

Special Application Three Phase, Open Drip Proof (ODP) UL[®] Listed for Fire Pump Applications



R, D,
FD, FR

APPLICATIONS:

For fire pump applications per NFPA[®] 20 where contaminants are minimal.

FEATURES:

- Class F Insulation, Class B Rise At Service Factor
- Rolled Steel Frame 250-320, Cast Iron Frame 360-440
- Aluminum End Shields 250, Cast Iron End Shields 280-440
- Premasked Mylar Nameplate 250-320, Stainless Steel 360-440 Frame
- 40°C Ambient, NEMA[®] Design B Performance On 60 Hertz Sine Wave Power
- Regreasable Bearings 180 Frame & Larger
- Double Shielded Bearings 250-400, Open On 440 Frame
- Lifting Provisions 210 Frame & Larger
- Suitable For Wye-Delta Start 250 Frame & Larger
- Dual Voltage Ratings Suitable For Part Winding Start (PWS) On Low Voltage
- 230/460 & 575 Volt Ratings Comply With NRCAN Standards
- 230/460V Ratings Dual Plated For 190/380V 50 Hertz, Next Lower Horsepower
- Oversized Connection Diagram, "CE" Mark On Nameplate

HP	RPM	Voltage	Frame	Catalog Number	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
20	3600	200/400	254T	FF20E1X	DS-3FFP	1.15	22.6	150	90.2	54/26.9	
	3600	208-230/460	254T	FF20E1A	DS-3FFP	1.15	22.6	162	90.2	54-47/23.6	
	1800	200/400	256T	FF20E2X	DS-3FFP	1.15	23.2	160	91.0	58/29.1	17
	1800	208-230/460	256T	FF20E2A	DS-3FFP	1.15	23.2	160	91.0	54-50/24.9	
25	3600	200/400	256T	FF25E1X	DS-3FFP	1.15	23.2	160	91.0	67/33	
	3600	208-230/460	256T	FF25E1A	DS-3FFP	1.15	23.2	172	91.0	66-58/29	
	1800	200/400	284TS	FF25E2XS	DS-3FFP	1.15	23.5	300	91.7	70/35	
	1800	208-230/460	284TS	FF25E2AS	DS-3FFP	1.15	23.5	300	92.4	66-60/30	
	1800	575	284TS	FF25E2GS	DS-3FFP	1.15	23.5	312	91.7	24.4	38
30	3600	200/400	284TS	FF30E1XS	DS-3FFP	1.15	23.5	300	92.4	78/39	
	3600	208-230/460	284TS	FF30E1AS	DS-3FFP	1.15	23.5	312	91.0	80-70/35	
	1800	200/400	286TS	FF30E2XS	DS-3FFP	1.15	23.5	350	93.6	79/40	
	1800	208-230/460	286TS	FF30E2AS	DS-3FFP	1.15	23.5	337	92.4	78-71/35	
40	3600	200/400	286TS	FF40E1XS	DS-3FFP	1.15	23.5	350	91.7	106/53	
	3600	230/460	286TS	FF40E1ES	DS-3FFP	1.15	23.5	325	93.0	90/45	
	3600	575	286TS	FF40E1GS	DS-3FFP	1.15	23.5	325	93.0	36	38
	1800	200/400	324TS	FF40E2XS	DS-3FFP	1.15	25.8	385	93.6	105/53	02
	1800	208-230/460	324TS	FF40E2AS	DS-3FFP	1.15	25.8	416	93.6	102-91/46	
	1800	575	324TS	FF40E2GS	DS-3FFP	1.15	25.8	416	93.0	37	38
50	3600	200/400	324TS	FF50E1XS	DS-3FFP	1.15	25.8	385	93.0	134/67	02
	3600	208-230/460	324TS	FF50E1AS	DS-3FFP	1.15	25.8	416	92.4	129-116/58	
	3600	575	324TS	FF50E1GS	DS-3FFP	1.15	25.8	416	92.4	46	38
	1800	200/400	326TS	FF50E2XS	DS-3FFP	1.15	25.8	415	93.6	131/65	02
	1800	208-230/460	326TS	FF50E2AS	DS-3FFP	1.15	25.8	446	93.6	128-114/57	
	1800	575	326TS	FF50E2GS	DS-3FFP	1.15	25.8	446	93.0	46	38
60	3600	200/400	326TS	FF60E1XS	DS-3FFP	1.15	25.8	415	93.0	156/78	02
	3600	230/460	326TS	FF60E1BS	DS-3FFP	1.15	25.8	447	93.0	155-136/68	
	3600	575	326TS	FF60E1GS	DS-3FFP	1.15	25.8	446	93.0	54	38
	1800	200/400	364TS	FF60E2XS	DS-3FFP	1.15	26.6	580	94.1	159/80	
	1800	230/460	364TS	FF60E2BS	DS-3FFP	1.15	26.6	611	93.6	150/75	
	1800	575	364TS	FF60E2GS	DS-3FFP	1.15	26.6	580	94.1	55	38
75	3600	200/400	364TS	FF75E1XS	DS-3FFP	1.15	26.6	580	93.0	200/100	
	3600	230/460	364TS	FF75E1ES	DS-3FFP	1.15	26.6	611	94.1	171/85	
	3600	575	364TS	FF75E1GS	DS-3FFP	1.15	26.6	580	94.1	68	38
	1800	200/400	365TS	FF75E2XS	DS-3FFP	1.15	27.6	600	94.1	199/99	
	1800	230/460	365TS	FF75E2BS	DS-3FFP	1.15	27.6	631	94.1	172/86	
	1800	575	365TS	FF75E2GS	DS-3FFP	1.15	27.6	600	95.0	70	38

Note 02 Suitable for Wye-Delta start on voltages shown
 Note 17 Twelve leads for across-the-line or wye-delta start on either voltage, part winding start on lower voltage
 Note 38 Q-6 Leads for across-the-line or wye-delta start

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R, D,
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(continued)

HP	RPM	Voltage	Frame	Catalog Number	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	NEMA Nom. Eff.	Full Load Amps	Notes
100	3600	200/400	365TS	FF100E1XS	DS-3FFP	1.15	28.0	600	93.0	260/130	
	3600	230/460	365TS	FF100E1BS	DS-3FFP	1.15	28.0	631	93.6	225/112	
	3600	575	365TS	FF100E1GS	DS-3FFP	1.15	28.0	631	94.1	89	38
	1800	200/400	404TS	FF100E2XS	DS-3FFP	1.15	29.5	750	94.5	261/130	47
	1800	230/460	404TS	FF100E2BS	DS-3FFP	1.15	29.5	885	94.5	226/113	47
	1800	575	404TS	FF100E2GS	DS-3FFP	1.15	29.5	750	95.0	90	38
125	3600	460	404TS	FF125E1CS	DS-3FFP	1.15	29.5	815	94.1	137	47
	3600	575	404TS	FF125E1GS	DS-3FFP	1.15	29.5	750	94.1	110	38
	1800	460	405TS	FF125E2CS	DS-3FFP	1.15	31.1	813	95.0	140	47
	1800	575	405TS	FF125E2GS	DS-3FFP	1.15	31.1	813	95.0	112	38
150	3600	460	405TS	FF150E1CS	DS-3FFP	1.15	31.0	763	93.6	165	47
	3600	575	405TS	FF150E1GS	DS-3FFP	1.15	31.0	813	93.6	132	38
	1800	460	444TS	FF150E2CS	DS-3FFP	1.15	36.1	1100	95.0	171	47
	1800	575	444TS	FF150E2GS	DS-3FFP	1.15	36.1	1100	95.0	136	38
200	3600	460	444TS	FF200E1CS	DS-3FFP	1.15	36.1	1100	94.5	225	47
	3600	575	444TS	FF200E1GS	DS-3FFP	1.15	36.1	1100	94.5	180	38
	1800	460	445TS	FF200E2CS	DS-3FFP	1.15	36.1	1200	95.0	230	47
	1800	575	445TS	FF200E2GS	DS-3FFP	1.15	36.1	1200	95.0	189	38
250	3600	460	445TS	FF250E1FS	DS-3FFP	1.15	36.1	1200	94.5	276	38
	1800	460	445TS	FF250E2FS	DS-3FFP	1.15	36.1	1200	95.4	281	47
	1800	575	445TS	FF250E2GS	DS-3FFP	1.15	36.1	1200	95.4	225	47
300	3600	460	445TS	FF300E1FS	DS-3FFP	1.15	36.1	1200	95.0	326	47

Note 38 Q-6 Leads for across-the-line or wye-delta start
 Note 47 Q-12 leads for across-the-line, wye-delta or part winding start

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