

ATEX Motors

EXPLOSION PROOF

TEFC - Ex d

- 50 Hz and 60 Hz rated (1.00 Service Factor)
- Class F insulation (Impregnation Resin and magnet Wire are class H)
- F3 mounted as standard
- Stainless Steel Nameplate - Laser etched with high contrast background
- Regreasable ball bearings (Frames 225 and up)
- Gasketed conduit box
- Zone 1 and 2, Groups IIA and IIB, class of temperature T4
- Suitable for WYE/Delta Start
- Design N
- Conductive plastic fan (frames 63 up to 315)
- Aluminum fan (frame 355)
- Lip Seal on both endshields
- Thermistors 1 per phase



ADDITIONAL TECHNICAL DATA

CONTACT WEG OR VISIT WWW.WEG.NET





TEFC – Ex d - IE2

HP	KW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in)	Voltage (V)	Notes
1	0.75	3000/3600	90S/L	E0.7536XP3WAX90SF3-W	\$1,267	XD	68	1.00	1.69	79.2	15.118	220-240/380-415//440-460	1,8;27
		1500/1800	90S/L	E0.7518XP3WAX90SF3-W	\$1,283	XD	91	1.00	1.66	80.4	15.118	220-240/380-415//440-460	1,8;27
		1000/1200	90S/L	E0.7512XP3WAX90LF3-W	\$1,199	XD	75	1.00	1.92	76.4	15.118	220-240/380-415//440-460	1,8;27
1.5	1.1	3000/3600	90S/L	E00136XP3WAX90SF3-W	\$1,318	XD	68	1.00	2.33	81.0	15.118	220-240/380-415//440-460	1,8;27
		1500/1800	90S/L	E00118XP3WAX90LF3-W	\$1,334	XD	75	1.00	2.45	82.1	15.118	220-240/380-415//440-460	1,8;27
		1000/1200	90S/L	E00112XP3WAX90LF3-W	\$1,588	XD	75	1.00	2.80	78.1	15.118	220-240/380-415//440-460	1,8;27
2	1.5	3000/3600	90S/L	E00156XP3WAX90SF3-W	\$1,371	XD	60	1.00	3.12	82.5	15.118	220-240/380-415//440-460	1,8;27
		1500/1800	100L	E00158XP3WAX100LF3-W	\$1,488	XD	123	1.00	3.16	83.7	17.244	220-240/380-415//440-460	1,8;27
		1000/1200	100L	E00152XP3WAX100LF3-W	\$1,757	XD	101	1.00	3.71	80.3	17.244	220-240/380-415//440-460	1,8;27
3	2.2	3000/3600	90S/L	E00236XP3WAX90LF3-W	\$1,534	XD	51	1.00	4.56	83.9	15.118	220-240/380-415//440-460	1,8;27
		1500/1800	100L	E00218XP3WAX100LF3-W	\$1,783	XD	136	1.00	4.56	84.9	17.244	220-240/380-415//440-460	1,8;27
		1000/1200	112M	E00212XP3YAX112MF3-W	\$2,040	XD	126	1.00	6.04	84.4	17.953	380-415/660-690//440-460	1,8;27
4	3	3000/3600	100L	E00336XP3WAX100LF3-W	\$1,918	XD	130	1.00	5.85	85.0	17.244	220-240/380-415//440-460	1,8;27
		1500/1800	112M	E00318XP3YAX112MF3-W	\$2,137	XD	145	1.00	6.09	87.9	17.953	380-415/660-690//440-460	1,8;27
		1000/1200	132S/M	E00312XP3YAX132SF3-W	\$3,224	XD	180	1.00	7.34	83.6	20.630	380-415/660-690//440-460	1,8;27
5.5	4	3000/3600	112M	E00436XP3YAX112MF3-W	\$2,414	XD	164	1.00	7.50	86.3	17.953	380-415/660-690//440-460	1,8;27
		1500/1800	112M	E00418XP3YAX112MF3-W	\$2,468	XD	147	1.00	8.00	87.0	17.953	380-415/660-690//440-460	1,8;27
		1000/1200	132S/M	E00412XP3YAX132MF3-W	\$3,607	XD	202	1.00	9.50	84.9	20.630	380-415/660-690//440-460	1,8;27
7.5	5.5	3000/3600	132S/M	E00536XP3YAX132SF3-W	\$3,083	XD	239	1.00	10.6	87.3	20.630	380-415/660-690//440-460	1,8;27
		1500/1800	132S/M	E00518XP3YAX132SF3-W	\$3,025	XD	247	1.00	10.4	87.7	20.630	380-415/660-690//440-460	1,8;27
		1000/1200	132S/M	E00512XP3YAX132MF3-W	\$3,800	XD	219	1.00	12.9	86.2	20.630	380-415/660-690//440-460	1,8;27
10	7.5	3000/3600	132S/M	E00736XP3YAX132SF3-W	\$3,556	XD	252	1.00	13.8	88.7	20.630	380-415/660-690//440-460	1,8;27
		1500/1800	132S/M	E00718XP3YAX132MF3-W	\$3,685	XD	224	1.00	13.9	89.4	20.630	380-415/660-690//440-460	1,8;27
		1000/1200	160M/L	E00712XP3YAX160MF3-W	\$5,017	XD	350	1.00	14.7	88.5	28.228	380-415/660-690//440-460	1,8;27
15	11	3000/3600	160M/L	E01136XP3YAX160MF3-W	\$4,148	XD	446	1.00	20.1	90.6	28.228	380-415/660-690//440-460	1,8;27
		1500/1800	160M/L	E01118XP3YAX160MF3-W	\$4,151	XD	359	1.00	20.9	90.3	28.228	380-415/660-690//440-460	1,8;27
		1000/1200	160M/L	E01112XP3YAX160LF3-W	\$5,281	XD	392	1.00	21.7	89.3	28.228	380-415/660-690//440-460	1,8;27
20	15	3000/3600	160M/L	E01536XP3YAX160MF3-W	\$4,924	XD	461	1.00	27.2	91.4	28.228	380-415/660-690//440-460	1,8;27
		1500/1800	160M/L	E01518XP3YAX160LF3-W	\$4,608	XD	381	1.00	28.2	91.2	28.228	380-415/660-690//440-460	1,8;27
		1000/1200	180M/L	E01512XP3YAX180LF3-W	\$6,436	XD	512	1.00	27.1	90.6	29.606	380-415/660-690//440-460	1,8;27
25	18.5	3000/3600	160M/L	E01836XP3YAX160LF3-W	\$5,915	XD	409	1.00	33.2	92.2	28.228	380-415/660-690//440-460	1,8;27
		1500/1800	180M/L	E01818XP3YAX180MF3-W	\$6,059	XD	584	1.00	34.7	91.7	29.606	380-415/660-690//440-460	1,8;27
		1000/1200	200M/L	E01812XP3YAX200LF3-W	\$8,379	XD	617	1.00	35.2	91.3	32.323	380-415/660-690//440-460	1,8;27
30	22	3000/3600	180M/L	E02236XP3YAX180MF3-W	\$7,099	XD	582	1.00	38.1	92.4	29.606	380-415/660-690//440-460	1,8;27
		1500/1800	180M/L	E02218XP3YAX180LF3-W	\$6,706	XD	478	1.00	39.9	92.4	29.606	380-415/660-690//440-460	1,8;27
		1000/1200	200M/L	E02212XP3YAX200LF3-W	\$9,487	XD	529	1.00	41.8	91.6	32.323	380-415/660-690//440-460	1,8;27
40	30	3000/3600	200M/L	E03036XP3YAX200LF3-W	\$8,824	XD	647	1.00	52.2	93.0	32.323	380-415/660-690//440-460	1,8;27
		1500/1800	200M/L	E03018XP3YAX200LF3-W	\$8,717	XD	684	1.00	56.9	92.9	32.323	380-415/660-690//440-460	1,8;27
		1000/1200	225S/M	E03012XP3YAX225SMF3W	\$12,936	XD	937	1.00	54.9	92.7	37.441	380-415/660-690//440-460	1,8;27
50	37	3000/3600	200M/L	E03736XP3YAX200LF3-W	\$10,812	XD	573	1.00	64.0	93.5	32.323	380-415/660-690//440-460	1,8;27
		1500/1800	225S/M	E03718XP3YAX225SMF3W	\$11,099	XD	998	1.00	64.9	93.3	37.441	380-415/660-690//440-460	1,8;27
		1000/1200	250S/M	E03712XP3YAX250SMF3W	\$15,176	XD	1103	1.00	65.0	93.2	39.724	380-415/660-690//440-460	1,8;27
60	45	3000/3600	225S/M	E04536XP3YAX225SMF3W	\$17,255	XD	1075	1.00	75.8	93.8	36.260	380-415/660-690//440-460	1,8;27
		1500/1800	225S/M	E04518XP3YAX225SMF3W	\$12,846	XD	970	1.00	81.5	93.7	37.441	380-415/660-690//440-460	1,8;27
		1000/1200	280S/M	E04512XP3YAX280SMF3W	\$21,544	XD	1793	1.00	83.7	93.5	44.705	380-415/660-690//440-460	1,8;27

continued on next page

Please refer to back cover for description of "NOTES"

For detailed specifications, data sheets, drawings and performance curves visit <http://www.weg.net>

Data subject to change without notice.

Can't find what you are looking for? Call 1-800-ASK-4WEG (275-4934)

A-227

EXPLOSION PROOF

TEFC – Ex d - IE2 - *continued*

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	“C” Dimension (in)	Voltage (V)	Notes
75	55	3000//3600	250S/M	E05536XP3YAX250SMF3W	\$21,608	XD	1227	1.00	92.5	94.0	39.724	380-415/660-690//440-460	1;8;27
		1500//1800	250S/M	E05518XP3YAX250SMF3W	\$19,034	XD	1312	1.00	94.6	94.1	39.724	380-415/660-690//440-460	1;8;27
		1000//1200	280S/M	E05512XP3YAX280SMF3W	\$27,320	XD	1704	1.00	99.4	93.9	44.705	380-415/660-690//440-460	1;8;27
100	75	3000//3600	280S/M	E07536XP3YAX280SMF3W	\$30,248	XD	1854	1.00	126	94.3	44.705	380-415/660-690//440-460	1;8;27
		1500//1800	280S/M	E07518XP3YAX280SMF3W	\$23,986	XD	1852	1.00	130	94.4	44.705	380-415/660-690//440-460	1;8;27
		1000//1200	315S/M	E07512XP3YAX315SMF3W	\$31,133	XD	1599	1.00	137	94.2	51.654	380-415/660-690//440-460	1;8;27
125	90	3000//3600	280S/M	E09036XP3YAX280SMF3W	\$36,063	XD	1934	1.00	151	94.5	44.705	380-415/660-690//440-460	1;8;27
		1500//1800	280S/M	E09018XP3YAX280SMF3W	\$33,209	XD	2060	1.00	154	94.7	44.705	380-415/660-690//440-460	1;8;27
		1000//1200	315S/M	E09012XP3YAX315SMF3W	\$40,124	XD	2271	1.00	159	94.6	51.654	380-415/660-690//440-460	1;8;27
150	110	3000//3600	315S/M	E11036XP3YAX315SMF3W	\$42,763	XD	2205	1.00	183	94.9	50.472	380-415/660-690//440-460	1;8;27
		1500//1800	315S/M	E11018XP3YAX315SMF3W	\$37,846	XD	2426	1.00	192	95.0	51.654	380-415/660-690//440-460	1;8;27
		1000//1200	315S/M	E11012XP3YAX315SMF3W	\$48,658	XD	2569	1.00	194	94.9	51.654	380-415/660-690//440-460	1;8;27
175	132	3000//3600	315S/M	E13236XP3YAX315SMF3W	\$54,064	XD	2337	1.00	217	95.2	50.472	380-415/660-690//440-460	1;8;27
		1500//1800	315S/M	E13218XP3YAX315SMF3W	\$45,939	XD	2624	1.00	224	95.2	51.654	380-415/660-690//440-460	1;8;27
		1000//1200	315S/M	E13212XP3YAX315SMF3W	\$82,346	XD	3749	1.00	233	95.0	51.654	380-415/660-690//440-460	1;8;27
220	160	3000//3600	315S/M	E16036XP3YAX315SMF3W	\$67,306	XD	2567	1.00	262	95.3	50.472	380-415/660-690//440-460	1;8;27
		1500//1800	315S/M	E16018XP3YAX315SMF3W	\$50,129	XD	2668	1.00	271	95.4	51.654	380-415/660-690//440-460	1;8;27
		1000//1200	355M/L	E16012XP3YAX355MLF3W	\$90,159	XD	3969	1.00	290	96.0	61.358	380-415/660-690//440-460	1;8;27
270	200	3000//3600	355M/L	E20036XP3YAX355MLF3W	\$100,962	XD	4035	1.00	320	95.6	58.602	380-415/660-690//440-460	1;8;27
		1500//1800	355M/L	E20018XP3YAX355MLF3W	\$80,905	XD	4006	1.00	346	95.6	61.358	380-415/660-690//440-460	1;8;27
		1000//1200	355M/L	E20012XP3YAX355MLF3W	\$110,130	XD	4212	1.00	368	95.7	61.358	380-415/660-690//440-460	1;8;27
340	250	3000//3600	355M/L	E25036XP3YAX355MLF3W	\$111,375	XD	4348	1.00	392	96.4	58.602	380-415/660-690//440-460	1;8;27
		1500//1800	355M/L	E25018XP3YAX355MLF3W	\$94,903	XD	4236	1.00	432	95.8	61.358	380-415/660-690//440-460	1;8;27
		1000//1200	355M/L	E25012XP3YAX355MLF3W	\$133,308	XD	4818	1.00	461	95.5	61.358	380-415/660-690//440-460	1;8;27
430	315	1500//1800	355M/L	E31518XP3YAX355MLF3W	\$108,540	XD	4844	1.00	538	95.8	61.358	380-415/660-690//440-460	1;8;27