

# HORIZONTAL SPLIT CASE DIESEL FIRE PUMP |

## SELECTION CHARTS

File No: F46.210  
 Date: JUNE 03, 2024  
 Supersedes: F46.210  
 Date: MAY 28, 2024

PUMP	FLOW USgpm (L/s)	SPEED rpm	PRESSURE RANGE PSI (kPa)		
			UL	ULC	FM
5×4×10NF	500(32)	2800	55 (379) – 106 (731)	55 (379) – 106 (731)	–
		3000	60 (414) – 116 (800)	60 (414) – 116 (800)	61 (420) – 117 (806)
5×4×10F	500(32)	2600	41 (283) – 92 (634)	41 (283) – 91 (627)	41 (283) – 92 (634)
		2800	48 (331) – 107 (738)	48 (331) – 107 (738)	48 (331) – 107 (738)
		3000	46 (317) – 125 (862)	46 (317) – 125 (862)	46 (317) – 124 (855)
	750(47)	3000	84 (579) – 116 (800)	84 (579) – 116 (800)	83 (572) – 116 (800)
5×4×12HF	500(32)	1780	41 (283) – 64 (441)	40 (276) – 64 (441)	41 (283) – 63 (434)
		2100	41 (283) – 91 (627)	40 (276) – 91 (627)	41 (283) – 91 (627)
		2350	52 (359) – 117 (807)	52 (359) – 116 (800)	53 (365) – 116 (800)
	750(47)	2350	84 (579) – 110 (758)	84 (579) – 107 (738)	84 (579) – 107 (738)
5×4×17F	500(32)	1480	45 (310) – 91 (627)	45 (310) – 91 (627)	45 (310) – 90 (620)
		1780	97 (668) – 135 (930)	97 (668) – 135 (930)	96 (660) – 134 (925)
		2100	100 (689) – 195 (1344)	100 (689) – 195 (1344)	100 (690) – 194 (1340)
		2350	109 (751) – 244 (1682)	109 (751) – 244 (1682)	109 (751) – 243 (1675)
		2600	135 (931) – 282 (1944)	135 (931) – 282 (1944)	134 (925) – 279 (1925)
	750(47)	1780	86 (592) – 125 (861)	86 (592) – 125 (861)	85 (585) – 123 (850)
		2100	89 (613) – 186 (1282)	89 (613) – 186 (1282)	88 (606) – 185 (1275)
		2350	102 (703) – 236 (1627)	102 (703) – 236 (1627)	100 (690) – 235 (1620)
		2600	126 (868) – 276 (1902)	126 (868) – 276 (1902)	126 (870) – 271 (1870)
		3000	173 (1193) – 253 (1744)	173 (1193) – 253 (1744)	172 (1185) – 252 (1735)
6×5×9.5F	750(47)	2600	47 (324) – 67 (462)	46 (317) – 67 (462)	47 (324) – 67 (462)
		2800	55 (379) – 80 (551)	55 (379) – 80 (551)	56 (386) – 80 (551)
		3000	66 (455) – 93 (641)	65 (448) – 93 (641)	66 (455) – 94 (648)
	1000(63)	3000	77 (531) – 85 (586)	77 (531) – 86 (592)	77 (531) – 85 (586)
6×5×10F	750(47)	2600	56 (386) – 92 (634)	54 (372) – 92 (634)	54 (372) – 92 (634)
		2800	63 (434) – 107 (738)	63 (434) – 107 (738)	63 (434) – 107 (738)
		3000	75 (517) – 123 (848)	75 (517) – 123 (848)	74 (510) – 123 (848)
	1000(63)	3000	92 (634) – 117 (807)	92 (634) – 117 (807)	92 (634) – 117 (807)
6 x 5 x 12 F	500 (32)	2350	89 (613) – 111 (765)	89 (613) – 111 (765)	90 (620) – 110 (760)
		2600	90 (135) – 135 (930)	90 (135) – 135 (930)	90 (620) – 136 (940)
		3000	121 (834) – 184 (1270)	121 (834) – 184 (1270)	121 (835) – 185 (1275)
	750 (47)	2350	82 (565) – 101 (696)	82 (565) – 101 (696)	83 (570) – 102 (705)
		2600	80 (552) – 127 (876)	80 (552) – 127 (876)	81 (560) – 128 (885)
		3000	111 (765) – 177 (1220)	111 (765) – 177 (1220)	113 (780) – 177 (1220)
	1000 (63)	3000	127 (876) – 163 (1124)	127 (876) – 163 (1124)	129 (889) – 165 (1138)

PUMP	FLOW USgpm (L/s)	SPEED rpm	PRESSURE RANGE PSI (kPa)		
			UL	ULC	FM
6×5×12HF	750(47)	1780	45 (310) – 68 (469)	45 (310) – 68 (469)	45 (310) – 68 (469)
		2350	83 (572) – 126 (869)	83 (572) – 126 (869)	83 (572) – 126 (869)
	1000(63)	2350	77 (531) – 120 (827)	77 (531) – 120 (827)	77 (531) – 120 (827)
6×5×12MF	750(47)	2350	56 (386) – 104 (717)	56 (386) – 104 (717)	56 (386) – 104 (717)
		2600	72 (496) – 129 (889)	72 (496) – 129 (889)	72 (496) – 129 (889)
		2800	85 (586) – 151 (1041)	85 (586) – 151 (1041)	85 (586) – 151 (1041)
		2945	95 (655) – 168 (1158)	95 (655) – 168 (1158)	95 (655) – 168 (1158)
	1000(63)	2600	93 (641) – 124 (854)	93 (641) – 124 (854)	93 (641) – 124 (854)
		2800	111 (765) – 146 (1006)	111 (765) – 146 (1006)	111 (765) – 146 (1006)
		2945	104 (717) – 163 (1123)	104 (717) – 163 (1123)	104 (717) – 163 (1123)
6×5×15NF	1000 (63)	2100	78 (538) – 131 (903)	78 (538) – 131 (903)	79 (545) – 131 (903)
		3000	174 (1199) – 236 (1627)	174 (1199) – 236 (1627)	175 (1207) – 237 (1634)
	1250 (79)	2100	102 (703) – 124 (855)	102 (703) – 124 (855)	104 (717) – 125 (862)
		3000	166 (1144) – 229 (1579)	166 (1144) – 229 (1579)	167 (1151) – 230 (1586)
	1500 (95)	3000	159 (1096) – 221 (1524)	159 (1096) – 221 (1524)	161 (1110) – 223 (1538)
6×5×15F	1000 (63)	1780	51 (352) – 96 (662)	51 (352) – 96 (662)	51 (352) – 96 (662)
		2100	75 (517) – 137 (945)	75 (517) – 137 (945)	75 (517) – 137 (945)
		2960	N/A	N/A	162 (1117) – 236 (1627)
	1250 (79)	1790	75 (517) – 92 (634)	75 (517) – 92 (634)	75 (517) – 92 (634)
		2100	77 (531) – 133 (917)	77 (531) – 133 (917)	77 (531) – 133 (917)
		2350	90 (621) – 170 (1172)	90 (621) – 170 (1172)	90 (621) – 170 (1172)
		2600	116 (212) – 212 (1462)	116 (800) – 212 (1462)	116 (800) – 212 (1462)
		2800	136 (938) – 205 (1413)	136 (938) – 205 (1413)	136 (938) – 205 (1413)
	1500 (95)	2960	155 (1069) – 229 (1579)	155 (1069) – 229 (1579)	155 (1069) – 229 (1579)
		2350	122 (841) – 164 (1131)	122 (841) – 164 (1131)	122 (841) – 164 (1131)
		2600	122 (841) – 207 (1427)	122 (841) – 207 (1427)	122 (841) – 206 (1420)
		2800	128 (883) – 197 (1358)	128 (883) – 197 (1358)	128 (883) – 197 (1358)
	8×6×10LF	1000 (63)	2600	60 (414) – 95 (655)	59 (407) – 95 (655)
3000			66 (455) – 130 (896)	65 (448) – 131 (903)	65 (448) – 129 (889)
1250 (79)		3000	78 (538) – 125 (862)	77 (531) – 125 (862)	77 (531) – 125 (862)
1500 (95)		3000	100 (690) – 120 (827)	100 (690) – 119 (821)	100 (690) – 119 (821)
8×6×10NF	1250 (79)	3000	97 (668) – 117 (806)	97 (668) – 117 (806)	97 (668) – 117 (806)
8×6×12.5LF	1250 (79)	3000	125 (862) – 195 (1345)	125 (862) – 194 (1338)	125 (862) – 195 (1345)
8×6×12.5MF	1250 (79)	2350	51 (352) – 78 (538)	51 (352) – 78 (538)	51 (352) – 78 (538)
	1500 (95)	2350	72 (496) – 98 (676)	72 (496) – 98 (676)	72 (496) – 98 (676)
		2600	82 (565) – 126 (869)	82 (565) – 126 (869)	83 (572) – 126 (869)
		2945	111 (765) – 167 (1151)	111 (765) – 167 (1151)	111 (765) – 167 (1151)

PUMP	FLOW USgpm (L/s)	SPEED rpm	PRESSURE RANGE PSI (kPa)			
			UL	ULC	FM	
8×6×12.5HF	1250 (79)	1780	40 (276) – 74 (510)	40 (276) – 74 (510)	40 (276) – 73 (503)	
		2100	59 (406) – 106 (731)	58 (400) – 106 (731)	58 (400) – 106 (731)	
		2350	76 (524) – 135 (931)	76 (524) – 134 (924)	76 (524) – 134 (924)	
	1500 (95)	1780	50 (345) – 72 (496)	49 (338) – 73 (503)	50 (345) – 72 (496)	
		2100	54 (372) – 103 (710)	54 (372) – 103 (710)	53 (365) – 103 (710)	
		2350	72 (496) – 130 (896)	73 (503) – 131 (903)	72 (496) – 130 (896)	
8×6×15NF	1500 (95)	1780	55 (379) – 88 (606)	55 (379) – 88 (606)	55 (379) – 88 (606)	
		2100	69 (372) – 128 (882)	69 (372) – 128 (882)	69 (372) – 128 (882)	
		2350	105 (723) – 166 (1144)	105 (723) – 166 (1144)	105 (723) – 166 (1144)	
	2000 (126)	2100	116 (780) – 121 (834)	116 (780) – 121 (834)	118 (813) – 122 (841)	
		2350	97 (668) – 154 (1061)	97 (668) – 154 (1061)	97 (668) – 154 (1061)	
8×6×15MF	1500 (95)	1780	50 (345) – 103 (710)	50 (345) – 103 (710)	50 (345) – 103 (710)	
		2100	74 (510) – 148 (1020)	74 (510) – 148 (1020)	74 (510) – 148 (1020)	
		2350	96 (662) – 187 (1289)	96 (662) – 187 (1289)	96 (662) – 187 (1289)	
	2000 (126)	1780	79 (545) – 96 (662)	79 (545) – 96 (662)	80 (552) – 96 (662)	
		2100	87 (600) – 141 (972)	87 (600) – 141 (972)	87 (600) – 141 (972)	
		2350	87 (600) – 182 (1255)	87 (600) – 182 (1255)	87 (600) – 182 (1255)	
8×6×15HF	1500 (95)	1780	75 (517) – 112 (772)	75 (517) – 112 (772)	75 (517) – 112 (772)	
	2000 (126)	1780	70 (483) – 107 (738)	70 (483) – 107 (738)	70 (483) – 107 (738)	
8×6×16F	750 (47)	1780	64 (441) – 116 (800)	64 (441) – 116 (800)	64 (441) – 116 (800)	
		2100	90 (621) – 164 (1131)	90 (621) – 164 (1131)	90 (621) – 164 (1131)	
		2350	114 (786) – 176 (1214)	114 (786) – 175 (1207)	115 (793) – 177 (1220)	
	1000 (63)	1780	61 (421) – 113 (779)	61 (421) – 113 (779)	61 (421) – 114 (786)	
		2100	87 (600) – 162 (1117)	87 (600) – 162 (1117)	88 (607) – 162 (1117)	
		2350	111 (765) – 175 (1207)	111 (765) – 175 (1207)	113 (779) – 175 (1207)	
	1250 (79)	1780	57 (393) – 110 (758)	57 (393) – 110 (758)	57 (393) – 112 (772)	
		2100	84 (579) – 158 (1089)	84 (579) – 158 (1089)	85 (586) – 158 (1089)	
		2350	108 (745) – 172 (1186)	108 (745) – 172 (1186)	110 (758) – 173 (1193)	
	1500 (95)	1780	72 (496) – 105 (724)	72 (496) – 105 (724)	72 (496) – 107 (738)	
		2100	78 (538) – 154 (1062)	78 (538) – 154 (1062)	81 (558) – 154 (1062)	
		2350	104 (717) – 167 (1151)	104 (717) – 167 (1151)	106 (731) – 170 (1172)	
	2000 (126)	2100	120 (827) – 142 (979)	120 (827) – 142 (979)	120 (827) – 142 (979)	
	10×8×11MF	2000 (126)	2945	100 (689) – 146 (1007)	100 (689) – 146 (1007)	100 (689) – 146 (1007)
	10×8×11HF	2000 (126)	1780	45 (310) – 53 (365)	45 (310) – 53 (365)	45 (310) – 54 (372)
2100			59 (407) – 80 (552)	59 (407) – 80 (552)	59 (407) – 80 (552)	
10×8×14NF	2000 (126)	2100	87 (600) – 121 (841)	87 (600) – 121 (834)	87 (600) – 122 (841)	
		2350	87 (600) – 155 (1068)	87 (600) – 155 (1068)	87 (600) – 155 (1068)	
	2500 (158)	2100	104 (717) – 113 (779)	104 (717) – 113 (779)	105 (723) – 114 (786)	
		2350	113 (779) – 151 (1041)	113 (779) – 151 (1041)	114 (786) – 152 (1048)	
10×8×14LF	2000 (126)	1780	61 (421) – 85 (586)	61 (421) – 86 (593)	61 (421) – 85 (586)	

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PUMP	FLOW USgpm (L/s)	SPEED rpm	PRESSURE RANGE PSI (kPa)		
			UL	ULC	FM
10×8×14HF	2000 (126)	1780	60 (414) – 91 (627)	59 (407) – 91 (627)	60 (414) – 91 (627)
		2100	73 (503) – 131 (903)	73 (503) – 131 (903)	73 (503) – 130 (896)
		2350	95 (655) – 154 (1062)	96 (662) – 154 (1062)	95 (655) – 153 (1055)
	2500 (158)	1780	80 (552) – 85 (586)	80 (552) – 86 (593)	80 (552) – 85 (586)
		2100	91 (627) – 127 (876)	91 (627) – 128 (883)	91 (627) – 127 (876)
		2350	108 (745) – 150 (1034)	107 (738) – 149 (1027)	108 (745) – 149 (1027)
10×8×20F	2000 (126)	1780	79 (545) – 152 (1048)	79 (545) – 152 (1048)	81 (559) – 153 (1055)
		2100	81 (559) – 183 (1262)	81 (559) – 183 (1262)	82 (565) – 181 (1250)
		2350	105 (724) – 182 (1255)	105 (724) – 182 (1255)	106 (730) – 182 (1255)
12×8×18F	2000 (126)	1780	89 (614) – 138 (951)	89 (614) – 138 (951)	89 (614) – 138 (951)
	2500 (158)	1780	84 (579) – 135 (931)	84 (579) – 135 (931)	84 (579) – 135 (931)
	3000 (189)	1780	79 (545) – 131 (903)	79 (545) – 131 (903)	79 (545) – 131 (903)
12×8×18NF	2500 (158)	1780	107 (737) – 134 (924)	107 (737) – 134 (924)	107 (737) – 135 (931)
	3000 (189)	1780	100 (689) – 130 (896)	100 (689) – 130 (896)	101 (696) – 130 (896)
14×10×20F	3000 (189)	1780	98 (675) – 172 (1185)	98 (675) – 172 (1185)	98 (675) – 171 (1180)
	3500 (221)	1780	95 (655) – 168 (1158)	95 (655) – 168 (1158)	94 (650) – 168 (1160)

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