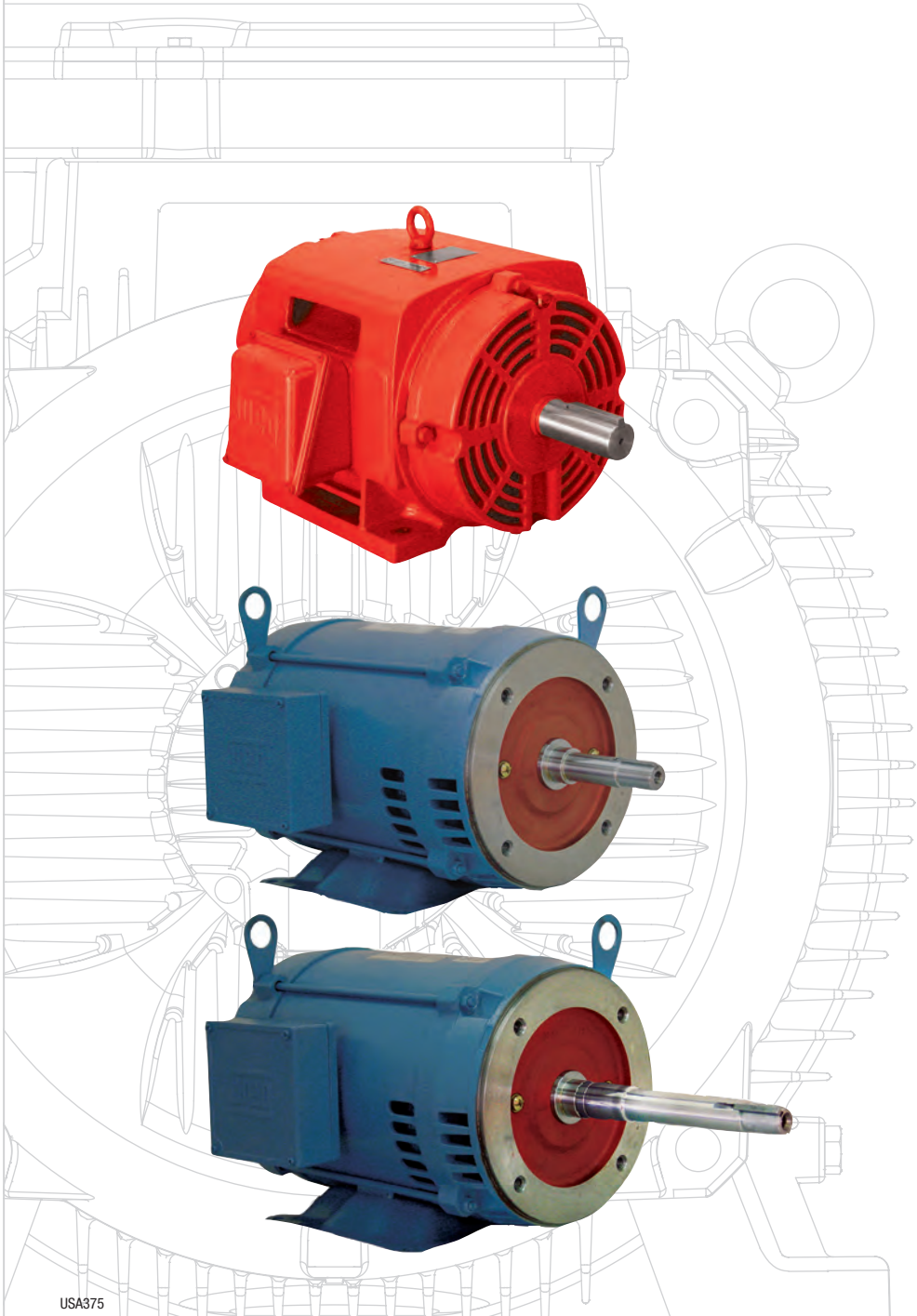
Fire Pump

Motor

- UL Listed
- 50Hz capable



USA375

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)
- 104ºF (40ºC) 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

- 50ºC ambient
- Cable glands
- Special voltags
- Cast iron NEMA C-Flange or D-Flange (D-Flange ony 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.

APPROVED BY E 104590

APPROVED BY LR 38324

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	02036OP3EFP254T	1,469	W1B	205	24.6	90.2	20.669	230/460V	1
	1800	256T	02018OP3EFP256T	1,526	W1B	277	25.2	91.0	22.401	230/460V	
25	3600	256T	02536OP3EFP256T	1,783	W1B	251	29.3	91.0	22.401	230/460V	
	1800	284TS	02518OP3VFP284TS	1,799	W1B	311	34.6	91.7	23.386	200/400V	
	1800	284TS	02518OP3EFP284TS	1,799	W1B	311	30.1	91.7	22.000	230/460V	
30	3600	284TS	03036OP3VFP284TS	2,033	W1B	373	39.1	92.4	22.000	200/400V	
	3600	284TS	03036OP3EFP284TS	2,033	W1B	373	34.0	92.4	22.000	230/460V	
	1800	286TS	03018OP3VFP286TS	2,108	W1B	397	40.9	92.4	24.882	200/400V	
	1800	286TS	03018OP3EFP286TS	2,108	W1B	397	35.6	92.4	23.504	230/460V	
40	3600	286TS	04036OP3VFP286TS	2,757	W1B	457	51.5	92.4	23.504	200/400V	
	3600	286TS	04036OP3EFP286TS	2,757	W1B	457	44.8	92.4	23.504	230/460V	
	1800	324TS	04018OP3VFP324TS	2,652	W1B	495	55.4	93.0	26.181	200/400V	
	1800	324TS	04018OP3EFP324TS	2,652	W1B	495	48.2	93.0	24.685	230/460V	
50	3600	324TS	05036OP3VFP324TS	3,184	W1B	523	64.9	93.6	24.685	200/400V	
	3600	324TS	05036OP3EFP324TS	3,184	W1B	523	56.4	93.6	24.685	230/460V	
	1800	326TS	05018OP3VFP326TS	3,015	W1B	583	69.2	93.0	27.667	200/400V	
	1800	326TS	05018OP3EFP326TS	3,015	W1B	583	60.2	93.0	26.181	230/460V	1
60	3600	326TS	06036OP3VFP326TS	4,008	W1B	609	81.2	93.0	26.181	200/400V	
	3600	326TS	06036OP3HFP326TS	4,008	W1B	609	56.5	93.0	26.181	575V	
	3600	326TS	06036OP3EFP326TS	4,008	W1B	609	70.6	93.0	26.181	230/460V	1
	1800	364TS	06018OP3VFP364TS	3,703	W1B	743	80.7	93.6	27.638	200/400V	
	1800	364TS	06018OP3HFP364TS	3,703	W1B	743	56.2	93.6	27.638	575V	
	1800	364TS	06018OP3EFP364TS	3,703	W1B	743	70.2	93.6	27.638	230/460V	
75	3600	364TS	07536OP3VFP364TS	5,074	W1B	805	92.7	94.1	27.638	200/400V	
	3600	364TS	07536OP3HFP364TS	5,074	W1B	805	64.5	94.1	27.638	575V	
	3600	364TS	07536OP3EFP364TS	5,074	W1B	805	80.6	94.1	27.638	230/460V	
	1800	365TS	07518OP3VFP365TS	4,715	W1B	935	98.1	94.1	27.638	200/400V	
	1800	365TS	07518OP3HFP365TS	4,715	W1B	935	68.2	94.1	27.638	575V	
	1800	365TS	07518OP3EFP365TS	4,715	W1B	935	85.3	94.1	27.638	230/460V	
100	3600	365TS	10036OP3VFP365TS	6,152	W1B	935	126.5	94.1	27.638	200/400V	
	3600	365TS	10036OP3HFP365TS	6,152	W1B	935	88.0	94.1	27.638	575V	
	3600	365TS	10036OP3EFP365TS	6,152	W1B	935	110	94.1	27.638	230/460V	1
	1800	404TS	10018OP3VFP404TS	6,065	W1B	1037	132.3	94.1	31.141	200/400V	
	1800	404TS	10018OP3HFP404TS	6,065	W1B	1037	92.0	94.1	31.141	575V	
	1800	404TS	10018OP3EFP404TS	6,065	W1B	1037	115	94.1	31.141	230/460V	1
125	3600	404TS	12536OP3HFP404TS	7,762	W1B	1086	105.6	94.1	31.141	575V	
	3600	404TS	12536OP3GFP404TS	7,762	W1B	1086	132	94.1	31.141	460V	1
	1800	405TS	12518OP3HFP405TS	6,651	W1B	1207	109.6	94.5	31.141	575V	
	1800	405TS	12518OP3GFP405TS	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 MGI-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	

Fire Pump Motors – ODP
Three Phase - Close Coupled Pump Motor



WEG offers both JM and JP standardized types of ODP close-coupled pump line of motors. Remember that ODP are suitable where dirt and moisture are at a minimum.

APPLICATIONS

Specially developed line for industrial and commercial pumping applications.

- Water pumping
- Process
- Transfer and circulating pumps

STANDARD FEATURES

- 2, 4, 6 and 8 pole, 60Hz
- Voltage: 200/400V, 230/460V, 460V or 575V
- Cast iron frames
- Squirrel cage rotor / Aluminum die cast
- Open Drip Proof (ODP)
- NEMA Dimensions
- Ball bearings
- Service Factor: 1.25
- Class 'F' insulation
- Temperature rise: Class 'B' (80ºC) at Full Load
- Continuous Duty (S1)
- 104ºF (40ºC) ambient temperature
- Altitude: 3300 ft (1000m)
- 1045 carbon steel shaft
- F1 mount (with cast iron 'C' Flange)
- Paint: Enamel alkyd resin base

OPTIONAL FEATURES

- Cable glands
- Special voltages
- Specially designed shaft
- Second shaft end
- Thermistor, Thermostats or RTD's (PT100)
- IEC metric frames (on request)

Frame – Specific Features

FOR FRAME 143/5JM/JP, only

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

FOR FRAME 182JM/JP up to 215JM/JP, only

- Welded steel plate frames (welded feet)
- Aluminum endshields and terminal box
- Cooling system with finned rotor
- ZZ bearings (double shielded)
- Degree of protection: IP21

FOR FRAME 254JM/JP UP TO 445JM/JP

- Cast iron frames
- Cast iron endshields and terminal box
- Cooling system with finned rotor
- Ball bearings
- Regreasable bearings system (frame 254T and up)
- Degree of protection: IP23

APPROVED BY

E 104590

All motors are tested according to IEEE 112 std. – method B or C390 CSA

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



Close Coupled Pump – "JM" Type – 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
1	1800	143JM	00118OP3E143JM	437	P1C	36	1.41	82.5	14.055	230/460V	
1.5	3600	143JM	00156OP3E143JM	453	P1C	32	1.95	82.5	14.055	230/460V	
	1800	145JM	00158OP3E145JM	478	P1C	40	1.98	84.0	14.055	230/460V	
2	3600	145JM	00236OP3E145JM	498	P1C	43	2.52	84.0	14.055	230/460V	
	1800	145JM	00218OP3E145JM	524	P1C	43	2.87	84.0	14.055	230/460V	
3	3600	145JM	00336OP3E145JM	565	P1C	49	3.65	84.0	14.055	230/460V	
	1800	182JM	00318OP3E182JM	557	P1C	56	3.94	86.5	14.527	230/460V	
5	3600	182JM	00536OP3E182JM	669	P1C	57	6.17	86.5	14.527	230/460V	
	1800	184JM	00518OP3E184JM	740	P1C	69	6.39	87.5	15.315	230/460V	
7.5	3600	184JM	00736OP3E184JM	862	P1C	69	8.97	87.5	15.315	230/460V	
	1800	213JM	00718OP3E213JM	945	P1C	85	9.40	88.5	17.323	230/460V	
10	3600	213JM	01036OP3E213JM	1,109	P1C	108	11.8	88.5	17.323	230/460V	
	1800	215JM	01018OP3E215JM	1,161	P1C	109	12.7	89.5	17.323	230/460V	
15	3600	215JM	01536OP3E215JM	1,447	P1C	139	17.1	89.5	17.323	230/460V	
	1800	254JM	01518OP3E254JM	1,749	P1C	247	18.7	91.0	22.169	230/460V	
20	3600	254JM	02036OP3E254JM	1,816	P1C	205	24.6	90.2	22.169	230/460V	
	1800	256JM	02018OP3E256JM	2,107	P1C	277	25.2	91.0	23.902	230/460V	
25	3600	256JM	02536OP3E256JM	2,242	P1C	251	29.3	91.0	23.902	230/460V	
	1800	284JM	02518OP3E284JM	2,551	P1C	311	30.1	91.7	24.261	230/460V	
30	3600	284JM	03036OP3E284JM	2,731	P1C	373	34.0	92.4	24.261	230/460V	
	1800	286JM	03018OP3E286JM	2,946	P1C	397	35.6	92.4	25.754	230/460V	
40	3600	286JM	04036OP3E286JM	3,260	P1C	457	44.8	92.4	25.754	230/460V	
	1800	324JM	04018OP3E324JM	3,354	P1C	495	48.2	93.0	26.431	230/460V	
50	3600	324JM	05036OP3E324JM	3,971	P1C	523	56.4	93.6	26.431	230/460V	
	1800	326JM	05018OP3E326JM	4,104	P1C	583	60.2	93.0	27.927	230/460V	
60	3600	326JM	06036OP3E326JM	4,859	P1C	609	70.6	93.0	27.927	230/460V	
	3600	326JM	06036OP3G326JM	4,859	P1C	609	70.6	93.0	27.927	460V	
	1800	364JM	06018OP3E364JM	5,254	P1C	743	70.2	93.6	29.139	230/460V	
	1800	364JM	06018OP3G364JM	5,254	P1C	743	70.2	93.6	29.139	460V	
75	3600	364JM	07536OP3E364JM	6,226	P1C	805	80.6	94.1	29.139	230/460V	
	3600	364JM	07536OP3G364JM	6,226	P1C	805	80.6	94.1	29.139	460V	
	1800	365JM	07518OP3E365JM	5,989	P1C	935	85.3	94.1	29.139	230/460V	
	1800	365JM	07518OP3G365JM	5,989	P1C	935	85.3	94.1	29.139	460V	
100	3600	365JM	10036OP3E365JM	7,005	P1C	935	110	94.1	29.139	230/460V	
	3600	365JM	10036OP3G365JM	7,005	P1C	935	110	94.1	29.139	460V	

Fire Pump Motors – ODP (IP21, IP23)



Close Coupled Pump – "JP" Type – 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
1	1800	143JP	00118OP3E143JP	437	P1C	36	1.41	82.5	17.126	230/460V	
1.5	3600	143JP	00156OP3E143JP	453	P1C	32	1.95	82.5	17.126	230/460V	
	1800	145JP	00158OP3E145JP	478	P1C	40	1.98	84.0	17.126	230/460V	
2	3600	145JP	00236OP3E145JP	498	P1C	43	2.52	84.0	17.126	230/460V	
	1800	145JP	00218OP3E145JP	524	P1C	43	2.87	84.0	17.126	230/460V	
3	3600	145JP	00336OP3E145JP	565	P1C	49	3.65	84.0	17.126	230/460V	
	1800	182JP	00318OP3E182JP	557	P1C	56	3.94	86.5	20.236	230/460V	
5	3600	182JP	00536OP3E182JP	669	P1C	57	6.17	86.5	20.236	230/460V	
	1800	184JP	00518OP3E184JP	739	P1C	69	6.39	87.5	21.023	230/460V	
7.5	3600	184JP	00736OP3E184JP	862	P1C	69	8.97	87.5	21.023	230/460V	
	1800	213JP	00718OP3E213JP	946	P1C	85	9.40	88.5	21.240	230/460V	
10	3600	213JP	01036OP3E213JP	1,109	P1C	108	11.8	88.5	21.240	230/460V	
	1800	215JP	01018OP3E215JP	1,163	P1C	109	12.7	89.5	21.240	230/460V	
15	3600	215JP	01536OP3E215JP	1,447	P1C	139	17.1	89.5	21.240	230/460V	
	1800	254JP	01518OP3E254JP	1,749	P1C	247	18.7	91.0	25.049	230/460V	
20	3600	254JP	02036OP3E254JP	1,815	P1C	205	24.6	90.2	25.049	230/460V	
	1800	256JP	02018OP3E256JP	2,107	P1C	277	25.2	91.0	26.782	230/460V	
25	3600	256JP	02536OP3E256JP	2,243	P1C	251	29.3	91.0	26.782	230/460V	
	1800	284JP	02518OP3E284JP	2,550	P1C	311	30.1	91.7	27.141	230/460V	
30	3600	284JP	03036OP3E284JP	2,731	P1C	373	34.0	92.4	27.141	230/460V	
	1800	286JP	03018OP3E286JP	2,945	P1C	397	35.6	92.4	28.634	230/460V	
40	3600	286JP	04036OP3E286JP	3,260	P1C	457	44.8	92.4	28.634	230/460V	
	1800	324JP	04018OP3E324JP	3,354	P1C	495	48.2	93.0	29.311	230/460V	
50	3600	324JP	05036OP3E324JP	3,971	P1C	523	56.4	93.6	29.311	230/460V	
	3600	324JP	05036OP3G324JP	3,971	P1C	523	56.4	93.6	29.311	460V	
	1800	326JP	05018OP3E326JP	4,105	P1C	583	60.2	93.0	30.807	230/460V	
60	3600	326JP	06036OP3E326JP	4,859	P1C	609	70.6	93.0	30.807	230/460V	
	3600	326JP	06036OP3G326JP	4,859	P1C	609	70.6	93.0	30.807	460V	
	1800	364JP	06018OP3E364JP	5,254	P1C	743	70.2	93.6	32.019	230/460V	
	1800	364JP	06018OP3G364JP	5,254	P1C	743	70.2	93.6	32.019	460V	
75	3600	364JP	07536OP3E364JP	6,226	P1C	805	80.6	94.1	32.019	230/460V	
	3600	364JP	07536OP3G364JP	6,226	P1C	805	80.6	94.1	32.019	460V	
	1800	365JP	07518OP3E365JP	5,989	P1C	935	85.3	94.1	32.019	230/460V	
	1800	365JP	07518OP3G365JP	5,989	P1C	935	85.3	94.1	32.019	460V	
100	3600	365JP	10036OP3E365JP	7,005	P1C	935	110.0	94.1	32.019	230/460V	
	3600	365JP	10036OP3G365JP	7,005	P1C	935	110	94.1	32.019	460V	
	1800	404JP	10018OP3E404JP	7,469	P1C	1037	115	94.1	35.263	230/460V	
	1800	404JP	10018OP3G404JP	7,469	P1C	1037	115	94.1	35.263	460V	
125	3600	404JP	12536OP3G404JP	9,185	P1C	1086	132	94.1	35.263	460V	
	1800	405JP	12518OP3G405JP	8,971	P1C	1207	137	94.5	35.263	460V	
150	3600	405JP	15036OP3G405JP	12,106	P1C	1401	159	94.5	35.263	460V	

Fire Pump Motors – ODP (IP21, IP23)



Close Coupled Pump – "JM" Type – High Efficiency – Vertical Motors - 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
1	1800	143JMV	00118OP3E143JMV	513	P1C	36	1.41	82.5	14.756	230/460V	
1.5	3600	143JMV	00156OP3E143JMV	542	P1C	32	1.95	82.5	14.756	230/460V	
	1800	145JMV	00158OP3E145JMV	554	P1C	40	1.98	84.0	14.756	230/460V	
2	3600	145JMV	00236OP3E145JMV	573	P1C	43	2.52	84.0	14.756	230/460V	
	1800	145JMV	00218OP3E145JMV	603	P1C	43	2.87	84.0	14.756	230/460V	
3	3600	145JMV	00336OP3E145JMV	657	P1C	49	3.65	84.0	14.756	230/460V	
	1800	182JMV	00318OP3E182JMV	687	P1C	56	3.94	86.5	15.314	230/460V	
5	3600	182JMV	00536OP3E182JMV	797	P1C	57	6.17	86.5	15.314	230/460V	
	1800	184JMV	00518OP3E184JMV	875	P1C	69	6.39	87.5	15.314	230/460V	
7.5	3600	184JMV	00736OP3E184JMV	993	P1C	69	8.97	87.5	15.314	230/460V	
	1800	213JMV	00718OP3E213JMV	1,106	P1C	85	9.40	88.5	18.700	230/460V	
10	3600	213JMV	01036OP3E213JMV	1,201	P1C	108	11.8	88.5	18.700	230/460V	
	1800	215JMV	01018OP3E215JMV	1,323	P1C	109	12.7	89.5	18.700	230/460V	
15	3600	215JMV	01536OP3E215JMV	1,617	P1C	139	17.1	89.5	18.700	230/460V	
20	3600	254JMV	02036OP3E254JMV	2,092	P1C	205	24.6	90.2	22.169	230/460V	
25	3600	256JMV	02536OP3E256JMV	2,518	P1C	251	29.3	91.0	23.902	230/460V	
30	3600	284JMV	03036OP3E284JMV	3,082	P1C	373	34.0	92.4	24.261	230/460V	
40	3600	286JMV	04036OP3E286JMV	3,611	P1C	457	44.8	92.4	25.754	230/460V	
50	3600	324JMV	05036OP3E324JMV	4,394	P1C	523	56.4	93.6	26.431	230/460V	

Note: Prices with Drip Cover Included

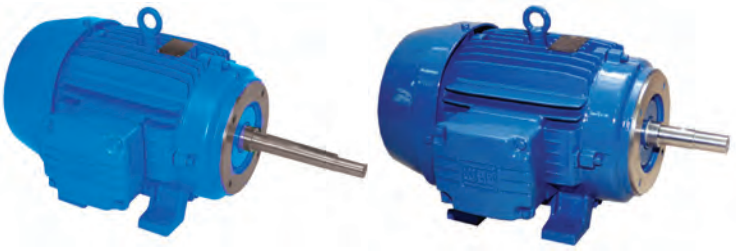
Close Coupled Pump – "JP" Type – ODP (IP21/IP23) – Vertical Motors

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	FL Amps 460V	FL Eff. %	"C" Dimension (in.)	Voltage	Notes
1.5	3600	143JPV	00156OP3E143JPV	513	P1C	32	1.95	82.5	17.827	230/460V	
2	3600	145JPV	00236OP3E145JPV	559	P1C	43	2.52	84.0	17.827	230/460V	
3	3600	145JPV	00336OP3E145JPV	629	P1C	49	3.65	84.0	17.827	230/460V	
5	3600	182JPV	00536OP3E182JPV	729	P1C	57	6.17	86.5	22.400	230/460V	
7.5	3600	184JPV	00736OP3E184JPV	993	P1C	69	9.0	87.5	22.400	230/460V	
10	3600	213JPV	01036OP3E213JPV	1,273	P1C	108	11.8	88.5	22.617	230/460V	
15	3600	215JPV	01536OP3E215JPV	1,617	P1C	139	17.1	89.5	22.617	230/460V	
20	3600	254JPV	02036OP3E254JPV	2,092	P1C	205	24.6	90.2	26.387	230/460V	
25	3600	256JPV	02536OP3E256JPV	2,518	P1C	251	29.3	91.0	26.782	230/460V	
30	3600	284JPV	03036OP3E284JPV	3,082	P1C	373	34	92.4	28.755	230/460V	
40	3600	286JPV	04036OP3E286JPV	3,611	P1C	457	44.8	92.4	30.248	230/460V	

Note: Prices with Drip Cover Included

TEFC – THREE PHASE

WEG offers both JM and JP standardized types of close-coupled pump line of motors. Totally enclosed enclosures permit these motors to operate in moist or dusty atmospheres.



JP JM

APPLICATIONS

Specially developed line for industrial and commercial pumping applications.

- Water pumping
- Process
- Transfer and circulating pumps

OPTIONAL FEATURES

- Cable glands
- Special voltages
- 575V
- Specially designed shaft
- Stainless steel shaft
- Space heaters
- Second shaft end
- Thermistor, Thermostats or RTD's (PT100)
- Additional terminal box

STANDARD FEATURES

- 2, 4, 6 and 8 pole, 60Hz
- Voltage: 208-230/460, 460V
- 12:1 Constant torque on VFD
  100:1 Variable torque on VFD
- Cast iron frames
- Squirrel cage rotor / Aluminum die cast
- Totally Enclosed Fan Cooled - TEFC
- V-ring slingers on both endshields
- Ball bearings
- Service Factor: 1.25
- Class 'F' insulation
- Temperature rise: Class 'B' (80ºC) at Full load
- Continuous Duty (S1)
- 104ºF (40ºC) ambient temperature
- Altitude: 3300 ft (1000m)
- 1045 carbon steel shaft
- F1 mount
- Stainless steel nameplate
- Paint: Enamel alkyd resin base
- Color: RAL 5009 – Blue
- NPT threaded terminal box
- Automatic drain plugs
- Regreasable bearings system (frames 254JM/JP frames and up)

* Design B torque rating on nameplate can be re-plated for Design C for 15-200Hp 1800 and 1200 rpm.

APPROVED BY E 104590

APPROVED BY LR 50,982-9/13/14



Fire Pump Motors – TEFC (IP55) - W22

Close Coupled Pump – "JM" Type – 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
1	1800	143JM	00118EP3E143JM-W22	497	P1	47	1.49	82.5	14.304	230/460V	
1.5	3600	143JM	00156EP3E143JM-W22	527	P1	45	1.99	82.5	14.304	230/460V	
	1800	145JM	00158EP3E145JM-W22	509	P1	54	2.05	84.0	15.304	230/460V	
2	3600	145JM	00236EP3E145JM-W22	583	P1	47	2.60	84.0	15.304	230/460V	
	1800	145JM	00218EP3E145JM-W22	560	P1	56	2.70	84.0	15.304	230/460V	
3	3600	145JM	00336EP3E145JM-W22	647	P1	54	3.71	85.5	15.304	230/460V	♣
	3600	182JM	00336EP3E182JM-W22	744	P1	106	3.59	85.5	15.996	230/460V	
	1800	182JM	00318EP3E182JM-W22	886	P1	97	3.90	87.5	15.996	230/460V	
5	3600	184JM	00536EP3E184JM-W22	922	P1	114	5.90	87.5	17.020	230/460V	
	1800	184JM	00518EP3E184JM-W22	993	P1	102	6.48	87.5	17.020	230/460V	
7.5	3600	184JM	00736EP3E184JM-W22	1,125	P1	128	8.76	88.5	17.020	230/460V	♣
	3600	213JM	00736EP3E213JM-W22	1,277	P1	150	8.66	88.5	18.678	230/460V	
	1800	213JM	00718EP3E213JM-W22	1,256	P1	150	9.53	89.5	18.678	230/460V	
10	3600	215JM	01036EP3E215JM-W22	1,581	P1	150	11.7	89.5	20.174	230/460V	
	1800	215JM	01018EP3E215JM-W22	1,502	P1	165	12.8	90.2	20.174	230/460V	
15	3600	215JM	01536EP3E215JM-W22	1,803	P1	174	17.3	90.2	20.174	230/460V	♣
	3600	254JM	01536EP3E254JM-W22	2,029	P1	280	17.0	90.2	24.370	230/460V	
	1800	254JM	01518EP3E254JM-W22	2,256	P1	266	17.9	91.0	24.370	230/460V	
20	3600	254JM	02036EP3E254JM-W22	2,368	P1	304	23.3	90.2	24.370	230/460V	♣
	3600	256JM	02036EP3E256JM-W22	2,568	P1	313	23.3	90.2	26.102	230/460V	
	1800	256JM	02018EP3E256JM-W22	2,490	P1	313	24.4	91.0	26.102	230/460V	
25	3600	256JM	02536EP3E256JM-W22	2,803	P1	313	28.4	91.0	26.102	230/460V	♣
	3600	284JM	02536EP3E284JM-W22	2,989	P1	353	29.0	91.0	27.165	230/460V	
	1800	284JM	02518EP3E284JM-W22	3,186	P1	437	29.6	92.4	27.165	230/460V	◆
30	3600	284JM	03036EP3E284JM-W22	3,545	P1	399	33.8	91.0	27.165	230/460V	♣
	3600	286JM	03036EP3E286JM-W22	3,797	P1	404	33.8	91.0	28.700	230/460V	
	1800	286JM	03018EP3E286JM-W22	3,559	P1	481	34.4	92.4	28.700	230/460V	◆
40	3600*	286JM	04036EP3E286JM-W22	4,353	P1	448	46.6	91.7	28.700	230/460V	♣
	3600	324JM	04036EP3E324JM-W22	4,746	P1	561	46.1	91.7	28.149	230/460V	
	1800	324JM	04018EP3E324JM-W22	4,803	P1	587	47.6	93.0	28.149	230/460V	◆
50	3600	324JM	05036EP3E324JM-W22	5,070	P1	565	56.5	92.4	28.149	230/460V	♣
	3600	326JM	05036EP3E326JM-W22	5,502	P1	594	56.5	92.4	29.645	230/460V	
	1800	326JM	05018EP3E326JM-W22	5,500	P1	640	57.8	93.6	29.645	230/460V	◆
60	3600	326JM	06036EP3E326JM-W22	6,598	P1	594	69.0	93.0	29.645	230/460V	♣
	3600	364JM	06036EP3E364JM-W22	7,137	P1	917	69.0	93.0	33.031	230/460V	
	1800	326JM	06018EP3E326JM-W22	7,349	P1	687	72.7	93.6	29.645	230/460V	◆♣
	1800	364JM	06018EP3E364JM-W22	7,805	P1	963	67.0	93.6	33.031	230/460V	◆
75	3600	364JM	07536EP3E364JM-W22	8,995	P1	1025	82.5	93.0	33.031	230/460V	♣
	3600	365JM	07536EP3E365JM-W22	9,848	P1	1025	82.5	93.0	33.031	230/460V	
	1800	365JM	07518EP3E365JM-W22	8,860	P1	1010	82.4	94.1	33.031	230/460V	◆

Note: ◆ Product may not be available from stock
♣ Reduced Frame

Fire Pump Motors – TEFC (IP55) - W22



Close Coupled Pump – "JP" Type - High Efficiency - 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
1	1800	143JP	00118EP3E143JP-W22	508	P1	47	1.49	82.5	17.365	230/460V	
1.5	3600	143JP	00156EP3E143JP-W22	537	P1	45	1.99	82.5	17.365	230/460V	
	1800	145JP	00158EP3E145JP-W22	519	P1	54	2.05	84.0	18.365	230/460V	
2	3600	145JP	00236EP3E145JP-W22	594	P1	47	2.60	84.0	18.365	230/460V	
	1800	145JP	00218EP3E145JP-W22	571	P1	56	2.70	84.0	18.365	230/460V	
3	3600	145JP	00336EP3E145JP-W22	632	P1	54	3.71	85.5	18.365	230/460V	♣
	3600	182JP	00336EP3E182JP-W22	759	P1	106	3.59	85.5	19.057	230/460V	
	1800	182JP	00318EP3E182JP-W22	905	P1	97	3.90	87.5	19.057	230/460V	
5	3600	184JP	00536EP3E184JP-W22	941	P1	114	5.90	87.5	20.395	230/460V	
	1800	184JP	00518EP3E184JP-W22	1,013	P1	102	6.48	87.5	20.395	230/460V	
7.5	3600	184JP	00736EP3E184JP-W22	1,146	P1	128	8.76	88.5	20.395	230/460V	♣
	3600	213JP	00736EP3E213JP-W22	1,303	P1	150	8.66	88.5	22.550	230/460V	
	1800	213JP	00718EP3E213JP-W22	1,280	P1	150	9.53	89.5	22.550	230/460V	
10	3600	215JP	01036EP3E215JP-W22	1,613	P1	150	11.7	89.5	24.046	230/460V	
	1800	215JP	01018EP3E215JP-W22	1,533	P1	165	12.8	90.2	24.046	230/460V	
15	3600	215JP	01536EP3E215JP-W22	1,791	P1	174	17.3	90.2	24.046	230/460V	♣
	3600	254JP	01536EP3E254JP-W22	2,069	P1	280	17.0	90.2	26.964	230/460V	
	1800	254JP	01518EP3E254JP-W22	2,300	P1	266	17.9	91.0	26.964	230/460V	◆
20	3600	254JP	02036EP3E254JP-W22	2,451	P1	304	23.3	90.2	26.964	230/460V	♣
	3600	256JP	02036EP3E256JP-W22	2,621	P1	313	23.3	90.2	28.736	230/460V	
	1800	256JP	02018EP3E256JP-W22	2,541	P1	313	24.4	91.0	28.736	230/460V	◆
25	3600	256JP	02536EP3E256JP-W22	2,790	P1	313	28.4	91.0	28.736	230/460V	♣
	3600	284JP	02536EP3E284JP-W22	3,049	P1	353	29.0	91.0	30.079	230/460V	
	1800	284JP	02518EP3E284JP-W22	3,249	P1	437	29.6	92.4	30.079	230/460V	◆
30	3600	284JP	03036EP3E284JP-W22	3,519	P1	399	33.8	91.0	30.079	230/460V	♣
	3600	286JP	03036EP3E286JP-W22	3,872	P1	404	33.8	91.0	31.575	230/460V	
	1800	286JP	03018EP3E286JP-W22	3,630	P1	481	34.4	92.4	31.575	230/460V	◆
40	3600	286JP	04036EP3E286JP-W22	4,545	P1	448	46.6	91.7	31.575	230/460V	♣
	3600	324JP	04036EP3E324JP-W22	4,840	P1	561	46.1	91.7	32.525	230/460V	
	1800	324JP	04018EP3E324JP-W22	4,900	P1	587	47.6	93.0	32.525	230/460V	◆
50	3600	324JP	05036EP3E324JP-W22	4,954	P1	565	56.5	92.4	32.525	230/460V	♣
	3600	326JP	05036EP3E326JP-W22	5,613	P1	594	56.5	92.4	34.021	230/460V	
	1800	326JP	05018EP3E326JP-W22	5,611	P1	640	57.8	93.6	34.021	230/460V	◆
60	3600	326JP	06036EP3E326JP-W22	7,954	P1	594	69.0	93.0	34.021	230/460V	♣
	3600	364JP	06036EP3E364JP-W22	8,412	P1	917	69.0	93.0	35.916	230/460V	
	1800	326JP	06018EP3E326JP-W22	7,176	P1	687	72.7	93.6	34.021	230/460V	♣◆
	1800	364JP	06018EP3E364JP-W22	7,960	P1	963	67.0	93.6	35.916	230/460V	◆
75	3600	364JP	07536EP3E364JP-W22	9,623	P1	1025	82.5	93.0	35.916	230/460V	♣
	3600	365JP	07536EP3E365JP-W22	10,045	P1	1025	82.5	93.0	35.916	230/460V	
	1800	365JP	07518EP3E365JP-W22	9,038	P1	1010	82.4	94.1	35.916	230/460V	◆
100	3600	405JP	10036EP3E405JP-W22	11,449	P1	1361	113	93.6	38.911	230/460V	
	3600	405JP	10036EP3G405JP-W22	11,449	P1	1361	113	93.6	38.911	460V	
	1800	405JP	10018EP3E405JP-W22	10,269	P1	1273	115	94.5	38.911	230/460V	◆
	1800	405JP	10018EP3G405JP-W22	10,269	P1	1273	115	94.5	38.911	460V	◆

Note: ◆ Product may not be available from stock
♣ Reduced Frame

Fire Pump Motors

UL File number
EX5990
located on Fire Pump Label

WEG's Fire Pump motors are UL listed (UL 1004A) for Fire Pump applications in accordanc with NFPA 20. In addition, they feature a Class F insulation system and 1.15 service factor.

SUITABLE FOR FIRE PUMP APPLICATIONS DRIVEN BY VFD'S 10:1 SPEED RANGE (6 TO 60HZ) AND SF 1.15 FIRE PUMP MOTOR

USA375

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6655 Sugarloaf Parkway
Duluth, GA 30096
Phone: 1-800-ASK-4WEG (275-4934)
web: www.weg.net