P M	185	427	200	1770	192	6-485-17A	445TS	2510
			200	1770	173	6-485-16B	445TS	2581
			200	1780	196	6-485-16	445TS	3091
			200	3560	205	5-481-11B	444TS	1735
			200	3560	214	6-481-11HH	444TS	2020
			250	3560	233	6-481-14HH	445TS	2380
	188	434	200	1770	177	6-485-16B	445TS	2581
	190	439	200	1770	197	6-485-17A	445TS	2510
			200	1780	201	6-485-16	445TS	3091
			200	3560	209	5-481-11B	444TS	1735
			200	3560	222	6-481-11HH	444TS	2020
			250	3560	240	6-481-14HH	445TS	2380
	195	450	200	1770	203	6-485-17A	445TS	2510
			200	1780	207	6-485-16	445TS	3091
			200	3560	213	5-481-11B	444TS	1735
			200	3560	229	6-481-11HH	444TS	2020
			250	3560	245	6-481-14HH	445TS	2380
	200	462	200	1770	208	6-485-17A	445TS	2510
			200	1780	213	6-485-16	445TS	3091
			200	3560	218	5-481-11B	444TS	1735
250			3560	236	6-481-11HH	445TS	2220	
250			3560	250	6-481-14HH	445TS	2380	
202	467	200	1780	215	6-485-16	445TS	3091	
205	474	200	1770	219	6-485-17A	445TS	2510	
		250	3560	248	6-481-11HH	445TS	2220	
		250	3560	261	6-481-14HH	445TS	2380	
210	485	200	1770	228	6-485-17A	445TS	2510	
		250	3560	256	6-481-11HH	445TS	2220	
		250	3560	270	6-481-14HH	445TS	2380	
215	497	250	1770	238	6-485-17A	445TS	2700	
		250	3560	270	6-481-11HH	445TS	2220	
		250	3560	278	6-481-14HH	445TS	2380	
219	506	250	3560	272	6-481-11HH	445TS	2180	

Selection Tables

Horizontal Split Case Fire Pump Electric Motor Drive

Section 912 Page 312
Date March 1, 2011
Supersedes Nov. 15, 2010

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
1 0 0 0 G P M	220	508	250	1770	247	6-485-17A	445TS	2700
			250	3560	285	6-481-14HH	445TS	2380
	225	520	250	1770	256	6-485-17A	445TS	2700
			300	3560	293	6-481-14HH	447TS	2765
	230	531	250	1770	265	6-485-17A	445TS	2700
			300	3560	305	6-481-14HH	447TS	2765
	235	543	250	1770	275	6-485-17A	445TS	2700
			300	3560	314	6-481-14HH	447TS	2765
	240	554	250	1770	287	6-485-17A	445TS	2700
			300	3560	320	6-481-14HH	447TS	2765
	245	566	300	3560	327	6-481-14HH	447TS	2765
	250	578	300	3560	330	6-481-14HH	447TS	2765
	255	589	300	3560	340	6-481-14HH	447TS	2765
	260	601	300	3560	348	6-481-14HH	447TS	2765
	265	612	350	3560	356	6-481-14HH	447TS	2765
270	624	350	3560	365	6-481-14HH	447TS	2765	
275	635	350	3560	376	6-481-14HH	447TS	2765	
280	647	350	3560	384	6-481-14HH	447TS	2765	
285	658	350	3560	393	6-481-14HH	447TS	2765	
287	663	400	3560	410	6-481-14HH	447TS	2765	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
1 2 5 0 G P M	45	104	50	1770	54	8-481-12	326T	1381
	50	116	60	1770	63	8-481-12	364TS	1470
	52	120	60	1770	69	8-481-12	364TS	1470
	55	127	50	1770	58	6-481-15C	326T	1296
	60	139	60	1770	63	6-481-15C	364TS	1315
	63	146	60	1770	66	6-481-15C	364TS	1315
	65	150	60	1770	69	6-481-15C	364TS	1315
			75	1780	73	5-491-14A	365TS	1710
	70	162	75	1770	78	6-481-15C	365TS	1370
			75	1780	79	5-491-14A	365TS	1710
	75	173	75	1770	85	6-481-15C	365TS	1370
			75	1780	86	5-491-14A	365TS	1710
	80	185	100	1770	92	6-481-15C	404TS	1580
			100	1780	93	5-491-14A	404TS	1910
	84	194	100	1770	98	6-481-15C	404TS	1580
			100	1780	98	5-491-14A	404TS	1910
	85	196	100	1770	99	6-481-15C	404TS	1580
			100	1770	112	6-481-20	404TS	1870
	90	208	100	1770	108	6-481-15C	404TS	1580
			125	1770	119	6-481-20	405TS	1985
	93	215	100	1770	112	6-481-15C	404TS	1580
			125	1770	125	6-481-20	405TS	1985
	95	219	100	1770	115	6-481-15C	404TS	1580
			125	1770	126	6-481-20	405TS	1985
	100	231	125	1770	126	6-481-18B	405TS	1910
			125	1770	134	6-481-20	405TS	1985
	105	243	125	1770	134	6-481-18B	405TS	1910
			125	1770	141	6-481-20	405TS	1985
	110	254	125	1770	141	6-481-18B	405TS	1910
			150	1770	149	6-481-20	444TS	2155
115	266	150	1770	148	6-481-18B	444TS	2080	
		150	1770	157	6-481-20	444TS	2155	
118	273	150	1770	153	6-481-18B	444TS	2080	
		150	1770	162	6-481-20	444TS	2155	
119	275	150*	1780	147	5-491-18AU	444TS	2525	
		150	1770	155	6-481-18B	444TS	2080	
		150	1770	164	6-481-20	444TS	2155	
120	277	150	1770	156	6-481-18B	444TS	2080	
		150	1770	165	6-481-20	444TS	2155	
125	289	150*	1780	153	5-491-18AU	444TS	2525	
		150	1770	164	6-481-18B	444TS	2080	
		150	1770	172	6-481-20	444TS	2155	
130	300	150*	1780	160	5-491-18AU	444TS	2525	
		150	1770	172	6-481-18B	444TS	2080	
		200	1770	180	6-481-20	445TS	2355	
132	305	150	3560	156	6-481-11HH	405TS	1950	
134	310	150*	1780	168	5-491-18AU	444TS	2525	
		200	1770	182	6-481-18B	445TS	2280	
		200	1770	186	6-481-20	445TS	2355	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
1 2 5 0 G P M	135	312	200	1770	184	6-481-18B	445TS	2280
			200	1770	187	6-481-20	445TS	2355
			150	3560	160	6-481-11HH	405TS	1950
	139	321	150	1780	162	6-485-16	444TS	2751
			200	1770	195	6-481-20	445TS	2355
	140	323	200	1770	196	6-481-18B	445TS	2280
			250	1775	240	8-481-21	445TS	2575
			150	1780	164	6-485-16	444TS	2751
			150	3560	167	6-481-11HH	405TS	1950
	145	335	200	1770	219	6-481-20	445TS	2355
			250	1775	251	8-481-21	445TS	2575
			150	1780	170	6-485-16	444TS	2751
			200	3560	174	6-481-11HH	444TS	2020
	147	340	200	1770	224	6-481-20	445TS	2355
			250	1775	256	8-481-21	445TS	2575
	150	347	200	1770	230	6-481-20	445TS	2355
			250	1775	263	8-481-21	445TS	2575
			200	1780	176	6-485-16	445TS	3091
			200	3560	183	6-481-11HH	444TS	2020
			200	3560	202	6-481-14HH	444TS	2180
	152	351	250	1770	236	6-481-20	445TS	2355
			250	1775	267	8-481-21	445TS	2575
	155	358	250	1770	243	6-481-20	445TS	2355
			250	1775	273	8-481-21	445TS	2575
			200	1780	183	6-485-16	445TS	3091
			200	3560	191	6-481-11HH	444TS	2020
			200	3560	208	6-481-14HH	444TS	2180
	160	370	250	1770	254	6-481-20	445TS	2355
300			1775	298	8-481-21	447TS	3215	
200			1780	189	6-485-16	445TS	3091	
200			3560	194	6-481-11HH	444TS	2020	
200			3560	212	6-481-14HH	444TS	2180	
164	379	250	1770	263	6-481-20	445TS	2355	
		300	1775	310	8-481-21	447TS	3215	
165	381	250	1770	264	6-481-20	445TS	2355	
		300	1775	314	8-481-21	447TS	3215	
		200	1780	195	6-485-16	445TS	3091	
		200	3560	208	6-481-11HH	444TS	2020	
		200	3560	220	6-481-14HH	444TS	2180	
168	388	250	1770	268	6-481-20	445TS	2355	
170	393	300	1775	327	8-481-21	447TS	3215	
		200	1780	201	6-485-16	445TS	3091	
		200	3560	216	6-481-11HH	444TS	2020	
		200	3560	230	6-481-14HH	444TS	2180	
175	404	300	1775	345	8-481-21	447TS	3215	
		200	1780	208	6-485-16	445TS	3091	
		200	3560	222	6-481-11HH	444TS	2020	
		250	3560	238	6-481-14HH	445TS	2380	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
1 2 5 0 G P M	180	416	350	1775	363	8-481-21	447TS	3215
			200	1780	214	6-485-16	445TS	3091
			200	3560	230	6-481-11HH	444TS	2020
			250	3560	240	6-481-14HH	445TS	2380
	185	427	350	1775	386	8-481-21	447TS	3215
			200	1780	220	6-485-16	445TS	3091
			250	3560	238	6-481-11HH	445TS	2220
			250	3560	248	6-481-14HH	445TS	2380
	189	437	200	1780	226	6-485-16	445TS	3091
	190	439	400	1775	404	8-481-21	449TS	3215
			250	3560	245	6-481-11HH	445TS	2220
			250	3560	256	6-481-14HH	445TS	2380
	193	446	400	1775	414	8-481-21	449TS	3215
	195	450	400	1775	420	8-481-21	449TS	3215
			250	3560	250	6-481-11HH	445TS	2220
			250	3560	262	6-481-14HH	445TS	2380
	200	462	250	3560	258	6-481-11HH	445TS	2220
			250	3560	270	6-481-14HH	445TS	2380
	205	474	250	3560	268	6-481-11HH	445TS	2220
			250	3560	275	6-481-14HH	445TS	2380
	210	485	250	3560	277	6-481-11HH	445TS	2220
			250	3560	283	6-481-14HH	445TS	2380
	215	497	250	3560	287	6-481-11HH	445TS	2220
			300	3560	292	6-481-14HH	447TS	2765
	216	499	300	3560	288	6-481-11HH	447TS	2605
	220	508	300	3560	300	6-481-14HH	447TS	2765
	225	520	300	3560	310	6-481-14HH	447TS	2765
	230	531	300	3560	318	6-481-14HH	447TS	2765
235	543	300	3560	329	6-481-14HH	447TS	2765	
240	554	300	3560	338	6-481-14HH	447TS	2765	
245	566	300	3560	344	6-481-14HH	447TS	2765	
250	578	350	3560	352	6-481-14HH	447TS	2765	
255	589	350	3560	361	6-481-14HH	447TS	2765	
260	601	350	3560	375	6-481-14HH	447TS	2765	
265	612	350	3560	381	6-481-14HH	447TS	2765	
270	624	350	3560	393	6-481-14HH	447TS	2765	
275	635	400	3560	403	6-481-14HH	447TS	2765	
280	647	400	3560	412	6-481-14HH	447TS	2765	
285	658	400	3560	425	6-481-14HH	447TS	2765	
287	663	400	3560	430	6-481-14HH	447TS	2765	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
1 5 0 0 G P M	40	92	50	1770	50	8-481-12	326T	1381
	45	104	60	1770	60	8-481-12	364TS	1470
	50	116	60	1770	64	6-481-15	364TS	1315
			60	1770	69	8-481-12	364TS	1470
	55	127	60	1770	68	6-481-15	364TS	1315
	60	139	75	1770	75	6-481-15	365TS	1370
	65	150	75	1770	85	6-481-15	365TS	1370
	70	162	100	1770	94	6-481-15	404TS	1580
	71	164	75	1770	85	6-481-15C	365TS	1370
	75	173	100	1770	100	6-481-15	404TS	1580
			100	1770	91	6-481-15C	404TS	1580
	80	185	100	1770	110	6-481-15	404TS	1580
			100	1770	100	6-481-15C	404TS	1580
			100	1770	112	6-481-20	404TS	1870
	81	187	100	1770	101	6-481-15C	404TS	1580
			100	1770	114	6-481-20	404TS	1870
	85	196	125	1770	119	6-481-15	405TS	1695
			100	1770	108	6-481-15C	404TS	1580
			125	1770	119	6-481-20	405TS	1985
	90	208	125	1770	128	6-481-15	405TS	1695
			100	1770	115	6-481-15C	404TS	1580
			125	1770	126	6-481-20	405TS	1985
	95	219	125	1770	124	6-481-18B	405TS	1910
			125	1770	134	6-481-20	405TS	1985
	100	231	125	1770	134	6-481-18B	405TS	1910
			125	1770	141	6-481-20	405TS	1985
			125	3550	139	6-492-10	404TS	1680
	105	243	125	1770	141	6-481-18B	405TS	1910
150			1770	149	6-481-20	444TS	2155	
150			3550	147	6-492-10	405TS	1800	
110	254	150	1770	148	6-481-18B	444TS	2080	
		150	1770	157	6-481-20	444TS	2155	
		150	3550	155	6-492-10	405TS	1800	
115	266	150	1770	156	6-481-18B	444TS	2080	
		150	1770	165	6-481-20	444TS	2155	
		150	3550	160	6-492-10	405TS	1800	
120	277	150	1770	164	6-481-18B	444TS	2080	
		150	1770	172	6-481-20	444TS	2155	
		150	3550	165	6-492-10	405TS	1800	
125	289	150	1770	172	6-481-18B	444TS	2080	
		200	1770	180	6-481-20	445TS	2355	
		150	3550	172	6-492-10	405TS	1800	
130	300	200	1770	184	6-481-18B	445TS	2280	
		200	1770	187	6-481-20	445TS	2355	
		200	3550	183	6-492-10	444TS	2025	
135	312	200	1770	195	6-481-20	445TS	2355	
		200	1770	230	8-481-21	445TS	2575	
		200	3550	199	6-492-10	444TS	2025	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
1 5 0 0 G P M	140	323	200	1770	216	6-481-20	445TS	2355
			250	1770	243	8-481-21	445TS	2575
			200	3550	220	6-492-10	444TS	2025
	142	328	200	3560	184	6-481-11HH	444TS	2020
			200	1770	228	6-481-20	445TS	2355
			250	1770	253	8-481-21	445TS	2575
	145	335	200	3550	228	6-492-10	444TS	2025
			200	3560	189	6-481-11HH	444TS	2020
			250	1770	241	6-481-20	445TS	2355
	150	347	250	1770	266	8-481-21	445TS	2575
			250	3550	238	6-492-10	445TS	2275
			200	3560	197	6-481-11HH	444TS	2020
	155	358	250	1770	250	6-481-20	445TS	2355
			250	1770	275	8-481-21	445TS	2575
			250	3550	248	6-492-10	445TS	2275
	158	365	200	3560	205	6-481-11HH	444TS	2020
			200	3560	222	6-481-14HH	444TS	2180
			250	1770	260	6-481-20	445TS	2355
	160	370	300	1770	304	8-481-21	447TS	3215
			250	3550	258	6-492-10	445TS	2275
			200	3560	213	6-481-11HH	444TS	2020
	165	381	200	3560	229	6-481-14HH	444TS	2180
			250	1770	268	6-481-20	445TS	2355
			250	3550	268	6-492-10	445TS	2275
170	393	200	3560	221	6-481-11HH	444TS	2020	
		250	3560	236	6-481-14HH	445TS	2380	
		300	1770	332	8-481-21	447TS	3215	
175	404	250	3550	279	6-492-10	445TS	2275	
		200	3560	230	6-481-11HH	444TS	2020	
		250	3560	243	6-481-14HH	445TS	2380	
180	416	350	1770	353	8-481-21	447TS	3215	
		300	3550	290	6-492-10	447TS	2970	
		250	3560	235	6-481-11HH	445TS	2220	
185	427	250	3560	251	6-481-14HH	445TS	2380	
		350	1770	370	8-481-21	447TS	3215	
		250	3560	243	6-481-11HH	445TS	2220	
190	439	250	3560	260	6-481-14HH	445TS	2380	
		400	1770	410	8-481-21	447TS	3215	
		250	3560	262	6-481-11HH	445TS	2220	
195	450	250	3560	280	6-481-14HH	445TS	2380	
		400	1770	426	8-481-21	447TS	3215	
		250	3560	270	6-481-11HH	445TS	2220	
			250	3560	287	6-481-14HH	445TS	2380

Selection Tables

Horizontal Split Case Fire Pump Electric Motor Drive

Section 912 Page 318
Date March 1, 2011
Supersedes Nov. 15, 2010

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
1 5 0 0 G P M	200	462	400	1770	442	8-481-21	447TS	3215
			250	3560	279	6-481-11HH	445TS	2220
			300	3560	296	6-481-14HH	447TS	2380
	205	474	300	3560	289	6-481-11HH	447TS	2605
			300	3560	301	6-481-14HH	447TS	2765
	209	483	300	3560	297	6-481-11HH	447TS	2605
	210	485	300	3560	307	6-481-14HH	447TS	2765
	215	497	300	3560	314	6-481-14HH	447TS	2765
	220	508	300	3560	323	6-481-14HH	447TS	2765
	225	520	300	3560	336	6-481-14HH	447TS	2765
	230	531	300	3560	371	6-481-14HH	447TS	2765
	235	543	350	3560	367	6-481-14HH	447TS	2765
	240	554	350	3560	379	6-481-14HH	447TS	2765
	245	566	400	3560	389	6-481-14HH	447TS	2765
	250	578	400	3560	404	6-481-14HH	447TS	2765
	255	589	400	3560	407	6-481-14HH	447TS	2765
	260	601	400	3560	420	6-481-14HH	447TS	2765
	265	612	400	3560	431	6-481-14HH	447TS	2765
270	624	400	3560	441	6-481-14HH	447TS	2765	
275	635	450	3560	466	6-481-14HH	RTF	RTF	
280	647	450	3560	473	6-481-14HH	RTF	RTF	
283	654	450	3560	483	6-481-14HH	RTF	RTF	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
2 0 0 0 G P M	53	122	100	1770	100	8-481-17B	404TS	1860
	55	127	100	1770	108	8-481-17B	404TS	1860
	60	139	125	1770	119	8-481-17B	405TS	1975
	62	143	125	1770	123	8-481-17B	405TS	1975
	65	150	125	1770	129	8-481-17B	405TS	1975
	70	162	125	1770	139	8-481-17B	405TS	1975
	75	173	150	1770	150	8-481-17B	444TS	2145
	80	185	125	1770	131	6-481-15B	405TS	1695
			150	1770	160	8-481-17B	444TS	2145
	85	196	125	1770	143	6-481-15B	405TS	1695
			150	1770	170	8-481-17B	444TS	2145
	85	196	125	1770	143	6-481-15B	405TS	1695
			150	1770	170	8-481-17B	444TS	2145
	89	206	150	1770	154	6-481-15B	444TS	1865
			150	1770	178	8-481-17B	444TS	2145
	90	208	150	1770	156	6-481-15B	444TS	1865
			200	1770	179	8-481-17B	445TS	2345
	95	219	150	1770	161	6-481-15B	444TS	1865
			200	1770	188	8-481-17B	445TS	2345
	100	231	150	1770	172	6-481-15B	444TS	1865
			200	1770	185	6-481-18C	445TS	2280
			200	1770	197	8-481-17B	445TS	2345
	105	243	200	1770	193	6-481-18C	445TS	2280
			200	1770	214	8-481-17B	445TS	2345
	110	254	200	1770	202	6-481-18C	445TS	2280
			200	1770	225	8-481-17B	445TS	2345
	115	266	200	1770	210	6-481-18C	445TS	2280
			250	1770	239	8-481-17B	445TS	2345
	120	277	200	1770	218	6-481-18C	445TS	2280
			250	1770	250	8-481-17B	445TS	2345
	125	289	200	1770	226	6-481-18C	445TS	2280
			200	1770	218	6-481-20	445TS	2345
250			1770	265	8-481-17B	445TS	2345	
130	300	250	1770	235	6-481-18C	445TS	2280	
		200	1770	223	6-481-20	445TS	2355	
		250	1770	270	8-481-17B	445TS	2345	
		200	1770	230	8-481-21	445TS	2575	
135	312	250	1770	243	6-481-18C	445TS	2280	
		250	1770	235	6-481-20	445TS	2355	
		250	1770	243	8-481-21	445TS	2575	
140	323	250	1770	247	6-481-18C	445TS	2280	
		250	1770	240	6-481-20	445TS	2355	
		250	1770	253	8-481-21	445TS	2575	
145	335	250	1770	245	6-481-20	445TS	2355	
		250	1770	266	8-481-21	445TS	2575	
150	347	250	1770	260	6-481-20	445TS	2355	
		250	1770	275	8-481-21	445TS	2575	
155	358	300	1770	306	6-491-19A	447TS	4190	
		300	1770	304	8-481-21	447TS	3215	

Selection Tables

Horizontal Split Case Fire Pump Electric Motor Drive

Section 912 Page 320
Date March 1, 2011
Supersedes Nov. 15, 2010

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
2 0 0 0 G P M	160	370	300	1770	316	8-481-21	447TS	3215
	165	381	300	1770	332	8-481-21	447TS	3215
	167	386	350	1770	370	8-481-24	447TS	5089
	170	393	350	1770	353	8-481-21	447TS	3215
			350	1770	378	8-481-24	447TS	5089
	175	404	350	1770	370	8-481-21	447TS	3215
			350	1770	392	8-481-24	447TS	5239
	180	416	350	1770	396	8-481-21	447TS	3215
			400	1770	408	8-481-24	447TS	5239
	185	427	400	1770	410	8-481-21	447TS	3515
			400	1770	422	8-481-24	447TS	5239
	190	439	400	1770	426	8-481-21	447TS	3515
			400	1770	438	8-481-24	447TS	5239
	195	450	400	1770	442	8-481-21	447TS	3515
			400	1770	452	8-481-24	447TS	5239
200	462	450	1770	468	8-481-24	449TS	5569	
205	474	450	1770	484	8-481-24	449TS	5569	
210	485	450	1770	498	8-481-24	449TS	5569	
214	494	450	1770	510	8-481-24	449TS	5569	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
2 5 0 0 G P M	50	116	100	1770	107	8-491-14A	404TS	2580
	55	127	100	1770	113	8-491-14A	404TS	2580
	60	139	125	1770	129	8-491-14A	405TS	2675
	65	150	125	1770	143	8-491-14A	405TS	2675
	70	162	150	1770	159	8-491-14A	444TS	2945
	74	171	150	1770	169	8-491-14A	444TS	2945
	75	173	150	1770	165	8-481-17B	444TS	2145
	80	185	150	1770	172	8-481-17B	444TS	2145
	85	196	200	1770	180	8-481-17B	445TS	2345
	90	208	200	1770	189	8-481-17B	445TS	2345
	95	219	200	1770	202	8-481-17B	445TS	2345
	100	231	200	1770	214	8-481-17B	445TS	2345
	105	243	200	1770	225	8-481-17B	445TS	2345
	110	254	250	1770	239	8-481-17B	445TS	2345
	115	266	250	1770	250	8-481-17B	445TS	2345
	120	277	250	1770	265	8-481-17B	445TS	2345
	125	289	250	1770	275	8-481-17B	445TS	2345
			250	1770	287	8-481-21A	445TS	2575
	130	300	300	1770	294	8-481-21A	447TS	3215
			300	1770	295	8-481-17B	447TS	2985
	135	312	300	1770	339	8-491-18A	447TS	4438
			300	1770	324	8-481-21A	447TS	3215
	140	323	300	1770	339	8-481-21A	447TS	3215
	145	335	350	1770	360	8-481-21A	447TS	3215
	150	347	350	1770	373	8-481-21A	447TS	3215
	155	358	350	1770	388	8-481-21A	447TS	3215
	160	370	350	1770	397	8-481-21A	447TS	3215
			400	1770	400	8-481-24	447TS	5089
	165	381	400	1770	415	8-481-21A	447TS	3215
			400	1770	414	8-481-24	447TS	5089
170	393	400	1770	436	8-481-21A	447TS	3515	
		400	1770	432	8-481-24	447TS	5089	
175	404	400	1770	457	8-481-21A	447TS	3515	
		400	1770	448	8-481-24	447TS	5089	
180	416	450	1770	477	8-481-21A	449TS	3515	
		450	1770	466	8-481-24	449TS	5569	
185	427	450	1770	497	8-481-21A	449TS	3515	
		450	1770	482	8-481-24	449TS	5569	
190	439	500	1770	523	8-481-21A	449TS	3515	
		450	1770	500	8-481-24	449TS	5569	
193	446	500	1770	540	8-481-21A	449TS	3515	
195	450	500	1770	517	8-481-24	449TS	5720	
200	462	500	1770	534	8-481-24	449TS	5720	
205	474	500	1770	552	8-481-24	449TS	5720	
210	485	500	1770	568	8-481-24	449TS	5720	
215	497	600	1770	586	8-481-24	RTF	RTF	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
3 0 0 0 G P M	60	139	125*	1770	141	8-491-14AU	405TS	2675
	65	150	150*	1770	154	8-491-14AU	444TS	2945
	70	162	150*	1770	169	8-491-14AU	444TS	2945
	75	173	200*	1770	182	8-491-14AU	445TS	3160
	79	182	200*	1770	203	8-491-14AU	445TS	3160
	80	185	200	1770	203	8-491-14A	445TS	3160
	90	208	250	1770	262	10-481-18D	445TS	3880
	95	219	250	1770	275	10-481-18D	445TS	3880
	100	231	300	1775	317	10-481-18	447TS	3535
			300	1770	307	10-481-18D	447TS	4265
	102	236	300	1775	324	10-481-18	447TS	3535
	104	240	250	1770	250	8-491-18A	445TS	3775
			300	1775	331	10-481-18	447TS	3535
	105	243	250	1770	253	8-491-18A	445TS	3775
			300	1775	334	10-481-18	447TS	3535
			300	1770	324	10-481-18D	447TS	4265
	110	254	250	1770	270	8-491-18A	445TS	3775
			350	1775	365	10-481-18	447TS	3535
			350	1770	357	10-481-18D	447TS	4265
	115	266	250	1770	287	8-491-18A	445TS	3775
			350	1775	385	10-481-18	447TS	3535
			350	1770	378	10-481-18D	447TS	4265
	120	277	300	1770	298	8-491-18A	447TS	4380
			350	1775	400	10-481-18	447TS	3535
			350	1770	402	10-481-18D	447TS	4265
	125	289	300	1770	315	8-491-18A	447TS	4380
			400	1775	423	10-481-18	447TS	3835
			400	1770	427	10-481-18D	447TS	4265
130	300	300	1770	328	8-491-18A	447TS	4380	
		400	1775	452	10-481-18	447TS	3835	
		400	1770	454	10-481-18D	447TS	4265	
135	312	400	1770	435	10-492-18	447TS	4730	
		450	1775	482	10-481-18	449TS	3835	
		450	1770	484	10-481-18D	449TS	4280	
138	319	450	1770	493	10-481-18D	449TS	4280	
140	323	400	1770	450	10-492-18	447TS	4730	
		500	1775	503	10-481-18	449TS	3835	
145	335	450	1770	475	10-492-18	449TS	4745	
		500	1775	513	10-481-18	449TS	3835	
150	347	450	1770	508	10-492-18	449TS	4745	
153	353	500	1770	518	10-492-18	449TS	4745	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
3 5 0 0 G P M	88	203	250	1770	268	10-481-18D	445TS	3880
	90	208	250	1770	277	10-481-18D	445TS	3880
	95	219	300	1770	298	10-481-18D	447TS	4265
	99	229	300	1770	300	10-492-18	447TS	4730
	100	231	300	1775	325	10-481-18	447TS	3535
			300	1770	321	10-481-18D	447TS	4265
	105	243	300	1775	340	10-481-18	447TS	3535
			300	1770	345	10-481-18D	447TS	4265
	110	254	350	1775	370	10-481-18	447TS	3535
			350	1770	370	10-481-18D	447TS	4265
	115	266	350	1775	395	10-481-18	447TS	3535
			350	1770	395	10-481-18D	447TS	4265
	120	277	350	1770	365	10-492-18	447TS	4730
			400	1775	423	10-481-18	447TS	3835
			400	1770	412	10-481-18D	447TS	4265
	125	289	350	1770	400	10-492-18	447TS	4730
			400	1775	452	10-481-18	447TS	3835
			400	1770	438	10-481-18D	447TS	4265
130	300	400	1770	420	10-492-18	447TS	4730	
		450	1775	482	10-481-18	449TS	3835	
		400	1770	460	10-481-18D	447TS	4265	
135	312	400	1770	441	10-492-18	447TS	4730	
		500	1775	503	10-481-18	449TS	3835	
		450	1770	490	10-481-18D	449TS	4280	
140	323	450	1770	460	10-492-18	449TS	4745	
		500	1775	513	10-481-18	449TS	3835	
145	335	450	1770	500	10-492-18	449TS	4745	
151	349	500	1770	518	10-492-18	449TS	4745	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
4 0 0 0 G P M	85	196	250	1770	274	10-481-18D	445TS	3880
	90	208	300	1770	302	10-481-18D	447TS	4265
	94	217	350	1785	363	10-491-20	447TS	RTF
	95	219	300	1775	317	10-481-18	447TS	3535
			350	1785	366	10-491-20	447TS	RTF
			300	1770	324	10-481-18D	447TS	4265
	100	231	300	1775	330	10-481-18	447TS	3535
			350	1785	383	10-491-20	447TS	RTF
			300	1770	345	10-481-18D	447TS	4265
	105	243	350	1775	365	10-481-18	447TS	3535
			350	1785	401	10-491-20	447TS	RTF
			350	1770	372	10-481-18D	447TS	4265
	109	252	350	1775	381	10-481-18	447TS	3535
			400	1785	417	10-491-20	447TS	RTF
	110	254	350	1775	385	10-481-18	447TS	3535
			400	1785	421	10-491-20	447TS	RTF
			350	1770	396	10-481-18D	447TS	4265
	115	266	400	1785	444	10-491-20	447TS	RTF
			400	1770	419	10-481-18D	447TS	4265
	120	277	450	1785	468	10-491-20	449TS	RTF
400			1770	446	10-481-18D	447TS	4265	
125	289	450	1785	494	10-491-20	449TS	RTF	
		450	1770	474	10-481-18D	449TS	4280	
130	300	500	1785	522	10-491-20	449TS	RTF	
		450	1770	500	10-481-18D	449TS	4280	
134	310	500	1770	525	10-481-18D	449TS	4280	
135	312	500	1785	551	10-491-20	449TS	RTF	
140	323	600	1785	581	10-491-20	RTF	RTF	
145	335	600	1785	613	10-491-20	RTF	RTF	
150	347	600	1785	645	10-491-20	RTF	RTF	
155	358	600	1785	671	10-491-20	RTF	RTF	
160	370	700	1785	698	10-491-20	RTF	RTF	
165	381	700	1785	728	10-491-20	RTF	RTF	
170	393	700	1785	755	10-491-20	RTF	RTF	
175	404	700	1785	785	10-491-20	RTF	RTF	
180	416	800	1785	816	10-491-20	RTF	RTF	
185	427	800	1785	847	10-491-20	RTF	RTF	
190	439	800	1785	879	10-491-20	RTF	RTF	
195	450	800	1785	912	10-491-20	RTF	RTF	
198	457	900	1785	935	10-491-20	RTF	RTF	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
4 5 0 0 G P M	81	187	250	1770	275	10-481-18D	445TS	3880
	85	196	300	1770	296	10-481-18D	447TS	4265
	90	208	350	1785	363	10-491-20	447TS	RTF
			300	1770	320	10-481-18D	447TS	4265
	95	219	350	1785	375	10-491-20	447TS	RTF
			300	1770	342	10-481-18D	447TS	4265
	100	231	350	1785	390	10-491-20	447TS	RTF
			350	1770	375	10-481-18D	447TS	4265
	105	243	400	1785	408	10-491-20	447TS	RTF
			350	1770	399	10-481-18D	447TS	4265
	110	254	400	1785	428	10-491-20	447TS	RTF
			400	1770	425	10-481-18D	447TS	4265
	115	266	400	1785	450	10-491-20	447TS	RTF
			400	1770	446	10-481-18D	447TS	4265
	119	275	450	1785	470	10-491-20	449TS	RTF
	120	277	450	1785	475	10-491-20	449TS	RTF
			450	1770	477	10-481-18D	449TS	4280
	125	289	450	1785	502	10-491-20	449TS	RTF
			450	1770	506	10-481-18D	449TS	4280
	130	300	500	1785	531	10-491-20	449TS	RTF
500			1770	531	10-481-18D	449TS	4280	
132	305	500	1770	544	10-481-18D	449TS	4280	
135	312	500	1785	561	10-491-20	449TS	RTF	
140	323	600	1785	593	10-491-20	RTF	RTF	
145	335	600	1785	626	10-491-20	RTF	RTF	
150	347	600	1785	657	10-491-20	RTF	RTF	
155	358	600	1785	685	10-491-20	RTF	RTF	
160	370	700	1785	713	10-491-20	RTF	RTF	
165	381	700	1785	743	10-491-20	RTF	RTF	
170	393	700	1785	772	10-491-20	RTF	RTF	
175	404	700	1785	803	10-491-20	RTF	RTF	
180	416	800	1785	835	10-491-20	RTF	RTF	
185	427	800	1785	868	10-491-20	RTF	RTF	
188	434	800	1785	894	10-491-20	RTF	RTF	
190	439	800	1785	900	10-491-20	RTF	RTF	
195	450	900	1785	935	10-491-20	RTF	RTF	

Selection Tables

Horizontal Split Case Fire Pump

Electric Motor Drive

Section 912 Page 326
Date March 1, 2011
Supersedes Nov. 15, 2010

Electric Driven								
Flow	Pressure		Required Motor HP Rating			Pump Size & Model	Motor Frame	Unit Weight
	(PSI)	(TDH)	UL Listed & FM Approved	Speed (RPM)	Horse Power (BHP)			
5 0 0 0 G P M	88	203	350	1785	363	10-491-20	447TS	RTF
	90	208	350	1785	368	10-491-20	447TS	RTF
	91	210	350	1770	348	10-481-18D	447TS	4265
	95	219	350	1785	380	10-491-20	447TS	RTF
			350	1770	367	10-481-18D	447TS	4265
	100	231	350	1785	396	10-491-20	447TS	RTF
			350	1770	394	10-481-18D	447TS	4265
	101	233	350	1785	400	10-491-20	447TS	RTF
	102	236	400	1785	404	10-491-20	447TS	RTF
	105	243	400	1785	415	10-491-20	447TS	RTF
			400	1770	419	10-481-18D	447TS	4265
	110	254	400	1785	436	10-491-20	447TS	RTF
			400	1770	445	10-481-18D	447TS	4265
	114	263	400	1785	456	10-491-20	447TS	RTF
	115	266	400	1785	460	10-491-20	447TS	RTF
			450	1770	469	10-481-18D	449TS	4280
	120	277	450	1785	486	10-491-20	449TS	RTF
			450	1770	499	10-481-18D	449TS	4280
	125	289	450	1785	515	10-491-20	449TS	RTF
			500	1770	529	10-481-18D	449TS	4280
130	300	500	1785	545	10-491-20	449TS	RTF	
		500	1770	551	10-481-18D	449TS	4280	
135	312	600	1785	576	10-491-20	RTF	RTF	
140	323	600	1785	609	10-491-20	RTF	RTF	
145	335	600	1785	643	10-491-20	RTF	RTF	
150	347	600	1785	670	10-491-20	RTF	RTF	
155	358	700	1785	699	10-491-20	RTF	RTF	
160	370	700	1785	728	10-491-20	RTF	RTF	
165	381	700	1785	757	10-491-20	RTF	RTF	
170	393	700	1785	785	10-491-20	RTF	RTF	
175	404	800	1785	820	10-491-20	RTF	RTF	
180	416	800	1785	845	10-491-20	RTF	RTF	
185	427	800	1785	875	10-491-20	RTF	RTF	
190	439	800	1785	905	10-491-20	RTF	RTF	
195	450	900	1785	935	10-491-20	RTF	RTF	