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	$2,313	DS-3FFP	1.15	22.6	160	90.2	54/26.9	
	3600	208-230/460	254T	FF20E1A	$2,313	DS-3FFP	1.15	22.6	162	90.2	54-47/23.6	
	1800	208-230/460	256T	FF20E2A	$2,120	DS-3FFP	1.15	23.2	360	91.0	54-50/24.9	
	1800	400	256T	FF20E2X	$2,120	DS-3FFP	1.15	23.2	160	91.0	29.1	17
25	3600	200/400	256T	FF25E1X	$2,802	DS-3FFP	1.15	23.2	160	91.0	66/33	
	3600	208-230/460	256T	FF25E1A	$2,802	DS-3FFP	1.15	23.2	172	91.0	66-58/29	
	1800	200/400	284TS	FF25E2XS	$2,571	DS-3FFP	1.15	23.5	300	91.7	70/35	
	1800	208-230/460	284TS	FF25E2AS	$2,571	DS-3FFP	1.15	23.5	300	92.4	66-60/30	
	1800	575	284TS	FF25E2GS	$2,571	DS-3FFP	1.15	23.5	312	91.7	24.4	38
30	3600	200/400	284TS	FF30E1XS	$3,276	DS-3FFP	1.15	23.5	300	92.4	78/39	
	3600	208-230/460	284TS	FF30E1AS	$3,276	DS-3FFP	1.15	23.5	312	91.0	80-70/35	
	1800	200/400	286TS	FF30E2XS	$3,006	DS-3FFP	1.15	23.5	350	93.6	79/40	
	1800	208-230/460	286TS	FF30E2AS	$3,006	DS-3FFP	1.15	23.5	337	92.4	78-71/35	
40	3600	200/400	286TS	FF40E1XS	$4,066	DS-3FFP	1.15	23.5	350	91.7	106/53	
	3600	208-230/460	286TS	FF40E1AS	$4,066	DS-3FFP	1.15	23.5	337	91.7	104-90/45	
	3600	575	286TS	FF40E1GS	$4,066	DS-3FFP	1.15	23.5	337	91.7	36	38
	1800	200/400	324TS	FF40E2XS	$3,730	DS-3FFP	1.15	25.8	385	93.6	105/53	02
	1800	208-230/460	324TS	FF40E2AS	$3,730	DS-3FFP	1.15	25.8	416	93.6	102-91/46	
	1800	575	324TS	FF40E2GS	$3,730	DS-3FFP	1.15	25.8	416	93.0	37	38
50	3600	200/400	324TS	FF50E1XS	$4,905	DS-3FFP	1.15	25.8	385	92.4	134/67	02
	3600	208-230/460	324TS	FF50E1AS	$4,905	DS-3FFP	1.15	25.8	416	92.4	129-116/58	
	3600	575	324TS	FF50E1GS	$4,905	DS-3FFP	1.15	25.8	416	92.4	46	38
	1800	200/400	326TS	FF50E2XS	$4,501	DS-3FFP	1.15	25.8	415	93.6	131/65	02
	1800	208-230/460	326TS	FF50E2AS	$4,501	DS-3FFP	1.15	25.8	446	93.6	128-114/57	
	1800	575	326TS	FF50E2GS	$4,501	DS-3FFP	1.15	25.8	446	93.0	46	38
60	3600	200/400	326TS	FF60E1XS	$6,054	DS-3FFP	1.15	25.8	415	93.0	156/78	02
	3600	208-230/460	326TS	FF60E1BS	$6,054	DS-3FFP	1.15	25.8	478	93.0	155-136/68	
	3600	575	326TS	FF60E1GS	$6,054	DS-3FFP	1.15	25.8	446	93.0	54	38
	1800	200/400	364TS	FF60E2XS	$5,554	DS-3FFP	1.15	26.6	580	94.1	159/80	
	1800	230/460	364TS	FF60E2BS	$5,554	DS-3FFP	1.15	26.6	611	93.6	150/75	
	1800	575	364TS	FF60E2GS	$5,554	DS-3FFP	1.15	26.6	580	94.1	55	38
75	3600	200/400	364TS	FF75E1XS	$7,430	DS-3FFP	1.15	26.6	580	93.0	200/100	
	3600	230/460	364TS	FF75E1ES	$7,430	DS-3FFP	1.15	26.6	611	94.1	171/85	
	3600	575	364TS	FF75E1GS	$7,430	DS-3FFP	1.15	26.6	580	94.1	68	38
	1800	200/400	365TS	FF75E2XS	$6,816	DS-3FFP	1.15	27.6	600	94.1	199/99	
	1800	230/460	365TS	FF75E2BS	$6,816	DS-3FFP	1.15	27.6	631	94.1	172/86	
	1800	575	365TS	FF75E2GS	$6,816	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.

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(continued)

R, D, FD, FR

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	$8,109	DS-3FFP	1.15	27.6	600	93.0	260/130	
	3600	230/460	365TS	FF100E1BS	$8,109	DS-3FFP	1.15	27.6	631	93.6	225/112	
	3600	575	365TS	FF100E1GS	$8,109	DS-3FFP	1.15	27.6	631	94.1	89	38
	1800	200/400	404TS	FF100E2XS	$7,440	DS-3FFP	1.15	29.6	750	94.5	261/130	
	1800	230/460	404TS	FF100E2BS	$7,440	DS-3FFP	1.15	29.6	885	94.5	226/113	
	1800	575	404TS	FF100E2GS	$7,440	DS-3FFP	1.15	29.6	750	95.0	90	38
125	3600	460	404TS	FF125E1CS	$9,324	DS-3FFP	1.15	29.6	815	94.1	137	47
	3600	575	404TS	FF125E1GS	$9,324	DS-3FFP	1.15	29.6	750	94.1	110	38
	1800	460	405TS	FF125E2CS	$8,554	DS-3FFP	1.15	31.1	800	95.0	140	47
	1800	575	405TS	FF125E2GS	$8,554	DS-3FFP	1.15	31.1	813	95.0	112	38
150	3600	460	405TS	FF150E1CS	$12,068	DS-3FFP	1.15	31.1	750	93.6	165	47
	3600	575	405TS	FF150E1GS	$12,068	DS-3FFP	1.15	31.1	813	93.6	132	38
	1800	460	444TS	FF150E2CS	$11,072	DS-3FFP	1.15	34.0	1118	95.4	171	
	1800	575	444TS	FF150E2GS	$11,072	DS-3FFP	1.15	34.0	1100	95.4	134	38
200	3600	460	444TS	FF200E1CS	$14,082	DS-3FFP	1.15	34.0	1100	94.5	226	47
	3600	575	444TS	FF200E1GS	$14,082	DS-3FFP	1.15	34.0	1100	94.5	181	38
	1800	460	445TS	FF200E2CS	$12,919	DS-3FFP	1.15	36.0	1220	95.0	235	47
250	3600	460	445TS	FF250E1FS	$16,688	DS-3FFP	1.15	36.0	1200	95.0	281	47
	1800	460	445TS	FF250E2FS	$15,310	DS-3FFP	1.15	36.0	1700	95.4	277	47
	1800	575	445TS	FF250E2GS	$15,310	DS-3FFP	1.15	36.0	1200	95.4	221	38

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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