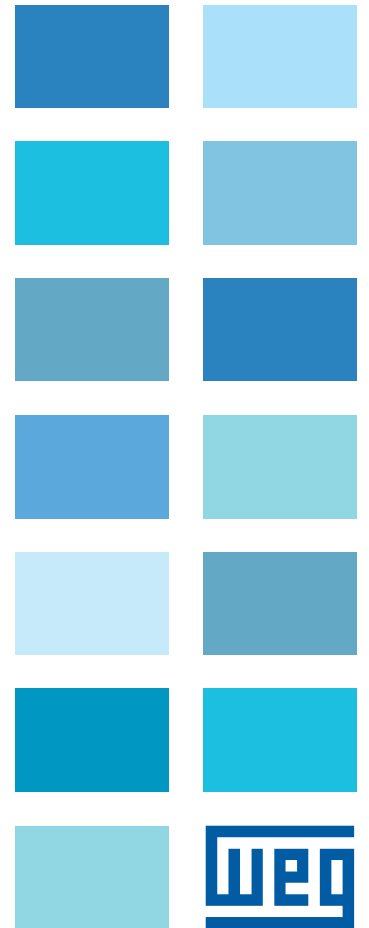
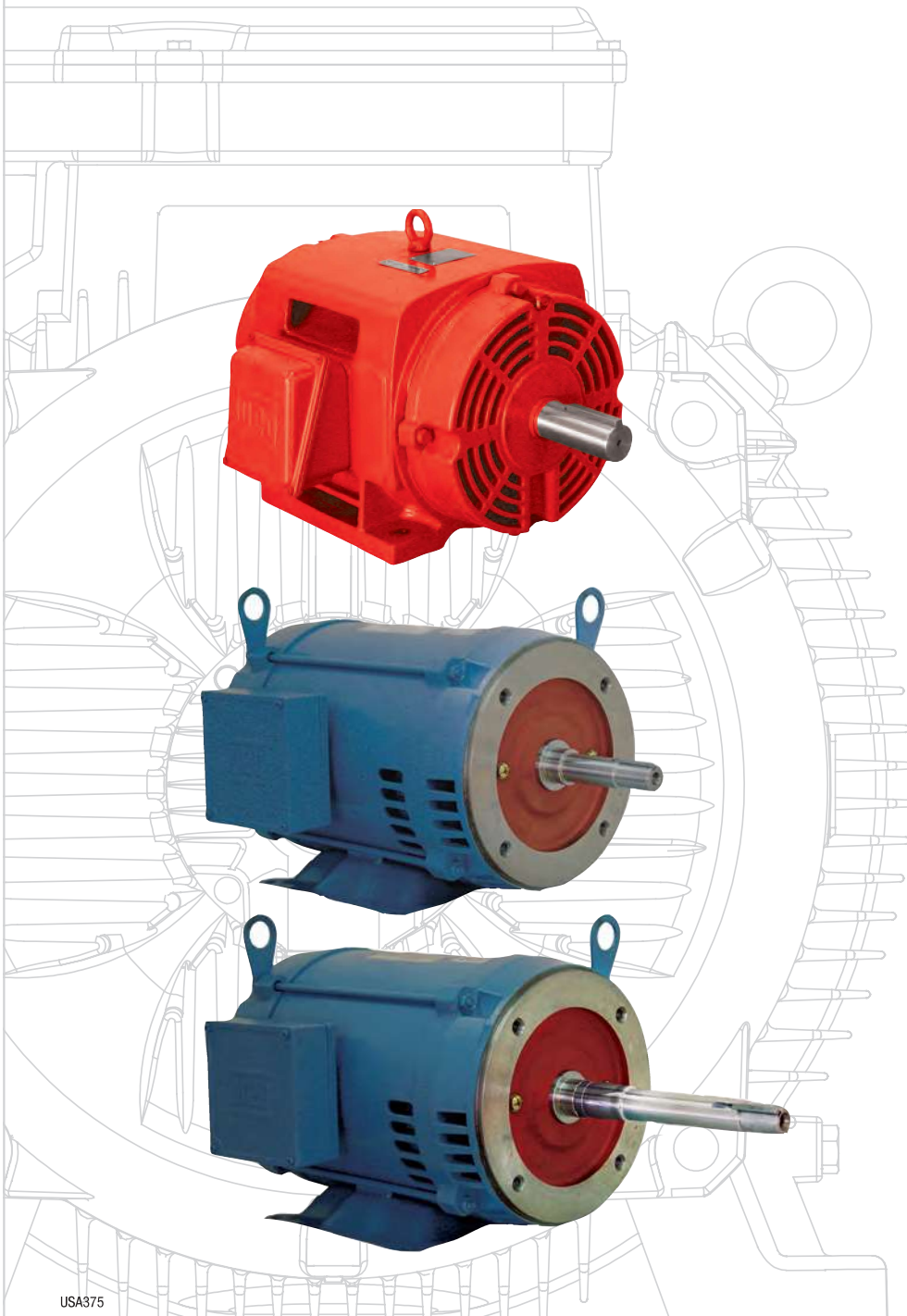


# Fire Pump

## Motor

- UL Listed
- 50Hz capable





## UL Listed

## Fire Pump Motors – ODP

## Three Phase – Foot Mount and Flange Mount

WEG High Efficiency motors are specifically designed to meet or exceed all EISA 2007 requirements for energy efficiency. They are certified by the Department of Energy with our Certificate of Compliance number CC029A.

These Fire Pump Duty (ODP) motors are designed for environments where dirt and moisture are minimal and provide maximum ventilation and heat dissipation. Design B torque and high efficiency design from 143T through 449T frames.



### STANDARD FEATURES

- Efficiency Certification number CC029A according to US Department of Energy Regulations for EISA2007 Efficiency levels
- 2, 4 and 6 pole, 60Hz
- Voltage: 230/460V, 200/400V, 460V or 575V
- Open Drip Proof (ODP)
- NEMA Dimensions
- NEMA design 'B' ratings
- Service Factor: 1.15
- Class 'F' insulation for all frames, Class B rise
- Continuous Duty (S1)
- 104°F (40°C) ambient temperature
- 1045 heat treated and stress relieved carbon steel shaft (4140 for roller bearing motors)
- Motors are supplied with ball bearings as standard.
- F1 mount (also available flanged motors)
- Paint: Enamel alkyd resin base
- Color: Red – RAL3002
- NPT threaded terminal box
- Stainless steel nameplate – laser etched
- 460V Nameplate includes 380V 50Hz 1.15SF @ unless otherwise noted.

### OPTIONAL FEATURES

- 50°C ambient
- Cable glands
- Special voltages
- Cast iron NEMA C-Flange or D-Flange (D-Flange only for frames 254T and up)
- Specially designed shaft
- Second shaft end
- Thermistors, thermostats or RTD's (PT100)
- Roller bearings on drive end
- IEC metric frames (on request) for frame 160T up to 280T

#### Frame – Specific Features

##### For Frame 143/5T only

- Welded steel plate frames (welded feet)
- Cast iron endshields fixed with through bolt construction
- 'ZZ' bearings (double shielded)
- Degree of protection : IP21

##### 182/4T and 213/5T Frames only

- Aluminum endshields and terminal box
- Cooling system with finned rotor

##### For Frame 254/6T and Up

- Cast iron frames
- Cast iron endshields and terminal box
- Cooling system with finned rotor
- Regreasable bearings positive pressure lubrication system
- Degree of protection : IP23

Note: All motors are tested according to IEEE 112 std. - Method 'B' or C390 CSA. All WEG motors are energy efficiency verified by UL in addition to the DOE.



## Fire Pump Motors – ODP (IP21, IP23)



### High Efficiency – Foot Mount - Three Phase

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	FL Amps High Volts	FL Eff. %	“C” Dimension (in.)	Voltage	Notes
20	3600	254T	020360P3EFP254T	1,469	W1B	205	24.6	90.2	20.669	230/460V	1
	1800	256T	020180P3EFP256T	1,526	W1B	277	25.2	91.0	22.401	230/460V	
25	3600	256T	025360P3EFP256T	1,783	W1B	251	29.3	91.0	22.401	230/460V	
	1800	284TS	025180P3VFP284TS	1,799	W1B	311	34.6	91.7	23.386	200/400V	
	1800	284TS	025180P3EFP284TS	1,799	W1B	311	30.1	91.7	22.000	230/460V	
30	3600	284TS	030360P3VFP284TS	2,033	W1B	373	39.1	92.4	22.000	200/400V	
	3600	284TS	030360P3EFP284TS	2,033	W1B	373	34.0	92.4	22.000	230/460V	
	1800	286TS	030180P3VFP286TS	2,108	W1B	397	40.9	92.4	24.882	200/400V	
	1800	286TS	030180P3EFP286TS	2,108	W1B	397	35.6	92.4	23.504	230/460V	
40	3600	286TS	040360P3VFP286TS	2,757	W1B	457	51.5	92.4	23.504	200/400V	
	3600	286TS	040360P3EFP286TS	2,757	W1B	457	44.8	92.4	23.504	230/460V	
	1800	324TS	040180P3VFP324TS	2,652	W1B	495	55.4	93.0	26.181	200/400V	
	1800	324TS	040180P3EFP324TS	2,652	W1B	495	48.2	93.0	24.685	230/460V	
50	3600	324TS	050360P3VFP324TS	3,184	W1B	523	64.9	93.6	24.685	200/400V	
	3600	324TS	050360P3EFP324TS	3,184	W1B	523	56.4	93.6	24.685	230/460V	
	1800	326TS	050180P3VFP326TS	3,015	W1B	583	69.2	93.0	27.667	200/400V	
	1800	326TS	050180P3EFP326TS	3,015	W1B	583	60.2	93.0	26.181	230/460V	1
60	3600	326TS	060360P3VFP326TS	4,008	W1B	609	81.2	93.0	26.181	200/400V	
	3600	326TS	060360P3HFP326TS	4,008	W1B	609	56.5	93.0	26.181	575V	
	3600	326TS	060360P3EFP326TS	4,008	W1B	609	70.6	93.0	26.181	230/460V	1
	1800	364TS	060180P3VFP364TS	3,703	W1B	743	80.7	93.6	27.638	200/400V	
	1800	364TS	060180P3HFP364TS	3,703	W1B	743	56.2	93.6	27.638	575V	
	1800	364TS	060180P3EFP364TS	3,703	W1B	743	70.2	93.6	27.638	230/460V	
75	3600	364TS	075360P3VFP364TS	5,074	W1B	805	92.7	94.1	27.638	200/400V	
	3600	364TS	075360P3HFP364TS	5,074	W1B	805	64.5	94.1	27.638	575V	
	3600	364TS	075360P3EFP364TS	5,074	W1B	805	80.6	94.1	27.638	230/460V	
	1800	365TS	075180P3VFP365TS	4,715	W1B	935	98.1	94.1	27.638	200/400V	
	1800	365TS	075180P3HFP365TS	4,715	W1B	935	68.2	94.1	27.638	575V	
	1800	365TS	075180P3EFP365TS	4,715	W1B	935	85.3	94.1	27.638	230/460V	
100	3600	365TS	100360P3VFP365TS	6,152	W1B	935	126.5	94.1	27.638	200/400V	
	3600	365TS	100360P3HFP365TS	6,152	W1B	935	88.0	94.1	27.638	575V	
	3600	365TS	100360P3EFP365TS	6,152	W1B	935	110	94.1	27.638	230/460V	1
	1800	404TS	100180P3VFP404TS	6,065	W1B	1037	132.3	94.1	31.141	200/400V	
	1800	404TS	100180P3HFP404TS	6,065	W1B	1037	92.0	94.1	31.141	575V	
	1800	404TS	100180P3EFP404TS	6,065	W1B	1037	115	94.1	31.141	230/460V	1
125	3600	404TS	125360P3HFP404TS	7,762	W1B	1086	105.6	94.1	31.141	575V	
	3600	404TS	125360P3GFP404TS	7,762	W1B	1086	132	94.1	31.141	460V	1
	1800	405TS	125180P3HFP405TS	6,651	W1B	1207	109.6	94.5	31.141	575V	
	1800	405TS	125180P3GFP405TS	6,651	W1B	1207	137	94.5	31.141	460V	1

1 - Rating is 10SF @ 50Hz. Suitable for next lower HP @ 1.15SF



## Fire Pump Motors – ODP (IP21, IP23)

### ODP (IP21/IP23) – High Efficiency – Foot Mount - Three Phase

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	FL Amps High Volts	FL Eff. %	“C” Dimension (in.)	Voltage	Notes
150	3600	405TS	150360P3GFP405TS	10,042	W1B	1401	159	94.5	31.141	460V	1
	3600	405TS	150360P3HFP405TS	10,042	W1B	1401	127.2	94.5	31.141	575V	
	1800	444TS	150180P3HFP444TS	8,891	W1B	1411	132.0	95.0	36.062	575V	
	1800	444TS	150180P3GFP444TS	8,891	W1B	1411	165	95.0	36.062	460V	
200	3600	444TS	200360P3GFP444TS	12,782	W1B	1713	217	94.5	36.062	460V	
	1800	445TS	200180P3GFP445TS	10,837	W1B	1916	220	95.0	36.062	460V	1
	1800	445TS	200180P3HFP445TS	10,837	W1B	1916	176.0	95.0	36.062	575V	
250	3600	445TS	250360P3G445TS	15,654	W1B	1982	266	95.0	36.062	460V	
	1800	445TS	250180P3G445TS	13,358	W1B	2183	270	95.4	36.062	460V	
300	3600	445TS	300360P3G445TS	19,556	W1B	2183	316	95.0	36.062	460V	

“FP” models are EISA 2007 only for Fire Pump Service. Motor comply with NEMA MG1-2009 table 12-11 efficiencies

## Fire Pump Motors – ODP (IP21, IP23)

### C-Face – Foot Mount - Three Phase

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	FL Amps 460V	FL Eff. %	“C” Dimension (in.)	Voltage	Notes
10	3600	213TC	010360P3EFP213TC	901	W1B	108	11.8	88.5	17.165	230/460V	1
	3600	213TC	010360P3HFP213TC	901	W1B	108	9.4	88.5	17.165	575V	
15	3600	215TC	015360P3EFP215TC	1,232	W1B	139	17.1	89.5	17.165	230/460V	1
20	3600	254TC	020360P3EFP254TC	1,469	W1B	205	24.6	90.2	20.669	230/460V	1
25	3600	256TC	025360P3EFP256TC	1,783	W1B	251	29.3	91.0	22.401	230/460V	
30	3600	284TSC	030360P3VFP284TSC	2,033	W1B	373	39.1	92.4	22.000	200/400V	
	3600	284TSC	030360P3EFP284TSC	2,033	W1B	373	34.0	92.4	22.000	230/460V	
40	3600	286TSC	040360P3VFP286TSC	2,757	W1B	457	51.5	92.4	23.504	200/400V	
	3600	286TSC	040360P3FPE286TSC	2,757	W1B	457	44.8	92.4	23.504	230/460V	
50	3600	324TSC	050360P3VFP324TSC	3,184	W1B	523	64.9	93.6	24.685	200/400V	
	3600	324TSC	050360P3EFP324TSC	3,184	W1B	523	56.4	93.6	24.685	230/460V	