

Vertical Split Case Fire Pump
60 Hz Electric Motor Driven

Date April 2, 2014

Electric Driven				
Flow	Pressure		Speed (rpm)	Pump Size and Model
	(psi)	(TDH)		
250 GPM	40	92	3560	3"-1844F
	45	104	3560	3"-1844F
	50	116	3560	3"-1844F
	52	120	3560	2-1/2"-1843BF
	55	127	3560	2-1/2"-1843BF
			3560	3"-1844F
	60	139	3560	2-1/2"-1843BF
			3560	3"-1844F
	65	150	3560	2-1/2"-1843BF
			3560	3"-1844F
	70	162	3560	2-1/2"-1843BF
			3560	3"-1844F
	75	173	3560	2-1/2"-1843BF
			3560	3"-1844F
	80	185	3560	2-1/2"-1843BF
			3560	3"-1844F
	85	196	3560	2-1/2"-1843BF
			3560	3"-1844F
	90	208	3560	2-1/2"-1843BF
			3560	3"-1844F
	95	219	3560	2-1/2"-1843BF
			3560	3"-1844F
	100	231	3560	2-1/2"-1843BF
			3560	3"-1844F
	105	243	3560	2-1/2"-1843BF
	110	254	3560	2-1/2"-1843BF
	115	266	3560	2-1/2"-1843BF
	120	277	3560	2-1/2"-1843BF
125	289	3560	2-1/2"-1843BF	
130	300	3560	2-1/2"-1843BF	
135	312	3560	2-1/2"-1843BF	
140	323	3560	2-1/2"-1843BF	
145	335	3560	2-1/2"-1843BF	
150	347	3560	2-1/2"-1843BF	
155	358	3560	2-1/2"-1843BF	
160	370	3560	2-1/2"-1843BF	
165	381	3560	2-1/2"-1843BF	
167	386	3560	2-1/2"-1843BF	

For further details on pump performance, please contact your local Fairbanks Nijhuis fire pump distributor.

FAIRBANKS NIJHUIS™ SELECTION TABLES

Vertical Split Case Fire Pump
60 Hz Electric Motor Driven

Electric Driven				
Flow	Pressure		Speed (rpm)	Pump Size and Model
	(psi)	(TDH)		
500 GPM	40	92	1770	4"-1843AF
	45	104	1770	4"-1843AF
	50	116	1770	4"-1843AF
			3560	3"-1844F
	55	127	1770	4"-1843AF
			3560	3"-1844F
	60	139	1770	4"-1844F
			3560	3"-1844F
	65	150	1770	4"-1844F
			3560	3"-1844F
	70	162	1770	4"-1844F
			3560	3"-1844F
	75	173	1770	4"-1844F
			3560	3"-1844F
	80	185	1770	4"-1844F
			3560	3"-1844F
	85	196	3560	3"-1844F
	90	208	3560	3"-1844F
	95	219	3560	3"-1844F
	100	231	3560	3"-1844F
105	243	3560	3"-1844F	
110	254	3560	3"-1844F	
115	266	3560	3"-1844F	
120	277	3560	3"-1844F	
125	289	3560	3"-1844F	
130	300	3560	3"-1844F	
135	312	3560	3"-1844F	
140	323	3560	3"-1844F	
145	335	3560	3"-1844F	
150	347	3560	3"-1844F	

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Flow	Pressure		Speed (rpm)	Pump Size and Model
	(psi)	(TDH)		
750 GPM	40	92	1770	4"-1843AF
	45	104	1770	4"-1843AF
	50	116	1770	4"-1843AF
			1770	5"-1843F
	55	127	1770	5"-1843F
	60	139	1770	5"-1843F
	65	150	1770	5"-1843F
			3560	4"-1843CF
	70	162	1770	5"-1843F
	71	164	3560	4"-1843CF
			1770	4"-1844F
	75	173	1770	4"-1844F
			3560	4"-1843CF
	80	185	1770	4"-1844F
			3560	4"-1843CF
	81	187	3560	4"-1843DF
	85	196	1770	4"-1844F
			3560	4"-1843DF
	90	208	1770	4"-1844F
			3560	4"-1843DF
	95	219	1770	4"-1844F
			3560	4"-1843DF
	100	231	3560	4"-1843DF
	105	243	3560	4"-1843DF
	110	254	3560	4"-1843DF
	115	266	3560	4"-1843DF
	120	277	3560	4"-1843DF
	125	289	3560	4"-1843DF
	130	300	3560	4"-1843DF
	135	312	3560	4"-1843DF
140	323	3560	4"-1843DF	
145	335	3560	4"-1843DF	
150	347	3560	4"-1843DF	
155	358	3560	4"-1843DF	
160	370	3560	4"-1843DF	
165	381	3560	4"-1843DF	
170	393	3560	4"-1843DF	
175	404	3560	4"-1843DF	
180	416	3560	4"-1843DF	
185	427	3560	4"-1843DF	
190	439	3560	4"-1843DF	
192	444	3560	4"-1843CF	

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Electric Driven				
Flow	Pressure		Speed (rpm)	Pump Size and Model
	(psi)	(TDH)		
1000 GPM	40	92	1770	6"-1842F
	45	104	1770	6"-1842F
	50	116	1770	5"-1843F
			1770	6"-1842F
	55	127	1770	5"-1843F
	60	139	1770	5"-1843F
	65	150	1770	5"-1843F
	70	162	1770	5"-1843F
	75	173	1770	5"-1843F
	80	185	1770	5"-1843F
	85	196	1770	5"-1843F
			1770	5"-1844F
	90	208	1770	5"-1843F
			3560	5"-1842CF
			1770	5"-1844F
	95	219	3560	5"-1842CF
			1770	5"-1844F
	100	231	3560	5"-1842CF
			1770	5"-1844F
	105	243	3560	5"-1842CF
			1770	5"-1844F
	110	254	3560	5"-1842CF
			1770	5"-1844F
	115	266	3560	5"-1842CF
			1770	5"-1844F
	120	277	3560	5"-1842CF
			1770	5"-1844F
	125	289	3560	5"-1842CF
			3560	5"-1842CF
	130	300	3560	5"-1842CF
	135	312	3560	5"-1842CF
	140	323	3560	5"-1842CF
145	335	3560	5"-1842CF	
150	347	3560	5"-1842CF	
155	358	3560	5"-1842CF	
160	370	3560	5"-1842BF	
		3560	5"-1842CF	
165	381	3560	5"-1842BF	
170	393	3560	5"-1842BF	
175	404	3560	5"-1842BF	
180	416	3560	5"-1842BF	
185	427	3560	5"-1842BF	
190	439	3560	5"-1842BF	
195	450	3560	5"-1842BF	
200	462	3560	5"-1842BF	

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Electric Driven				
Flow	Pressure		Speed (rpm)	Pump Size and Model
	(psi)	(TDH)		
1250 GPM	45	104	1770	8"-1842F
	50	116	1770	8"-1842F
	53	122	1770	8"-1842F
	55	127	1770	6"-1843CF
	60	139	1770	6"-1843CF
	65	150	1770	6"-1843CF
	70	162	1770	6"-1843CF
	75	173	1770	6"-1843CF
	80	185	1770	6"-1843CF
	85	196	1770	6"-1843CF
			1770	6"-1845F
	90	208	1770	6"-1843CF
			1770	6"-1845F
	95	219	1770	6"-1843CF
			1770	6"-1845F
	100	231	1770	6"-1844BF
			1770	6"-1845F
	105	243	1770	6"-1844BF
			1770	6"-1845F
	110	254	1770	6"-1844BF
			1770	6"-1845F
	115	266	1770	6"-1844BF
			1770	6"-1845F
	120	277	1770	6"-1844BF
			1770	6"-1845F
	125	289	1770	6"-1844BF
			1770	6"-1845F
	130	300	1770	6"-1844BF
1770			6"-1845F	
135	312	1770	6"-1844BF	
		1770	6"-1845F	
140	323	1770	6"-1844BF	
		1770	6"-1845F	
145	335	1770	6"-1845F	
150	347	1770	6"-1845F	
155	358	1770	6"-1845F	
160	370	1770	6"-1845F	
165	381	1770	6"-1845F	
168	388	1770	6"-1845F	

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Electric Driven				
Flow	Pressure		Speed (rpm)	Pump Size and Model
	(psi)	(TDH)		
1500 GPM	40	92	1770	8"-1842F
	45	104	1770	8"-1842F
	50	116	1770	6"-1843F
			1770	8"-1842F
	55	127	1770	6"-1843F
	60	139	1770	6"-1843F
	65	150	1770	6"-1843F
	71	164	1770	6"-1843CF
	75	173	1770	6"-1843F
			1770	6"-1843CF
	80	185	1770	6"-1843F
			1770	6"-1843CF
			1770	6"-1845F
	85	196	1770	6"-1843F
			1770	6"-1843CF
			1770	6"-1845F
	90	208	1770	6"-1843F
			1770	6"-1843CF
			1770	6"-1845F
	95	219	1770	6"-1844BF
			1770	6"-1845F
	100	231	1770	6"-1844BF
			1770	6"-1845F
	105	243	1770	6"-1844BF
			1770	6"-1845F
	110	254	1770	6"-1844BF
			1770	6"-1845F
	115	266	1770	6"-1844BF
			1770	6"-1845F
	120	277	1770	6"-1844BF
1770			6"-1845F	
125	289	1770	6"-1844BF	
		1770	6"-1845F	
130	300	1770	6"-1844BF	
		1770	6"-1845F	
135	312	1770	6"-1845F	
140	323	1770	6"-1845F	
145	335	1770	6"-1845F	
150	347	1770	6"-1845F	
155	358	1770	6"-1845F	
160	370	1770	6"-1845F	
165	381	1770	6"-1845F	

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Flow	Pressure		Speed (rpm)	Pump Size and Model
	(psi)	(TDH)		
2000 GPM	53	122	1770	8"-1844BF
	55	127	1770	8"-1844BF
	60	139	1770	8"-1844BF
	65	150	1770	8"-1844BF
	70	162	1770	8"-1844BF
	75	173	1770	8"-1844BF
	80	185	1770	6"-1843BF
			1770	8"-1844BF
	85	196	1770	6"-1843BF
			1770	8"-1844BF
	90	208	1770	6"-1843BF
			1770	8"-1844BF
	95	219	1770	6"-1843BF
			1770	8"-1844BF
	100	231	1770	6"-1843BF
			1770	6"-1843CF
			1770	8"-1844BF
	105	243	1770	6"-1844CF
			1770	8"-1844BF
	110	254	1770	6"-1844CF
			1770	8"-1844BF
	115	266	1770	6"-1844CF
			1770	8"-1844BF
	120	277	1770	6"-1844CF
1770			8"-1844BF	
125	289	1770	6"-1844CF	
		1770	6"-1845F	
		1770	8"-1844BF	
130	300	1770	6"-1844CF	
		1770	6"-1845F	
		1770	8"-1844BF	
135	312	1770	6"-1844CF	
		1770	6"-1845F	
140	323	1770	6"-1844CF	
		1770	6"-1845F	
145	335	1770	6"-1845F	
150	347	1770	6"-1845F	

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Electric Driven				
Flow	Pressure		Speed (rpm)	Pump Size and Model
	(psi)	(TDH)		
2500 GPM	75	173	1770	8"-1844BF
	80	185	1770	8"-1844BF
	85	196	1770	8"-1844BF
	90	208	1770	8"-1844BF
	95	219	1770	8"-1844BF
	100	231	1770	8"-1844BF
	105	243	1770	8"-1844BF
	110	254	1770	8"-1844BF
	115	266	1770	8"-1844BF
	120	277	1770	8"-1844BF
	125	289	1770	8"-1844BF
130	300	1770	8"-1844BF	

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