

Special Application Three Phase, Open Dripproof (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	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
20	3600	200/400	254T	FF20E1X	\$1,724	DS-3FFP	1.15	22.6	160	90.2	54/26.9	
	3600	208-230/460	254T	FF20E1A	\$1,724	DS-3FFP	1.15	22.6	162	90.2	54-47/23.6	
	1800	200/400	256T	FF20E2X	\$1,934	DS-3FFP	1.15	23.2	160	91.0	58/29.1	17
	1800	208-230/460	256T	FF20E2A	\$1,934	DS-3FFP	1.15	23.2	372	91.0	54-50/24.9	
25	3600	200/400	256T	FF25E1X	\$2,252	DS-3FFP	1.15	23.2	160	91.0	67/33	
	3600	208-230/460	256T	FF25E1A	\$2,252	DS-3FFP	1.15	23.2	172	91.0	66-58/29	
	1800	200/400	284TS	FF25E2XS	\$2,341	DS-3FFP	1.15	23.5	300	91.7	70/35	
	1800	208-230/460	284TS	FF25E2AS	\$2,341	DS-3FFP	1.15	23.5	300	92.4	66-60/30	
	1800	575	284TS	FF25E2GS	\$2,341	DS-3FFP	1.15	23.5	312	91.7	24.4	38
30	3600	200/400	284TS	FF30E1XS	\$2,654	DS-3FFP	1.15	23.5	300	92.4	78/39	
	3600	208-230/460	284TS	FF30E1AS	\$2,654	DS-3FFP	1.15	23.5	312	91.0	80-70/35	
	1800	200/400	286TS	FF30E2XS	\$2,780	DS-3FFP	1.15	23.5	350	93.6	79/40	
	1800	208-230/460	286TS	FF30E2AS	\$2,780	DS-3FFP	1.15	23.5	337	92.4	78-71/35	
40	3600	200/400	286TS	FF40E1XS	\$2,902	DS-3FFP	1.15	23.5	350	91.7	106/53	
	3600	230/460	286TS	FF40E1ES	\$2,902	DS-3FFP	1.15	23.5	325	93.0	90/45	
	3600	575	286TS	FF40E1GS	\$2,902	DS-3FFP	1.15	23.5	325	93.0	36	38
	1800	200/400	324TS	FF40E2XS	\$3,225	DS-3FFP	1.15	25.8	385	93.6	105/53	02
	1800	208-230/460	324TS	FF40E2AS	\$3,225	DS-3FFP	1.15	25.8	416	93.6	102-91/46	
	1800	575	324TS	FF40E2GS	\$3,225	DS-3FFP	1.15	25.8	416	93.0	37	38
50	3600	200/400	324TS	FF50E1XS	\$3,448	DS-3FFP	1.15	25.8	385	92.4	134/67	02
	3600	208-230/460	324TS	FF50E1AS	\$3,448	DS-3FFP	1.15	25.8	416	92.4	129-116/58	
	3600	575	324TS	FF50E1GS	\$3,448	DS-3FFP	1.15	25.8	416	92.4	46	38
	1800	200/400	326TS	FF50E2XS	\$3,779	DS-3FFP	1.15	25.8	415	93.6	131/65	02
	1800	208-230/460	326TS	FF50E2AS	\$3,779	DS-3FFP	1.15	25.8	446	93.6	128-114/57	
	1800	575	326TS	FF50E2GS	\$3,779	DS-3FFP	1.15	25.8	446	93.0	46	38
60	3600	200/400	326TS	FF60E1XS	\$4,752	DS-3FFP	1.15	25.8	415	93.0	156/78	02
	3600	230/460	326TS	FF60E1BS	\$4,752	DS-3FFP	1.15	25.8	447	93.0	155-136/68	
	3600	575	326TS	FF60E1GS	\$4,752	DS-3FFP	1.15	25.8	446	93.0	54	38
	1800	200/400	364TS	FF60E2XS	\$5,197	DS-3FFP	1.15	26.6	580	94.1	159/80	
	1800	230/460	364TS	FF60E2BS	\$5,197	DS-3FFP	1.15	26.6	611	93.6	150/75	
	1800	575	364TS	FF60E2GS	\$5,197	DS-3FFP	1.15	26.6	580	94.1	55	38
75	3600	200/400	364TS	FF75E1XS	\$6,255	DS-3FFP	1.15	26.6	580	93.0	200/100	
	3600	230/460	364TS	FF75E1ES	\$6,255	DS-3FFP	1.15	26.6	611	94.1	171/85	
	3600	575	364TS	FF75E1GS	\$6,255	DS-3FFP	1.15	26.6	580	94.1	68	38
	1800	200/400	365TS	FF75E2XS	\$6,154	DS-3FFP	1.15	27.6	600	94.1	199/99	
	1800	230/460	365TS	FF75E2BS	\$6,154	DS-3FFP	1.15	27.6	631	94.1	172/86	
	1800	575	365TS	FF75E2GS	\$6,154	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

† All marks shown within this document are properties of their respective owners.



Special Application Three Phase, Open Dripproof (ODP) UL^{®†} Listed for Fire Pump Applications



(continued)

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs)	Full Load Eff.	Full Load Amps	Notes
100	3600	200/400	365TS	FF100E1XS	\$7,255	DS-3FFP	1.15	27.6	600	93.0	260/130	
	3600	230/460	365TS	FF100E1BS	\$7,255	DS-3FFP	1.15	27.6	631	93.6	225/112	
	3600	575	365TS	FF100E1GS	\$7,255	DS-3FFP	1.15	27.6	631	94.1	89	38
	1800	200/400	404TS	FF100E2XS	\$7,333	DS-3FFP	1.15	29.6	750	94.5	261/130	
	1800	230/460	404TS	FF100E2BS	\$7,333	DS-3FFP	1.15	29.6	885	94.5	226/113	
	1800	575	404TS	FF100E2GS	\$7,333	DS-3FFP	1.15	29.6	750	95.0	90	38
125	3600	460	404TS	FF125E1CS	\$9,717	DS-3FFP	1.15	29.6	815	94.1	137	47
	3600	575	404TS	FF125E1GS	\$9,717	DS-3FFP	1.15	29.6	750	94.1	110	38
	1800	460	405TS	FF125E2CS	\$9,758	DS-3FFP	1.15	31.1	813	95.0	140	47
	1800	575	405TS	FF125E2GS	\$9,758	DS-3FFP	1.15	31.1	813	95.0	112	38
150	3600	460	405TS	FF150E1CS	\$11,990	DS-3FFP	1.15	31.1	763	93.6	165	47
	3600	575	405TS	FF150E1GS	\$11,990	DS-3FFP	1.15	31.1	813	93.6	132	38
	1800	460	444TS	FF150E2CS	\$12,757	DS-3FFP	1.15	36.06	1130	95	171	47
	1800	575	444TS	FF150E2GS	\$12,757	DS-3FFP	1.15	36.06	1130	95	136	38
200	3600	460	444TS	FF200E1CS	\$15,532	DS-3FFP	1.15	36.06	1050	94.5	225	47
	3600	575	444TS	FF200E1GS	\$15,532	DS-3FFP	1.15	36.06	1050	94.5	180	38
	1800	460	445TS	FF200E2CS	\$15,945	DS-3FFP	1.15	36.06	1190	95	230	47
	1800	460	445TS	FF200E2CS	\$15,945	DS-3FFP	1.15	36.06	1190	95	189	47
250	3600	460	445TS	FF250E1FS	\$20,473	DS-3FFP	1.15	36.06	1140	94.5	276	38
	1800	460	445TS	FF250E2FS	\$18,025	DS-3FFP	1.15	36.06	1330	95.4	281	47
	1800	575	445TS	FF250E2GS	\$18,025	DS-3FFP	1.15	36.06	1330	95.4	225	38
300	3600	460	445TS	FF300E1FS	\$28,306	DS-3FFP	1.15	36.06	1250	95	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

† All marks shown within this document are properties of their respective owners.



BRAKEMOTORS
 GENERAL PURPOSE SINGLE PHASE
 HVAC
 WASHDOWN
 AGRICULTURE
 COMMERCIAL PUMP MOTORS
 CLOSE COUPLED PUMP MOTORS
 FIRE PUMP MOTORS
 POOL & SPA MOTORS
 RESIDENTIAL WATER PUMP
 ELEVATOR GATE & DOOR
 VARIABLE SPEED MOTORS AND DRIVES