



Vaughen's® National Average Prices

2016 Edition

AC MOTORS 400 HP

Generators and Metric Motors 300 KW
3-Phase — 60 Hertz — Through 600 Volts

		Open Drip Proof	Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
			Fan Cooled	Explos. Proof			Rewind Stator	Rewind Rtr/Flds	Constant Torque		Constant HP		Two Windings	
									One Winding	Two Windings	One Winding	Two Windings	Constant Torque	Constant HP
3600 RPM														
Frame Size	T	449TS	449TS											
(Note 1)	U													
	Old/Large			5809H										
	Metric													
New Motor Price	List		75,034											
(Premium Efficient)	User		46,446											
New Motor Price	List	31,819												
(Energy Efficient)	User	19,696												
Stator Rewind Price	T	7,304	8,765	10,226	9,495	10,956	8,400	11,321						
(Without Bearings)	U/Prem/Met	8,400	10,080	11,759	10,919	12,599	9,660	13,019						
(Note 2)	Special	9,130	10,956	12,782	11,869	13,695	10,500	14,152						
Stator Rewind + Brgs	T	8,087	9,548											
1800 RPM														
Frame Size	T	449T	449T		449TP									
(Note 1)	U						587							
	Old/Large				5008P									
	Metric													
New Motor Price	List		63,060		57,514									
(Premium Efficient)	User		39,034		29,562									
New Motor Price	List	29,082			46,261									
(Energy Efficient)	User	18,002			23,778									
Stator Rewind Price	T	6,642	7,970	9,299	8,635	9,963	7,638	10,295						
(Without Bearings)	U/Prem/Met	7,638	9,166	10,694	9,930	11,457	8,784	11,839						
(Note 2)	Special	8,303	9,963	11,624	10,793	12,454	9,548	12,869						
Stator Rewind + Brgs	T	7,425	8,753											
1200 RPM														
Frame Size	T													
(Note 1)	U													
	Old/Large	5008L	5011L		5012P									
	Metric													
New Motor Price	List				85,423									
(Premium Efficient)	User				36,390									
New Motor Price	List	27,500	34,194		68,698									
(Energy Efficient)	User	24,805	25,714		29,265									
Stator Rewind Price	T	7,727	9,272	10,818	10,045	11,591	8,886	11,977						
(Without Bearings)	U/Prem/Met	8,886	10,663	12,440	11,552	13,329	10,219	13,773						
(Note 2)	Special	9,659	11,591	13,522	12,556	14,488	11,108	14,971						
Stator Rewind + Brgs	T													

Extras		Extras Priced By Frame Size												
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T			
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U	
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M	
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783	942	1,137	
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413	
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696	
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060	
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461	
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505	
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549	
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764	

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

NOTE 3: To Recondition TEFC, Special Motors, or Large Motors use prices shown in table above or 30% of rewind price. See General Information for other recondition adders.

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Vaughen's® National Average Prices
2016 Edition

AC MOTORS 350 HP

Generators and Metric Motors 263 KW
3-Phase — 60 Hertz — Through 600 Volts

		Open Drip Proof	Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
			Fan Cooled	Explos. Proof			Rewind Stator	Rewind Rtr/Flds	Constant Torque		Constant HP		Two Windings	
									One Winding	Two Windings	One Winding	Two Windings	Constant Torque	Constant HP
3600 RPM														
Frame Size	T	449TS	449TS	449TS										
(Note 1)	U													
Old/Large														
Metric														
New Motor Price	List		64,135	58,495										
(Premium Efficient)	User		39,700	40,011										
New Motor Price	List	27,121												
(Energy Efficient)	User	16,788												
Stator Rewind Price	T	6,691	8,029	9,367	8,698	10,037	7,695	10,371						
(Without Bearings)	U/Prem/Met	7,695	9,234	10,773	10,003	11,542	8,849	11,927						
(Note 2)	Special	8,364	10,037	11,709	10,873	12,546	9,618	12,964						
Stator Rewind + Brgs	T	7,474	8,812	10,150										
1800 RPM														
Frame Size	T	449T	449T	449T	447TP									
(Note 1)	U						505							
Old/Large					5006P									
Metric														
New Motor Price	List		50,488		50,683									
(Premium Efficient)	User		31,252		26,051									
New Motor Price	List	26,796			40,796									
(Energy Efficient)	User	16,587			20,969									
Stator Rewind Price	T	6,082	7,298	8,515	7,907	9,123	6,994	9,427						
(Without Bearings)	U/Prem/Met	6,994	8,393	9,792	9,093	10,491	8,043	10,841						
(Note 2)	Special	7,603	9,123	10,644	9,883	11,404	8,743	11,784						
Stator Rewind + Brgs	T	6,865	8,081	9,298										
1200 RPM														
Frame Size	T		449T											
(Note 1)	U													
Old/Large		5009	5011L		5008P									
Metric														
New Motor Price	List				74,779									
(Premium Efficient)	User				31,856									
New Motor Price	List	26,123	31,417		60,183									
(Energy Efficient)	User	23,563	23,626		25,638									
Stator Rewind Price	T	7,086	8,503	9,920	9,212	10,629	8,149	10,983						
(Without Bearings)	U/Prem/Met	8,149	9,779	11,408	10,594	12,223	9,371	12,631						
(Note 2)	Special	8,858	10,629	12,401	11,515	13,286	10,186	13,729						
Stator Rewind + Brgs	T		9,286											

Extras		Extras Priced By Frame Size											
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T		
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783	942	1,137
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

NOTE 3: To Recondition TEFC, Special Motors, or Large Motors use prices shown in table above or 30% of rewind price. See General Information for other recondition adders.



Vaughen's® National Average Prices
2016 Edition

Random Wound AC MOTORS 300 HP

Generators and Metric Motors 220 KW
3-Phase — 60 Hertz — Through 600 Volts

		Open Drip Proof	Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
			Fan Cooled	Explos. Proof			Rewind Stator	Rewind Rtr/Flds	Constant Torque		Constant HP		Two Windings	
									One Winding	Two Windings	One Winding	Two Windings	Constant Torque	Constant HP
3600 RPM														
Frame Size	T	445TS	449TS	449TS	449TP									
(Note 1)	U													
Old/Large														
Metric														
New Motor Price	List		53,433	51,391										
(Premium Efficient)	User		33,075	35,151										
New Motor Price	List	23,699												
(Energy Efficient)	User	14,670												
Stator Rewind Price	T	5,983	7,180	8,376	7,778	8,975	6,880	9,274	8,975	12,265	14,359	17,351		
(Without Bearings)	U/Prem/Met	6,880	8,257	9,633	8,945	10,321	7,913	10,665	10,321	14,105	16,513	19,953		
(Note 2)	Special	7,479	8,975	10,470	9,722	11,218	8,601	11,592	11,218	15,331	17,949	21,688		
Stator Rewind + Brgs	T	6,648	7,963	9,159										
1800 RPM														
Frame Size	T	449T	449T	449T	447TP									
(Note 1)	U				506UP		505							
Old/Large					5006P									
Metric														
New Motor Price	List	26,089	42,075	39,906	45,704									
(Premium Efficient)	User	16,149	26,044	27,296	23,492									
New Motor Price	List				35,326									
(Energy Efficient)	User				18,158									
Stator Rewind Price	T	5,438	6,526	7,613	7,069	8,157	6,254	8,429	8,157	11,148	13,051	15,770		
(Without Bearings)	U/Prem/Met	6,254	7,504	8,755	8,130	9,381	7,192	9,693	9,381	12,820	15,009	18,136		
(Note 2)	Special	6,798	8,157	9,517	8,837	10,196	7,817	10,536	10,196	13,935	16,314	19,713		
Stator Rewind + Brgs	T	6,221	7,309	8,396										
1200 RPM														
Frame Size	T	449T	449T		449TP									
(Note 1)	U				5008P									
Old/Large														
Metric														
New Motor Price	List	27,315	44,454		64,981									
(Premium Efficient)	User	18,683	27,517		27,682									
New Motor Price	List				52,333									
(Energy Efficient)	User				22,294									
Stator Rewind Price	T	6,238	7,486	8,733	8,109	9,357	7,174	9,669	9,357	12,788	14,971	18,090		
(Without Bearings)	U/Prem/Met	7,174	8,608	10,043	9,326	10,761	8,250	11,119	10,761	14,706	17,217	20,804		
(Note 2)	Special	7,798	9,357	10,917	10,137	11,696	8,967	12,086	11,696	15,985	18,714	22,613		
Stator Rewind + Brgs	T	7,021	8,269											

Extras		Extras Priced By Frame Size												
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T			
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U	
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M	
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783	942	1,137	
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413	
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696	
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060	
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461	
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505	
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549	
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764	

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

NOTE 3: To Recondition TEFC, Special Motors, or Large Motors use prices shown in table above or 30% of rewind price. See General Information for other recondition adders.

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Vaughen's® National Average Prices
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AC MOTORS 250 HP

Generators and Metric Motors 185 KW
3-Phase — 60 Hertz — Through 600 Volts

3600 RPM	Open Drip Proof	Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors		4 Speed Motors	
		Fan Cooled	Explos. Proof			Rewind Stator	Rewind Rtr/Flds	Constant Torque One Winding	Two Windings	Constant HP One Winding	Two Windings
Frame Size	T	445TS	449TS	449TS	440TP			449TS			
(Note 1)	U	504US	506US	506US							
Old/Large											
Metric											
New Motor Price	List		36,560	42,251							
(Premium Efficient)	User		22,631	28,900							
New Motor Price	List	15,162									
(Energy Efficient)	User	9,385									
Stator Rewind Price	T	5,085	6,102	7,119	6,611	7,628	5,848	7,882	7,628	10,424	12,204
(Without Bearings)	U/Prem/Met	5,848	7,017	8,187	7,602	8,772	6,725	9,064	8,772	11,988	14,035
(Note 2)	Special	6,356	7,628	8,899	8,263	9,534	7,310	9,852	9,534	13,030	15,255
Stator Rewind + Brgs	T	5,750	6,885	7,902					8,411		
1800 RPM											
Frame Size	T	447T	449T	449T	H445TP			449T			
(Note 1)	U				505UP	504					
Old/Large											
Metric											
New Motor Price	List	17,108	30,527	35,786	39,399						
(Premium Efficient)	User	10,590	18,896	24,478	20,251						
New Motor Price	List				29,944						
(Energy Efficient)	User				15,391						
Stator Rewind Price	T	4,621	5,545	6,469	6,007	6,932	5,314	7,163	6,932	9,473	11,090
(Without Bearings)	U/Prem/Met	5,314	6,377	7,440	6,908	7,971	6,111	8,237	7,971	10,894	12,754
(Note 2)	Special	5,776	6,932	8,087	7,509	8,664	6,643	8,953	8,664	11,841	13,863
Stator Rewind + Brgs	T	5,404	6,328	7,252					7,715		
1200 RPM											
Frame Size	T	449T	449T	449T	447TP						
(Note 1)	U				5006P	505					
Old/Large											
Metric											
New Motor Price	List	24,438	44,018	38,837	55,256						
(Premium Efficient)	User	16,716	27,247	26,565	23,539						
New Motor Price	List				44,674						
(Energy Efficient)	User				19,031						
Stator Rewind Price	T	5,327	6,392	7,458	6,925	7,991	6,126	8,257	7,991	10,920	12,785
(Without Bearings)	U/Prem/Met	6,126	7,351	8,576	7,964	9,189	7,045	9,495	9,189	12,558	14,703
(Note 2)	Special	6,659	7,991	9,322	8,656	9,988	7,658	10,321	9,988	13,650	15,981
Stator Rewind + Brgs	T	6,110	7,175	8,241							

Extras		Extras Priced By Frame Size									
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U	
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M	
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

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Vaughen's® National Average Prices
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Random Wound AC MOTORS 200 HP

Generators and Metric Motors 150 KW
3-Phase — 60 Hertz — Through 600 Volts

		Open Drip Proof	Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
			Fan Cooled	Explos. Proof			Rewind Stator	Rewind Rtr/Flds	Constant Torque		Constant HP		Two Windings	
3600 RPM									One Winding	Two Windings	One Winding	Two Windings	Constant Torque	Constant HP
Frame Size (Note 1)	T	444TS	447TS	447TS	440TP				449TS	447TS	449TS	447TS		
	U	445US	505US	505US	445UP									
	Old/Large Metric													
New Motor Price (Premium Efficient)	List	14,864	23,416	34,181					48,606	64,808	45,498	59,924		
	User	9,201	14,495	23,380					33,247	44,329	31,121	40,988		
New Motor Price (Energy Efficient)	List								43,089	57,452	39,477	51,994		
	User								29,473	39,297	27,002	35,564		
Stator Rewind Price (Without Bearings)	T	4,245	5,094	5,943	5,519	6,368	4,882	6,580	6,368	8,702	10,188	12,311		
	U/Prem/Met	4,882	5,858	6,834	6,346	7,323	5,614	7,567	7,323	10,008	11,716	14,157		
(Note 2)	Special	5,306	6,368	7,429	6,898	7,959	6,102	8,225	7,959	10,878	12,735	15,388		
Stator Rewind + Brgs	T	4,910	5,877	6,726					7,151	9,485	10,971	13,094		
1800 RPM														
Frame Size (Note 1)	T	445T	447T	447T	H445TP	449T	445T		449T	449T				
	U	504US	505US	505US	504UP									
	Old/Large Metric													
New Motor Price (Premium Efficient)	List	15,256	23,184	25,899	31,516				43,278	57,704				
	User	9,443	14,351	14,322	16,199				29,602	39,470				
New Motor Price (Energy Efficient)	List				25,991				37,551	50,068				
	User				13,359				25,685	34,247				
Stator Rewind Price (Without Bearings)	T	3,858	4,630	5,401	5,015	5,787	4,437	5,980	5,787	7,909	9,259	11,188		
	U/Prem/Met	4,437	5,324	6,211	5,768	6,655	5,102	6,877	6,655	9,095	10,648	12,866		
(Note 2)	Special	4,823	5,787	6,752	6,269	7,234	5,546	7,475	7,234	9,886	11,574	13,985		
Stator Rewind + Brgs	T	4,523	5,413	6,184		6,570	5,102		6,570	8,692				
1200 RPM														
Frame Size (Note 1)	T	447T	449T	449T	447TP									
	U				506UP		505							
	Old/Large Metric				5006P									
New Motor Price (Premium Efficient)	List	20,984	28,836	37,152	49,784									
	User	12,989	17,849	25,412	21,208									
New Motor Price (Energy Efficient)	List				42,871									
	User				18,263									
Stator Rewind Price (Without Bearings)	T	4,547	5,456	6,366	5,911	6,821	5,229	7,048	6,821	9,321	10,913	13,186		
	U/Prem/Met	5,229	6,275	7,321	6,798	7,844	6,013	8,105	7,844	10,720	12,550	15,164		
(Note 2)	Special	5,684	6,821	7,957	7,389	8,526	6,536	8,810	8,526	11,652	13,641	16,483		
Stator Rewind + Brgs	T	5,330	6,239	7,149										

Extras		Extras Priced By Frame Size											
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T		
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783	942	1,137
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "UIPrem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

NOTE 3: To Recondition TEFC, Special Motors, or Large Motors use prices shown in table above or 30% of rewind price. See General Information for other recondition adders.

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Vaughen's® National Average Prices

2016 Edition

Random Wound AC MOTORS 150 HP

Generators and Metric Motors 110 KW
3-Phase — 60 Hertz — Through 600 Volts

		Open Drip Proof	Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
			Fan Cooled	Explos. Proof			Rewind Stator	Rewind Rtr/Flds	Constant Torque		Constant HP		Two Windings	
									One Winding	Two Windings	One Winding	Two Windings	Constant Torque	Constant HP
3600 RPM														
Frame Size	T	405TS	445TS	445TS	405TP				449TS	445TS	449TS	445TS		
	U	445US	504US	504US	444UP									
(Note 1)	Old/Large	505S												
	Metric													
New Motor Price	List	13,117	19,538	28,006	25,639				41,046	54,727	37,816	49,807		
(Premium Efficient)	User	8,119	12,094	19,156	15,101				28,075	37,433	25,866	34,068		
New Motor Price	List				20,014				36,093	48,123	32,119	42,304		
(Energy Efficient)	User				11,788				24,688	32,916	21,969	28,936		
Stator Rewind Price	T	3,363	4,036	4,708	4,372	5,045	3,867	5,213	5,045	6,894	8,071	9,753		
(Without Bearings)	U/Prem/Met	3,867	4,641	5,414	5,028	5,801	4,448	5,995	5,801	7,928	9,282	11,216		
(Note 2)	Special	4,204	5,045	5,885	5,465	6,306	4,834	6,516	6,306	8,618	10,089	12,191		
Stator Rewind + Brgs	T	3,874	4,701	5,373					5,828	7,559	8,854	10,418		
1800 RPM														
Frame Size	T	444T	445T	445T	H444TP	449T	444T		449T	449T				
	U	445US	504US	504US	445UP		505US							
(Note 1)	Old/Large	580S	775S	775S	580PH									
	Metric													
New Motor Price	List	12,208	18,443	21,257	25,362				35,972	47,962				
(Premium Efficient)	User	7,557	9,959	11,755	13,036				24,605	32,806				
New Motor Price	List				19,131				30,553	40,737				
(Energy Efficient)	User				9,833				20,898	27,864				
Stator Rewind Price	T	3,057	3,668	4,280	3,974	4,586	3,516	4,738	4,586	6,267	7,337	8,865		
(Without Bearings)	U/Prem/Met	3,516	4,219	4,922	4,570	5,273	4,043	5,449	5,273	7,207	8,437	10,195		
(Note 2)	Special	3,821	4,586	5,350	4,968	5,732	4,394	5,923	5,732	7,834	9,171	11,082		
Stator Rewind + Brgs	T	3,722	4,333	4,945		5,369	4,181		5,369	7,050				
1200 RPM														
Frame Size	T	445T	447T	447T	H445TP	447T			449T	449T				
	U	505US	505US	505US	505UP		504							
(Note 1)	Old/Large	580S	857S	857S	580HP		772S							
	Metric													
New Motor Price	List	15,963	23,372	27,511	33,404				48,974	65,299				
(Premium Efficient)	User	9,881	14,467	18,818	19,675				33,498	44,665				
New Motor Price	List				26,371	37,249			43,727	58,302				
(Energy Efficient)	User				15,533	23,057			29,909	39,879				
Stator Rewind Price	T	3,714	4,457	5,200	4,828	5,571	4,271	5,757	5,571	7,614	8,914	10,771		
(Without Bearings)	U/Prem/Met	4,271	5,125	5,980	5,552	6,407	4,912	6,620	6,407	8,756	10,251	12,386		
(Note 2)	Special	4,643	5,571	6,500	6,035	6,964	5,339	7,196	6,964	9,517	11,142	13,463		
Stator Rewind + Brgs	T	4,379	5,240	5,983		6,354			6,354	8,397				

Extras		Extras Priced By Frame Size											
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T		
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783	942	1,137
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "UIPrem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

NOTE 3: To Recondition TEFC, Special Motors, or Large Motors use prices shown in table above or 30% of rewind price. See General Information for other recondition adders.

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Vaughen's® National Average Prices
2016 Edition

AC MOTORS 125 HP

Generators and Metric Motors 90 KW
3-Phase — 60 Hertz — Through 600 Volts

2016 Edition

		Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
		Fan Cooled	Explos. Proof			Rewind Stator	Rewind Rtr/Flds	Constant Torque		Constant HP		Constant Torque	Constant HP
		Open Drip Proof						One Winding	Two Windings	One Winding	Two Windings		
3600 RPM													
Frame Size (Note 1)	T	404TS	444TS	444TS	404TP			447TS	444TS	447TS	444TS		
	U	444US	445US	445US	405UP								
	Old/Large	504S	607S	607S									
	Metric		280MP										
New Motor Price (Premium Efficient)	List	10,633	16,605	23,930	17,256			35,012	46,683	32,279	42,514		
	User	6,582	10,279	16,368	10,164			23,948	31,931	22,079	29,080		
New Motor Price (Energy Efficient)	List				16,643			30,395	40,526	27,417	36,110		
	User				9,803			20,790	27,720	18,753	24,699		
Stator Rewind Price (Without Bearings)	T	2,900	3,480	4,060	3,770	4,350	3,335	4,495	4,350	5,945	6,960	8,410	
	U/Prem/Met	3,335	4,002	4,669	4,336	5,003	3,835	5,169	5,003	6,837	8,004	9,672	
(Note 2)	Special	3,625	4,350	5,075	4,713	5,438	4,169	5,619	5,438	7,431	8,700	10,513	
Stator Rewind + Brgs	T	3,411	4,145	4,725					5,133	6,610	7,743	9,075	
1800 RPM													
Frame Size (Note 1)	T	405T	444T	444T	405TP	445T	405T		447T	449T	449T	449T	
	U	445US	445US	445US	444UP		445US						
	Old/Large	505S	607S	607S	505		761S						
	Metric		280MP										
New Motor Price (Premium Efficient)	List	10,991	16,033	17,910	18,509			30,705	40,940	54,698	72,041		
	User	6,803	8,658	9,904	9,514			21,002	28,003	37,413	49,276		
New Motor Price (Energy Efficient)	List				15,887			26,079	34,772	54,698	72,041		
	User				8,166			17,838	23,784	37,413	49,276		
Stator Rewind Price (Without Bearings)	T	2,637	3,164	3,692	3,428	3,956	3,033	4,087	3,956	5,406	6,329	7,647	
	U/Prem/Met	3,033	3,639	4,246	3,942	4,549	3,487	4,700	4,549	6,217	7,278	8,794	
(Note 2)	Special	3,296	3,956	4,615	4,285	4,944	3,791	5,109	4,944	6,757	7,911	9,559	
Stator Rewind + Brgs	T	3,148	3,829	4,357		4,621	3,544		4,739	6,189	7,112	8,430	
1200 RPM													
Frame Size (Note 1)	T	445T	445T	445T	H445TP	447T	445T		449T	449T			
	U	504UU	504UU	504UU	504UP		504UU						
	Old/Large	580S	754S	754S	580PH	580C	772S						
	Metric		315MT										
New Motor Price (Premium Efficient)	List	13,555	20,405	25,282	28,648			43,434	57,912				
	User	8,391	12,631	17,293	16,874			29,709	39,612				
New Motor Price (Energy Efficient)	List				21,826	31,535		37,017	49,356				
	User				12,856	19,520		25,320	33,760				
Stator Rewind Price (Without Bearings)	T	3,208	3,850	4,491	4,170	4,812	3,689	4,972	4,812	6,576	7,699	9,303	
	U/Prem/Met	3,689	4,427	5,165	4,796	5,534	4,243	5,718	5,534	7,563	8,854	10,699	
(Note 2)	Special	4,010	4,812	5,614	5,213	6,015	4,612	6,216	6,015	8,221	9,624	11,629	
Stator Rewind + Brgs	T	3,873	4,515	5,156		5,595	4,354		5,595	7,359			

Extras		Extras Priced By Frame Size											
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	354/5T	404/5T	444/5T	447/9T		
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783	942	1,137
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

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Vaughen's® National Average Prices

2016 Edition

Random Wound AC MOTORS 100 HP

Generators and Metric Motors 75 KW
3-Phase — 60 Hertz — Through 600 Volts

		Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
		Fan Cooled	Explos. Proof			Rewind Stator	Rewind Rtr/Flds	Constant Torque One Winding	Two Windings	Constant HP One Winding	Two Windings	Constant Torque	Constant HP
3600 RPM		Open Drip Proof											
Frame Size (Note 1)	T	365TS	405TS	405TS	365TP			445TS	405TS	445TS	405TS		
	U	405US	445US	445US	404UP			445US		445US			
	Old/Large	445S	505S	505S				445S					
	Metric		280SP										
New Motor Price	List	8,473	13,434	17,335	14,899			29,794	39,725	28,265	37,228		
(Premium Efficient)	User	5,245	8,316	11,857	8,776			20,379	27,172	19,333	25,464		
New Motor Price	List				13,249			22,333	29,778	20,320	26,762		
(Energy Efficient)	User				6,810			15,276	20,368	13,899	18,305		
Stator Rewind Price	T	2,457	2,948	3,440	3,194	3,686	2,826	3,686	5,037	5,897	7,125		
(Without Bearings)	U/Prem/Met	2,826	3,391	3,956	3,673	4,238	3,249	4,238	5,792	6,781	8,194		
(Note 2)	Special	3,071	3,686	4,300	3,993	4,607	3,532	4,607	6,296	7,371	8,907		
Stator Rewind + Brgs	T	2,835	3,459	3,951				4,351	5,548	6,562	7,636		
1800 RPM													
Frame Size (Note 1)	T	404T	405T	405T	404TP	444T	404T	445T	449T	449T	449T		
	U	444US	445US	445US	405UP	445U	444US	445US					
	Old/Large	504S	505S	505S	504		505S						
	Metric		280SP										
New Motor Price	List	8,959	12,952	14,501	15,885			26,887	35,849	47,048	61,965		
(Premium Efficient)	User	5,546	6,994	8,019	8,165			18,391	24,521	32,181	42,384		
New Motor Price	List				12,615			19,328	25,771	47,048	61,965		
(Energy Efficient)	User				6,484			13,220	17,627	32,181	42,384		
Stator Rewind Price	T	2,233	2,680	3,126	2,903	3,350	2,568	3,350	4,578	5,359	6,476		
(Without Bearings)	U/Prem/Met	2,568	3,082	3,595	3,338	3,852	2,953	3,852	5,264	6,163	7,447		
(Note 2)	Special	2,791	3,350	3,908	3,629	4,187	3,210	4,187	5,722	6,699	8,095		
Stator Rewind + Brgs	T	2,744	3,191	3,637		4,015	3,079	4,015	5,361	6,142	7,259		
1200 RPM													
Frame Size (Note 1)	T	444T	444T	444T	H444TP	445T	444T	447T	449T				
	U	445U	445U	445U	445UP								
	Old/Large	580S	607S	607S	580PH		752S						
	Metric		315ST										
New Motor Price	List	12,551	17,345	21,232	24,969			38,446	51,262				
(Premium Efficient)	User	7,769	10,737	11,741	14,707			26,297	35,063				
New Motor Price	List				18,324	24,566		28,839	38,451				
(Energy Efficient)	User				10,793	15,206		19,726	26,300				
Stator Rewind Price	T	2,771	3,325	3,879	3,602	4,157	3,187	4,157	5,681	6,650	8,036		
(Without Bearings)	U/Prem/Met	3,187	3,824	4,461	4,143	4,780	3,665	4,780	6,533	7,648	9,241		
(Note 2)	Special	3,464	4,157	4,849	4,503	5,196	3,983	5,196	7,101	8,313	10,045		
Stator Rewind + Brgs	T	3,436	3,990	4,544		4,822	3,852	4,940	6,464				

Extras		Extras Priced By Frame Size											
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T		
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783	942	1,137
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

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Vaughen's® National Average Prices
2016 Edition

Random Wound AC MOTORS 75 HP

Generators and Metric Motors 55 KW
3-Phase — 60 Hertz — Through 600 Volts

		Open Drip Proof	Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
			Fan Cooled	Explos. Proof			Rewind Stator	Rewind Rtr/Flds	Constant Torque		Constant HP		Two Windings	
									One Winding	Two Windings	One Winding	Two Windings	Constant Torque	Constant HP
3600 RPM														
Frame Size (Note 1)	T	364TS	365TS	365TS	364TP				405TS	365TS	405TS	365TS		
	U	404US	444US	444US	365UP				405US		444US			
	Old/Large Metric	444S	504S						445S					
New Motor Price (Premium Efficient)	List	7,926	10,507	13,631	10,782				21,791	29,055	19,947	26,271		
	User	4,906	6,504	7,538	6,351				14,905	19,874	13,644	17,969		
New Motor Price (Energy Efficient)	List				9,831				17,846	23,795	16,365	21,554		
	User				5,053				12,207	16,276	11,194	14,743		
Stator Rewind Price (Without Bearings) (Note 2)	T	2,009	2,411	2,813	2,612	3,014	2,310	3,114	3,014	4,118	4,822	5,826		
	U/Prem/Met	2,310	2,772	3,234	3,003	3,466	2,657	3,581	3,466	4,736	5,545	6,700		
	Special	2,511	3,014	3,516	3,265	3,767	2,888	3,892	3,767	5,148	6,027	7,283		
Stator Rewind + Brgs	T	2,387	2,789	3,191					3,525	4,496	5,333	6,204		
1800 RPM														
Frame Size (Note 1)	T	365T	365T	365T	365TP	405T	365T		405T	445T	447T	447T		
	U	405US	445U	445U	404UP	444U	405US		444US					
	Old/Large Metric	445S	504S	504S			504S		504S					
New Motor Price (Premium Efficient)	List	7,701	10,429	12,622	12,312				18,974	25,298	37,236	49,043		
	User	4,767	5,632	6,980	6,328				12,978	17,304	25,469	33,545		
New Motor Price (Energy Efficient)	List				9,986				15,567	20,756	37,236	49,043		
	User				5,133				10,648	14,197	25,469	33,545		
Stator Rewind Price (Without Bearings) (Note 2)	T	1,828	2,194	2,559	2,376	2,742	2,102	2,833	2,742	3,747	4,387	5,301		
	U/Prem/Met	2,102	2,523	2,943	2,733	3,153	2,418	3,258	3,153	4,310	5,045	6,096		
	Special	2,285	2,742	3,199	2,971	3,428	2,628	3,542	3,428	4,684	5,484	6,627		
Stator Rewind + Brgs	T	2,206	2,572	2,937		3,253	2,480		3,253	4,412	5,170	6,084		
1200 RPM														
Frame Size (Note 1)	T	405T	405T	405T	405TP	444T	405T		445T	449T	449T			
	U	444U	445U	445U	444UP	445U	444U							
	Old/Large Metric	505	505	505	505		607							
New Motor Price (Premium Efficient)	List	11,403	14,371	16,190	19,256				29,215	38,953				
	User	7,058	8,896	11,074	11,342				19,983	26,644				
New Motor Price (Energy Efficient)	List				14,779	18,899			23,072	30,763				
	User				7,596	11,698			15,781	21,042				
Stator Rewind Price (Without Bearings) (Note 2)	T	2,221	2,665	3,109	2,887	3,332	2,554	3,443	3,332	4,553	5,330	6,441		
	U/Prem/Met	2,554	3,065	3,576	3,320	3,831	2,937	3,959	3,831	5,236	6,130	7,407		
	Special	2,776	3,332	3,887	3,609	4,164	3,193	4,303	4,164	5,691	6,663	8,051		
Stator Rewind + Brgs	T	2,732	3,176	3,620		3,997	3,065		3,997	5,336	6,113			

Extras		Extras Priced By Frame Size												
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T			
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U	
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M	
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783	942	1,137	
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413	
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696	
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060	
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461	
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505	
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549	
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764	

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

NOTE 3: To Recondition TEFC, Special Motors, or Large Motors use prices shown in table above or 30% of rewind price. See General Information for other recondition adds.

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Vaughen's® National Average Prices

2016 Edition

Random Wound AC MOTORS 60 HP

Generators and Metric Motors 45 KW
3-Phase — 60 Hertz — Through 600 Volts

		Open Drip Proof	Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
			Fan Cooled	Explos. Proof			Rewind Stator	Rewind Rtr/Flds	Constant Torque		Constant HP		Two Windings	
									One Winding	Two Windings	One Winding	Two Windings	Constant Torque	Constant HP
3600 RPM														
Frame Size (Note 1)	T	326TS	364TS	364TS	326TP				404TS	364TS	404TS	364TS		
	U	365US	405US	405US	364UP				404US		405US			
	Old/Large	405S	445S	445S					444S					
	Metric		225MR											
New Motor Price (Premium Efficient)	List	6,043	9,032	10,848	9,456				18,730	24,973	17,054	22,461		
	User	3,741	5,591	5,999	5,570				12,811	17,082	11,665	15,363		
New Motor Price (Energy Efficient)	List				7,859				14,693	19,591	13,272	17,480		
	User				4,040				10,050	13,400	9,078	11,956		
Stator Rewind Price (Without Bearings) (Note 2)	T	1,724	2,069	2,414	2,241	2,586	1,983	2,672	2,586	3,534	4,138	5,000		
	U/Prem/Met	1,983	2,379	2,776	2,577	2,974	2,280	3,073	2,974	4,064	4,758	5,750		
	Special	2,155	2,586	3,017	2,802	3,233	2,478	3,340	3,233	4,418	5,172	6,250		
Stator Rewind + Brgs	T	2,024	2,447	2,792					3,097	3,912	4,649	5,378		
1800 RPM														
Frame Size (Note 1)	T	364T	364T	364T	364TP	404T	365T		405T	445T	445T	445T	445T	
	U	404US	405US	405US	365UP	444U	404US		405US					
	Old/Large	444S	445S	445S	444		445S		445S	505S				
	Metric		225MR											
New Motor Price (Premium Efficient)	List	6,274	8,919	9,924	10,528				16,222	21,629	37,187	48,978		
	User	3,884	4,816	5,488	5,411				11,096	14,794	25,436	33,501		
New Motor Price (Energy Efficient)	List				8,202				12,624	16,832	27,958	36,823		
	User				4,216				8,635	11,513	19,123	25,187		
Stator Rewind Price (Without Bearings) (Note 2)	T	1,566	1,879	2,192	2,036	2,349	1,801	2,427	2,349	3,210	3,758	4,541	7,716	
	U/Prem/Met	1,801	2,161	2,521	2,341	2,701	2,071	2,791	2,701	3,692	4,322	5,223	8,873	
	Special	1,958	2,349	2,741	2,545	2,936	2,251	3,034	2,936	4,013	4,698	5,677	9,645	
Stator Rewind + Brgs	T	1,944	2,257	2,570		2,860	2,179		2,860	3,875	4,423	5,206	8,381	
1200 RPM														
Frame Size (Note 1)	T	404T	404T	404T	404TP	405T	404T		444T	447T	449T	449T		
	U	444U	444U	444U	405UP	444U	405U							
	Old/Large	504	504	504	504	505	505							
	Metric		280SP											
New Motor Price (Premium Efficient)	List	9,413	12,341	13,919	16,944				25,085	33,446	71,875	94,665		
	User	5,827	7,639	9,521	9,980				17,158	22,877	49,163	64,751		
New Motor Price (Energy Efficient)	List				12,568	17,426			20,452	27,269				
	User				6,460	10,787			13,989	18,652				
Stator Rewind Price (Without Bearings) (Note 2)	T	1,894	2,273	2,652	2,462	2,841	2,178	2,936	2,841	3,883	4,546	5,493		
	U/Prem/Met	2,178	2,614	3,049	2,832	3,267	2,505	3,376	3,267	4,465	5,227	6,316		
	Special	2,368	2,841	3,315	3,078	3,551	2,723	3,670	3,551	4,853	5,682	6,866		
Stator Rewind + Brgs	T	2,405	2,784	3,163		3,352	2,689		3,506	4,666	5,329	6,276		

Extras	Extras Priced By Frame Size											
Nema T Frames	143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T		
Nema U Frames		182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U
Metric Frames	90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M
Furnish/Install 2 Standard Ball Bearings	92	108	134	167	229	300	378	511	665	783	942	1,137
Recondition ODP Motor	196	231	281	338	391	483	568	701	856	1,022	1,204	1,413
Recondition TEFC/Special Motor (Note 3)	235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696
Dismantle & Reassemble Only	147	173	211	253	294	362	426	526	642	766	903	1,060
Dynamic Balance Rotor	142	153	168	190	206	228	250	280	307	342	399	461
Metallize 1 Shaft or Housing Surface	170	178	191	204	221	240	264	290	309	351	430	505
Bore & Bush 1 End Bracket	204	221	238	273	306	341	383	409	437	471	482	549
Furnish & Install 9 New Leads	139	156	177	228	285	346	404	451	505	569	658	764

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

NOTE 3: To Recondition TEFC, Special Motors, or Large Motors use prices shown in table above or 30% of rewind price. See General Information for other recondition adders.

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Vaughen's® National Average Prices
2016 Edition

Random Wound AC MOTORS 50 HP

Generators and Metric Motors 37 KW
3-Phase — 60 Hertz — Through 600 Volts

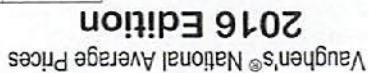
		Open Drip Proof	Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
			Fan Cooled	Explos. Proof			Rewind Stator	Rewind Rtr/Flds	Constant Torque		Constant HP		Two Windings	
									One Winding	Two Windings	One Winding	Two Windings	Constant Torque	Constant HP
3600 RPM														
Frame Size (Note 1)	T	324TS	326TS	326TS	324TP				365TS	326TS	365TS	326TS		
	U	364US	365US	365US	326UP				365US		404US			
	Old/Large Metric	404S	444S	444S					405S					
New Motor Price (Premium Efficient)	List	4,776	6,429	8,269	8,186				13,332	17,776	11,847	15,603		
	User	2,956	3,980	4,573	4,822				9,119	12,159	8,103	10,672		
New Motor Price (Energy Efficient)	List				6,587				9,627	12,836	8,663	11,410		
	User				3,386				6,585	8,780	5,925	7,804		
Stator Rewind Price (Without Bearings) (Note 2)	T	1,497	1,796	2,096	1,946	2,246	1,722	2,320	2,246	3,069	3,593	4,341		
	U/Prem/Met	1,722	2,066	2,410	2,238	2,582	1,980	2,668	2,582	3,529	4,132	4,993		
	Special	1,871	2,246	2,620	2,433	2,807	2,152	2,900	2,807	3,836	4,491	5,427		
Stator Rewind + Brgs	T	1,797	2,096	2,396					2,624	3,369	3,971	4,641		
1800 RPM														
Frame Size (Note 1)	T	326T	326T	326T	326TP	365T	364T		405T	445T	444T	444T	444T	
	U	365US	365US	365US	364UP	405U	365US		404US		445US		445US	
	Old/Large Metric	405S	444S	444S	405		444S		444S	504S	444S		505S	
New Motor Price (Premium Efficient)	List	4,983	6,199	6,944	8,894				11,269	15,025	31,263	41,175		
	User	3,084	3,347	3,840	4,572				7,708	10,277	21,384	28,164		
New Motor Price (Energy Efficient)	List				7,103				8,241	10,988	24,108	31,752		
	User				3,651				5,637	7,516	16,490	21,718		
Stator Rewind Price (Without Bearings) (Note 2)	T	1,360	1,632	1,904	1,768	2,040	1,564	2,108	2,040	2,788	3,264	3,944	6,114	
	U/Prem/Met	1,564	1,877	2,190	2,033	2,346	1,799	2,424	2,346	3,206	3,754	4,536	7,031	
	Special	1,700	2,040	2,380	2,210	2,550	1,955	2,635	2,550	3,485	4,080	4,930	7,643	
Stator Rewind + Brgs	T	1,660	1,932	2,204		2,418	1,942		2,551	3,453	3,929	4,609	6,779	
1200 RPM														
Frame Size (Note 1)	T	365T	365T	365T	365TP	404T	365T		405T	445T	449T	449T		
	U	405U	405U	405U	404UP	444U	404U		445U					
	Old/Large Metric	445	445	445	445	504	504		504	505	505S			
New Motor Price (Premium Efficient)	List	7,641	10,167	12,069	14,221				21,087	28,116	63,806	84,038		
	User	4,730	6,293	6,674	8,376				14,424	19,231	43,643	57,482		
New Motor Price (Energy Efficient)	List				11,005	14,089			16,532	22,043				
	User				5,657	8,721			11,308	15,077				
Stator Rewind Price (Without Bearings) (Note 2)	T	1,657	1,988	2,320	2,154	2,486	1,906	2,568	2,486	3,397	3,977	4,805		
	U/Prem/Met	1,906	2,287	2,668	2,477	2,858	2,191	2,954	2,858	3,906	4,573	5,526		
	Special	2,071	2,486	2,900	2,693	3,107	2,382	3,210	3,107	4,246	4,971	6,007		
Stator Rewind + Brgs	T	2,035	2,366	2,698		2,997	2,284		2,997	4,062	4,760	5,588		

Extras		Extras Priced By Frame Size												
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T			
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U	
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M	
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783	942	1,137	
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413	
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696	
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060	
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461	
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505	
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549	
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764	

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

NOTE 3: To Recondition TEFC, Special Motors, or Large Motors use prices shown in table above or 30% of rewind price. See General Information for other recondition adders.



Generators and Metric Motors 30 KW 3-Phase — 60 Hertz — Through 600 Volts

2016 Edition

Extras		Extras Priced By Frame Size											
Nema T Frames	143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T			
Nema U Frames		182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U	
Metric Frames	90	100/12	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M	
Furnish/Install 2 Standard Ball Bearings	92	108	134	167	229	300	378	511	665	783	942	1,137	
Recondition ODP Motor	196	231	281	338	391	483	568	701	856	1,022	1,204	1,413	
Recondition TEFC/Special Motor (Note 3)	235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696	
Dismantle & Reassemble Only	147	173	211	253	294	362	426	526	642	766	903	1,050	
Dynamic Balance Rotor	142	153	168	190	206	228	250	280	307	342	399	451	
Metallize 1 Shaft or Housing Surface	170	178	191	204	221	240	264	290	309	351	430	505	
Bore & Bush 1 End Bracket	204	221	238	273	306	341	383	409	437	471	482	549	
Furnish & Install 9 New Leads	139	156	177	228	285	346	404	451	505	569	658	764	

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Vaughen's® National Average Prices

2016 Edition

Random Wound AC MOTORS 30 HP

Generators and Metric Motors 22 KW
3-Phase — 60 Hertz — Through 600 Volts

		Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
		Open Drip Proof	Fan Cooled	Explos. Proof		Rewind Stator	Rewind Rtr/Flds	Constant Torque		Constant HP		Two Windings	
								One Winding	Two Windings	One Winding	Two Windings	Constant Torque	Constant HP
3600 RPM													
	T	284TS	286TS	286TS	284TP			326TS	286TS	326TS	286TS		
Frame Size	U	324S	326S	326S	286UP			326S		364US			
(Note 1)	Old/Large	364S	404S	404S	364			365S		404S			
	Metric		180M										
New Motor Price	List	3,404	4,288	4,934				8,888	11,851	8,290	10,919		
(Premium Efficient)	User	2,107	2,654	2,729				6,079	8,106	5,670	7,469		
New Motor Price	List				4,437			6,622	8,830	6,537	8,610		
(Energy Efficient)	User				2,281			4,529	6,040	4,471	5,889		
Stator Rewind Price	T	1,039	1,247	1,455	1,351	1,559	1,195	1,559	2,130	2,494	3,013		
(Without Bearings)	U/Prem/Met	1,195	1,434	1,673	1,553	1,792	1,374	1,792	2,449	2,868	3,465		
(Note 2)	Special	1,299	1,559	1,818	1,688	1,948	1,494	1,948	2,662	3,117	3,766		
Stator Rewind + Brgs	T	1,268	1,476	1,684				1,859	2,359	2,794	3,242		
1800 RPM													
	T	286T	286T	286T	286TP	326T	324T	365T	405T	404T	404T	404T	445T
Frame Size	U	326U	326U	326U	324UP	364U	364U	364U		405U		405U	
(Note 1)	Old/Large	365	404	404	365	404	404	404	444	445	504	445	
	Metric		180L										
New Motor Price	List	3,462	4,338	4,298	7,024			7,886	10,514	16,339	21,519		
(Premium Efficient)	User	2,143	2,343	2,377	3,610			5,394	7,192	11,176	14,719		
New Motor Price	List				5,150			6,219	8,291	16,339	21,519		
(Energy Efficient)	User				2,647			4,254	5,671	11,176	14,719		
Stator Rewind Price	T	943	1,132	1,320	1,226	1,415	1,084	1,415	1,933	2,263	2,735	4,466	7,716
(Without Bearings)	U/Prem/Met	1,084	1,301	1,518	1,410	1,627	1,247	1,627	2,223	2,603	3,145	5,136	8,873
(Note 2)	Special	1,179	1,415	1,650	1,532	1,768	1,356	1,768	2,416	2,829	3,418	5,583	9,645
Stator Rewind + Brgs	T	1,172	1,361	1,549		1,715	1,384	1,793	2,444	2,774	3,246	4,977	8,381
1200 RPM													
	T	326T	326T	326T	326TP	326T	326T	365T	405T	445T	445T	444T	
Frame Size	U	365U	365U	365U	364UP	404U	364U	405U				445U	
(Note 1)	Old/Large	405	405	405	405	444	444	444	445	505		505	
	Metric		200L										
New Motor Price	List	4,678	6,753	7,914	9,531			14,001	18,668	47,060	61,981		
(Premium Efficient)	User	2,896	4,180	4,376	5,614			9,577	12,769	32,189	42,395		
New Motor Price	List				7,639	9,817		11,757	15,675				
(Energy Efficient)	User				3,926	6,077		8,042	10,722				
Stator Rewind Price	T	1,150	1,380	1,610	1,495	1,725	1,323	1,725	2,358	2,760	3,335	5,542	
(Without Bearings)	U/Prem/Met	1,323	1,587	1,852	1,719	1,984	1,521	1,984	2,711	3,174	3,835	6,373	
(Note 2)	Special	1,438	1,725	2,013	1,869	2,156	1,653	2,156	2,947	3,450	4,169	6,928	
Stator Rewind + Brgs	T	1,450	1,680	1,910		2,025	1,623	2,103	2,869	3,425	4,000	6,207	

Extras		Extras Priced By Frame Size											
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T		
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783	942	1,137
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

NOTE 3: To Recondition TEFC, Special Motors, or Large Motors use prices shown in table above or 30% of rewind price. See General Information for other recondition adders.

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A2-27



Vaughen's® National Average Prices
2016 Edition

Random Wound AC MOTORS 25 HP

Generators and Metric Motors 18.5 KW
3-Phase — 60 Hertz — Through 600 Volts

		Open Drip Proof	Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
			Fan Cooled	Explos. Proof			Rewind Stator	Rewind Rtr/Flds	Constant Torque		Constant HP		Two Windings	
3600 RPM									One Winding	Two Windings	One Winding	Two Windings	Constant Torque	Constant HP
	T	256T	284TS	284TS	256TP				324TS	284TS	324TS	284TS		
Frame Size	U	286U	324U	324U	284UP				324U		326U			
(Note 1)	Old/Large	364S	365S	365S	364				364S		364S			
	Metric		160L											
New Motor Price	List	2,884	3,609	4,208					7,474	9,966	6,984	9,199		
(Premium Efficient)	User	1,785	2,234	2,327					5,112	6,817	4,777	6,292		
New Motor Price	List				4,052				6,330	8,440	5,535	7,290		
(Energy Efficient)	User				2,083				4,330	5,773	3,786	4,986		
Stator Rewind Price	T	900	1,080	1,260	1,170	1,350	1,035	1,395	1,350	1,845	2,160	2,610		
(Without Bearings)	U/Prem/Met	1,035	1,242	1,449	1,346	1,553	1,190	1,604	1,553	2,122	2,484	3,002		
(Note 2)	Special	1,125	1,350	1,575	1,463	1,688	1,294	1,744	1,688	2,306	2,700	3,263		
Stator Rewind + Brgs	T	1,067	1,309	1,489					1,650	2,074	2,460	2,839		
1800 RPM														
	T	284T	284T	284T	284TP	286T	286T		364T	404T	365T	365T	365T	444T
Frame Size	U	324U	324U	324U	286UP	326U	326U		326U		404U		365U	505
(Note 1)	Old/Large	364	365	365	364	365	365		404	405	444	445	444	505
	Metric		180M											
New Motor Price	List	3,166	3,657	3,685	6,456				6,644	8,858	14,192	18,692		
(Premium Efficient)	User	1,960	1,975	2,038	3,318				4,545	6,059	9,707	12,785		
New Motor Price	List				4,582				5,265	7,020	14,192	18,692		
(Energy Efficient)	User				2,355				3,601	4,802	9,707	12,785		
Stator Rewind Price	T	819	983	1,147	1,065	1,229	942	1,269	1,229	1,679	1,966	2,375	3,656	6,114
(Without Bearings)	U/Prem/Met	942	1,130	1,319	1,224	1,413	1,083	1,460	1,413	1,931	2,260	2,731	4,204	7,031
(Note 2)	Special	1,024	1,229	1,433	1,331	1,536	1,177	1,587	1,536	2,099	2,457	2,969	4,570	7,643
Stator Rewind + Brgs	T	1,048	1,212	1,376		1,458	1,171		1,607	2,190	2,344	2,753	4,034	6,779
1200 RPM														
	T	324T	324T	324T	324TP	324T	324T		364T	404T	445T	445T	405T	
Frame Size	U	364U	364U	364U	326UP	365U	364U		404U		445U		444U	
(Note 1)	Old/Large	404	404	404	404	405	405		444	444	504			
	Metric		200LT											
New Motor Price	List	4,485	5,845	6,707	8,538				12,119	16,159	40,955	53,941		
(Premium Efficient)	User	2,776	3,618	3,709	5,029				8,289	11,053	28,013	36,896		
New Motor Price	List				6,690	8,096			9,692	12,922				
(Energy Efficient)	User				3,439	5,011			6,629	8,839				
Stator Rewind Price	T	1,000	1,200	1,400	1,300	1,500	1,150	1,550	1,500	2,050	2,400	2,900	4,442	
(Without Bearings)	U/Prem/Met	1,150	1,380	1,610	1,495	1,725	1,323	1,783	1,725	2,358	2,760	3,335	5,108	
(Note 2)	Special	1,250	1,500	1,750	1,625	1,875	1,438	1,938	1,875	2,563	3,000	3,625	5,553	
Stator Rewind + Brgs	T	1,300	1,500	1,700		1,800	1,450		1,878	2,561	3,065	3,565	4,953	

Extras		Extras Priced By Frame Size											
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T		
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783	942	1,137
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

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Vaughen's® National Average Prices

2016 Edition

Random Wound AC MOTORS 20 HP

Generators and Metric Motors 15 KW
3-Phase — 60 Hertz — Through 600 Volts

		Open Drip Proof	Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
			Fan Cooled	Explos. Proof			Rewind Stator	Rewind Rtr/Flds	Constant Torque One Winding	Two Windings	Constant HP One Winding	Two Windings	Constant Torque	Constant HP
3600 RPM														
Frame Size (Note 1)	T	254T	256T	256T	254TP				286TS	256T	286TS	256T		
	U	284U	286U	286U	256UP				286U		324U			
	Old/Large Metric	326	326	326	326				326		364			
New Motor Price (Premium Efficient)	List	2,402	2,766	3,487					5,731	7,641	5,336	7,028		
	User	1,487	1,712	1,928					3,920	5,226	3,650	4,807		
New Motor Price (Energy Efficient)	List				3,831				4,974	6,633	4,473	5,891		
	User				1,969				3,402	4,537	3,060	4,029		
Stator Rewind Price (Without Bearings) (Note 2)	T	790	948	1,106	1,027	1,185	909	1,225	1,185	1,620	1,896	2,291		
	U/Prem/Met	909	1,090	1,272	1,181	1,363	1,045	1,408	1,363	1,862	2,180	2,635		
	Special	988	1,185	1,383	1,284	1,481	1,136	1,531	1,481	2,024	2,370	2,864		
Stator Rewind + Brgs	T	957	1,115	1,273					1,414	1,787	2,125	2,458		
1800 RPM														
Frame Size (Note 1)	T	256T	256T	256T	256TP	284T	284T		326T	365T	364T	364T	364T	405T
	U	286U	286U	286U	284UP	324U	324U		324U		365U		365U	504U
	Old/Large Metric	364	364	364	364	364	364		365	404	405	444	405	504
New Motor Price (Premium Efficient)	List	2,597	2,796	3,122	5,728				5,076	6,768	11,980	15,779		
	User	1,608	1,510	1,726	2,944				3,472	4,629	8,194	10,793		
New Motor Price (Energy Efficient)	List				4,108				4,255	5,673	11,980	15,779		
	User				2,112				2,910	3,880	8,194	10,793		
Stator Rewind Price (Without Bearings) (Note 2)	T	717	860	1,004	932	1,076	825	1,111	1,076	1,470	1,721	2,079	3,132	5,274
	U/Prem/Met	825	989	1,154	1,072	1,237	948	1,278	1,237	1,690	1,979	2,391	3,602	6,065
	Special	896	1,076	1,255	1,165	1,344	1,031	1,389	1,344	1,837	2,151	2,599	3,915	6,593
Stator Rewind + Brgs	T	884	1,027	1,171		1,305	1,054		1,376	1,848	2,099	2,457	3,510	5,785
1200 RPM														
Frame Size (Note 1)	T	286T	286T	286T	286TP	286T	286T		326T	365T	405T	405T	404T	
	U	326U	326U	326U	324UP	364U	326U		365U		444U		405U	
	Old/Large Metric	365	365	365	365	404	404		405	444	445	504	445	
New Motor Price (Premium Efficient)	List	3,713	5,166	5,593					10,711	14,282	37,681	49,629		
	User	2,298	3,198	3,093					7,326	9,769	25,774	33,946		
New Motor Price (Energy Efficient)	List				5,798	6,709			8,032	10,709				
	User				2,980	4,153			5,494	7,325				
Stator Rewind Price (Without Bearings) (Note 2)	T	906	1,087	1,268	1,178	1,359	1,042	1,404	1,359	1,857	2,174	2,627	3,788	
	U/Prem/Met	1,042	1,250	1,459	1,354	1,563	1,198	1,615	1,563	2,136	2,501	3,022	4,356	
	Special	1,133	1,359	1,586	1,472	1,699	1,302	1,755	1,699	2,322	2,718	3,284	4,735	
Stator Rewind + Brgs	T	1,135	1,316	1,497		1,588	1,271		1,659	2,235	2,685	3,138	4,299	

Extras		Extras Priced By Frame Size											
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T		
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	655	783	942	1,137
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,686
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

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Vaughen's® National Average Prices
2016 Edition

Random Wound AC MOTORS 15 HP

Generators and Metric Motors 11 KW
3-Phase — 60 Hertz — Through 600 Volts

		Open Drip Proof	Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
			Fan Cooled	Explos. Proof			Rewind Stator	Rewind Rtr/Flds	Constant Torque		Constant HP		Two Windings	
									One Winding	Two Windings	One Winding	Two Windings	Constant Torque	Constant HP
3600 RPM														
Frame Size (Note 1)	T	215T	254T	254T	215TP				284TS	254T	284TS	254T		
	U	256U	256U	256U	254UP				284U		286U			
	Old/Large	324	324	324	324				324		326			
	Metric		160M						160M					
New Motor Price (Premium Efficient)	List	2,045	2,520	2,817					5,218	6,958	4,401	5,797		
	User	1,266	1,560	1,558					3,569	4,759	3,010	3,965		
New Motor Price (Energy Efficient)	List								4,528	6,037	3,702	4,876		
	User								3,097	4,129	2,532	3,335		
Stator Rewind Price (Without Bearings) (Note 2)	T	688	826	963	894	1,032	791	1,066	1,032	1,410	1,651	1,995		
	U/Prem/Met	791	949	1,108	1,029	1,187	910	1,226	1,187	1,622	1,899	2,294		
	Special	860	1,032	1,204	1,118	1,290	989	1,333	1,290	1,763	2,064	2,494		
Stator Rewind + Brgs	T	822	993	1,130					1,261	1,577	1,880	2,162		
1800 RPM														
Frame Size (Note 1)	T	254T	254T	254T	254TP	256T	256T		324T	364T	326T	326T	326T	404T
	U	284U	284U	284U	256UP	284U	284U		286U		364U		364U	
	Old/Large	326	326	326	326	326	326		364	365	404	405	404	445
	Metric		160M						180M	180M				
New Motor Price (Premium Efficient)	List	2,253	2,306	2,533	5,226				4,187	5,582	10,123	13,333		
	User	1,395	1,245	1,401	2,686				2,864	3,818	6,924	9,120		
New Motor Price (Energy Efficient)	List				3,606				3,522	4,696	10,123	13,333		
	User				1,853				2,409	3,212	6,924	9,120		
Stator Rewind Price (Without Bearings) (Note 2)	T	625	750	875	813	938	719	969	938	1,281	1,500	1,813	2,720	4,466
	U/Prem/Met	719	863	1,006	934	1,078	827	1,114	1,078	1,473	1,725	2,084	3,128	5,136
	Special	781	938	1,094	1,016	1,172	898	1,211	1,172	1,602	1,875	2,266	3,400	5,583
Stator Rewind + Brgs	T	792	917	1,042		1,105	886		1,238	1,659	1,800	2,113	3,020	4,977
1200 RPM														
Frame Size (Note 1)	T	284T	284T	284T	284TP	284T	284T		324T	364T	404T	404T	365T	
	U	324U	324U	324U	286UP	324U	324U		364U		405U		404U	
	Old/Large	364	364	364	364	365	365		404	405	444	445	444	
	Metric		160L											
New Motor Price (Premium Efficient)	List	3,051	3,880	4,617					8,044	10,725	27,896	36,742		
	User	1,889	2,402	2,553					5,502	7,336	19,081	25,132		
New Motor Price (Energy Efficient)	List				4,822	5,553			6,646	8,861				
	User				2,479	3,437			4,546	6,061				
Stator Rewind Price (Without Bearings) (Note 2)	T	803	964	1,124	1,044	1,205	923	1,245	1,205	1,646	1,927	2,329	3,314	
	U/Prem/Met	923	1,108	1,293	1,200	1,385	1,062	1,431	1,385	1,893	2,216	2,678	3,811	
	Special	1,004	1,205	1,405	1,305	1,506	1,154	1,556	1,506	2,058	2,409	2,911	4,143	
Stator Rewind + Brgs	T	1,032	1,193	1,353		1,434	1,152		1,505	2,024	2,438	2,840	3,692	

Extras		Extras Priced By Frame Size												
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T			
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U	
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M	
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783	942	1,137	
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413	
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696	
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060	
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461	
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505	
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549	
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764	

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

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Vaughen's® National Average Prices
2016 Edition

Random Wound AC MOTORS 10 HP

Generators and Metric Motors 7.5 KW
3-Phase — 60 Hertz — Through 600 Volts

		Open Drip Proof	Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
			Fan Cooled	Explos. Proof			Rewind Stator	Rewind Rtr/Flds	Constant Torque		Constant HP		Two Windings	
									One Winding	Two Windings	One Winding	Two Windings	Constant Torque	Constant HP
3600 RPM														
Frame Size (Note 1)	T	213T	215T	215T	215TP				256T	215T	256T	215T		
	U	254U	254U	254U	215P				256U		284U			
	Old/Large	284	284	284	284				284		324			
	Metric		132S						132M					
New Motor Price (Premium Efficient)	List	1,440	1,830	2,027					3,789	5,052	3,672	4,836		
	User	891	1,133	1,121					2,592	3,456	2,512	3,308		
New Motor Price (Energy Efficient)	List								3,467	4,623	3,161	4,163		
	User								2,371	3,162	2,162	2,847		
Stator Rewind Price (Without Bearings) (Note 2)	T	566	679	792	736	849	651	877	849	1,160	1,358	1,641		
	U/Prem/Met	651	781	911	846	976	749	1,009	976	1,334	1,562	1,888		
	Special	708	849	991	920	1,061	814	1,097	1,061	1,450	1,698	2,052		
Stator Rewind + Brgs	T	700	813	926					1,016	1,294	1,525	1,775		
1800 RPM														
Frame Size (Note 1)	T	215T	215T	215T	215TP	215T	254T		286T	326T	324T	324T	324T	365T
	U	256U	256U	256U	254UP	256U	256U		284U		324U		326U	
	Old/Large	324	324	324	324	324	324		324	326	365	404	365	444
	Metric		132M						160L	160M				
New Motor Price (Premium Efficient)	List	1,672	1,497	1,889					3,492	4,657	7,571	9,971		
	User	903	808	1,045					2,389	3,185	5,179	6,820		
New Motor Price (Energy Efficient)	List								3,007	4,009	7,571	9,971		
	User								2,057	2,742	5,179	6,820		
Stator Rewind Price (Without Bearings) (Note 2)	T	513	616	718	667	770	590	795	770	1,052	1,231	1,488	2,278	3,656
	U/Prem/Met	590	708	826	767	885	678	914	885	1,209	1,416	1,711	2,620	4,204
	Special	641	770	898	834	962	737	994	962	1,315	1,539	1,860	2,848	4,570
Stator Rewind + Brgs	T	647	750	852		904	757		999	1,352	1,531	1,788	2,578	4,034
1200 RPM														
Frame Size (Note 1)	T	256T	256T	256T	256TP	256T	256T		286T	326T	365T	365T	364T	
	U	284U	284U	284U	256UP	286U	284U		326U		365U		365U	
	Old/Large	326	326	326	326	326	326		365	404	405	444	405	
	Metric		160M											
New Motor Price (Premium Efficient)	List	2,263	2,909	3,368					6,027	8,037	22,802	30,032		
	User	1,401	1,801	1,863					4,122	5,497	15,597	20,542		
New Motor Price (Energy Efficient)	List				4,136	3,482			4,319	5,759				
	User				2,126	2,155			2,954	3,939				
Stator Rewind Price (Without Bearings) (Note 2)	T	670	804	938	871	1,005	771	1,039	1,005	1,374	1,608	1,943	2,744	
	U/Prem/Met	771	925	1,079	1,002	1,156	886	1,194	1,156	1,580	1,849	2,234	3,156	
	Special	838	1,005	1,173	1,089	1,256	963	1,298	1,256	1,717	2,010	2,429	3,430	
Stator Rewind + Brgs	T	837	971	1,105		1,172	938		1,234	1,674	1,986	2,321	3,122	

Extras	Extras Priced By Frame Size											
Nema T Frames	143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T		
Nema U Frames		182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U
Metric Frames	90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M
Furnish/Install 2 Standard Ball Bearings	92	108	134	167	229	300	378	511	665	783	942	1,137
Recondition ODP Motor	196	231	281	338	391	483	568	701	856	1,022	1,204	1,413
Recondition TEFC/Special Motor (Note 3)	235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696
Dismantle & Reassemble Only	147	173	211	253	294	362	426	526	642	766	903	1,060
Dynamic Balance Rotor	142	153	168	190	206	228	250	280	307	342	399	461
Metallize 1 Shaft or Housing Surface	170	178	191	204	221	240	264	290	309	351	430	505
Bore & Bush 1 End Bracket	204	221	238	273	306	341	383	409	437	471	482	549
Furnish & Install 9 New Leads	139	156	177	228	285	346	404	451	505	569	658	764

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

NOTE 3: To Recondition TEFC, Special Motors, or Large Motors use prices shown in table above or 30% of rewind price. See General Information for other recondition adders.



Vaughen's® National Average Prices
2016 Edition

AC MOTORS 7½ HP

Generators and Metric Motors 5.5 KW
3-Phase — 60 Hertz — Through 600 Volts

		Totally Enclosed			Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
		Open Drip Proof	Fan Cooled	Explos. Proof		Rewind Stator	Rewind Rtr/Flds	Constant Torque		Constant HP		Two Windings	
								One Winding	Two Windings	One Winding	Two Windings	Constant Torque	Constant HP
3600 RPM													
Frame Size (Note 1)	T	184T	213T	213T	213TP			254T	213T	254T	213T		
	U	215	215	215	213P			254U		256U			
	Old/Large	254	254	254	254			254		284			
New Motor Price (Premium Efficient)	Metric		112MG					132S					
	List	1,259	1,561	1,730				3,229	4,306	3,268	4,304		
	User	779	966	957				2,209	2,945	2,235	2,944		
New Motor Price (Energy Efficient)	List							2,888	3,851	2,934	3,864		
	User							1,975	2,634	2,007	2,643		
Stator Rewind Price (Without Bearings) (Note 2)	T	479	575	671	623	719	551	719	982	1,150	1,389		
	U/Prem/Met	551	661	771	716	826	633	826	1,129	1,322	1,597		
	Special	599	719	838	778	898	689	898	1,227	1,437	1,736		
Stator Rewind + Brgs	T	587	709	805				886	1,116	1,317	1,523		
1800 RPM													
Frame Size (Note 1)	T	213T	213T	213T	213TP	213T	215T	284T	324T	286T	286T	286T	364T
	U	254U	254U	254U	215P	254U	254U	256U		286U		324U	405
	Old/Large	284	284	284	284	284	284	284	324	326	365	326	405
New Motor Price (Premium Efficient)	Metric		132S					132M	160M				
	List	1,381	1,326	1,564				3,108	4,144	7,720	10,168		
	User	746	716	865				2,126	2,835	5,280	6,955		
New Motor Price (Energy Efficient)	List							2,790	3,721	7,720	10,168		
	User							1,908	2,545	5,280	6,955		
Stator Rewind Price (Without Bearings) (Note 2)	T	437	524	612	568	656	503	656	895	1,049	1,267	1,886	3,132
	U/Prem/Met	503	603	704	653	754	578	754	1,030	1,206	1,457	2,169	3,602
	Special	546	656	765	710	819	628	819	1,120	1,311	1,584	2,358	3,915
Stator Rewind + Brgs	T	571	658	746		790	637	885	1,196	1,278	1,496	2,115	3,510
1200 RPM													
Frame Size (Note 1)	T	254T	254T	254T	254TP	254T	254T	284T	324T	364T	364T	326T	
	U	256U	256U	256U	254UP	284U	256U	324U		364U		364U	
	Old/Large	324	324	324	324	324	324	364	365	404	405	404	
New Motor Price (Premium Efficient)	Metric		132M										
	List	1,739	2,549	2,788				5,277	7,036	17,669	23,271		
	User	1,076	1,578	1,542				3,609	4,813	12,086	15,917		
New Motor Price (Energy Efficient)	List				3,657	3,127		3,881	5,174				
	User				1,880	1,936		2,655	3,539				
Stator Rewind Price (Without Bearings) (Note 2)	T	587	704	822	763	881	675	881	1,203	1,409	1,702	2,300	
	U/Prem/Met	675	810	945	878	1,013	776	1,013	1,384	1,620	1,958	2,645	
	Special	734	881	1,027	954	1,101	844	1,101	1,504	1,761	2,128	2,875	
Stator Rewind + Brgs	T	754	871	989		1,048	842	1,110	1,503	1,787	2,080	2,600	

Extras		Extras Priced By Frame Size											
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T		
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783	942	1,137
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

NOTE 3: To Recondition TEFC, Special Motors, or Large Motors use prices shown in table above or 30% of rewind price. See General Information for other recondition adders.



Vaughen's® National Average Prices
2016 Edition

Random Wound AC MOTORS 5 HP

Generators and Metric Motors 4 KW
3-Phase — 60 Hertz — Through 600 Volts

		Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
		Open Drip Proof	Fan Cooled	Explos. Proof		Rewind Stator	Rewind Rtr/Flds	Constant Torque		Constant HP		Two Windings	
								One Winding	Two Windings	One Winding	Two Windings	Constant Torque	Constant HP
3600 RPM													
Frame Size	T	182T	184T	184T	184TP			215T	184T	215T	184T		
(Note 1)	U	213	213	213	213P			215		254U			
	Old/Large	225	225	225	225			225		254			
	Metric		112M					100L					
New Motor Price	List	794	1,349	1,400				2,789	3,718	2,450	3,227		
(Premium Efficient)	User	491	835	774				1,908	2,543	1,676	2,207		
New Motor Price	List							2,533	3,377	2,200	2,897		
(Energy Efficient)	User							1,733	2,310	1,505	1,982		
Stator Rewind Price	T	455	546	637	592	683	523	705	683	933	1,092	1,320	
(Without Bearings)	U/Prem/Met	523	628	733	680	785	602	811	785	1,073	1,256	1,517	
(Note 2)	Special	569	683	796	739	853	654	882	853	1,166	1,365	1,649	
Stator Rewind + Brgs	T	563	654	745					817	1,041	1,226	1,428	
1800 RPM													
Frame Size	T	184T	184T	184T	184TP	184T	215T	256T	286T	284T	284T	256T	326T
(Note 1)	U	215	215	215	213P	215	215	254U		284U		286U	404
	Old/Large	254	254	254	254	254	254	284	284	324	326	324	404
	Metric		112M					132S	132M				
New Motor Price	List	940	919	1,147				2,330	3,107	7,003	9,223		
(Premium Efficient)	User	508	496	634				1,594	2,125	4,790	6,309		
New Motor Price	List							2,092	2,790	7,003	9,223		
(Energy Efficient)	User							1,431	1,908	4,790	6,309		
Stator Rewind Price	T	413	496	578	537	620	475	640	620	847	991	1,198	1,434
(Without Bearings)	U/Prem/Met	475	570	665	617	712	546	736	712	974	1,140	1,377	1,649
(Note 2)	Special	516	620	723	671	774	594	800	774	1,058	1,239	1,497	1,793
Stator Rewind + Brgs	T	521	604	686		728	609		787	1,076	1,220	1,427	1,601
1200 RPM													
Frame Size	T	215T	215T	215T	210TP	215T	215T	256T	286T	326T	326T	324T	
(Note 1)	U	254U	254U	254U	215P	254U	254U	286U		326U		326U	
	Old/Large	284	284	284	284	284	284	326	326	365	404	365	
	Metric		132M						160M				
New Motor Price	List	1,451	1,788	2,152				3,701	4,935	14,168	18,660		
(Premium Efficient)	User	898	1,107	1,190				2,531	3,376	9,691	12,763		
New Motor Price	List					2,565		3,179	4,238				
(Energy Efficient)	User					1,588		2,174	2,899				
Stator Rewind Price	T	500	600	700	650	750	575	775	750	1,025	1,200	1,450	2,000
(Without Bearings)	U/Prem/Met	575	690	805	748	863	661	891	863	1,179	1,380	1,668	2,300
(Note 2)	Special	625	750	875	813	938	719	969	938	1,281	1,500	1,813	2,500
Stator Rewind + Brgs	T	634	734	834		884	709		917	1,254	1,500	1,750	2,300

Extras		Extras Priced By Frame Size											
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T		
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783	942	1,137
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461
Metalize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

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Vaughen's® National Average Prices
2016 Edition

Random Wound AC MOTORS 3 HP

Generators and Metric Motors 2.2 KW
3-Phase — 60 Hertz — Through 600 Volts

		Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors		4 Speed Motors	
		Open Drip Proof	Fan Cooled	Explos. Proof		Rebuild Stator	Rewind Rtr/Flds	Constant Torque One Winding	Constant HP Two Windings	Constant Torque	Constant HP
3600 RPM											
Frame Size	T	145T	182T	182T	182TP			213T	182T	213T	182T
(Note 1)	U		184	184	213P			213		215	
	Old/Large	224	224	224	224			224		225	
	Metric		90L					100L	112M		
New Motor Price	List	727	1,096	1,116				2,266	3,021	2,321	3,056
(Premium Efficient)	User	450	678	617				1,550	2,066	1,588	2,090
New Motor Price	List							2,048	2,730	1,888	2,487
(Energy Efficient)	User							1,401	1,867	1,291	1,701
Stator Rewind Price	T	437	524	612	568	656	503	677	656	896	1,049
(Without Bearings)	U/Prem/Met	503	603	704	653	754	578	779	754	1,030	1,206
(Note 2)	Special	546	656	765	710	819	628	847	819	1,120	1,311
Stator Rewind + Brgs	T	529	632	720					790	1,004	1,183
1800 RPM											
Frame Size	T	182T	182T	182T	215TP	182T	215T	254T	284T	256T	256T
(Note 1)	U	213	213	213	213P	213	213	215		256U	324T
	Old/Large	225	225	225	225	225	225	254	254	284	324
	Metric		100L					112M	112M		
New Motor Price	List	858	840	986				2,207	2,943	4,381	5,770
(Premium Efficient)	User	463	454	545				1,510	2,013	2,997	3,947
New Motor Price	List							1,796	2,395	4,381	5,770
(Energy Efficient)	User							1,228	1,638	2,997	3,947
Stator Rewind Price	T	413	496	578	537	620	475	640	620	847	991
(Without Bearings)	U/Prem/Met	475	570	665	617	712	546	736	712	974	1,140
(Note 2)	Special	516	620	723	671	774	594	800	774	1,058	1,239
Stator Rewind + Brgs	T	521	604	686		728	609		787	1,076	1,158
1200 RPM											
Frame Size	T	213T	213T	213T	210TP	213T	215T	254T	284T	324T	324T
(Note 1)	U	215	215	215	213P	215	215	256U		324U	286U
	Old/Large	254	254	254	254	254	254	284	324	326	365
	Metric		112L						132M		
New Motor Price	List	1,107	1,541	1,503				3,186	4,248	15,652	20,615
(Premium Efficient)	User	685	954	831				2,179	2,906	10,706	14,101
New Motor Price	List					2,314		2,870	3,827		
(Energy Efficient)	User					1,432		1,963	2,618		
Stator Rewind Price	T	421	505	589	547	632	484	653	632	863	1,010
(Without Bearings)	U/Prem/Met	484	581	678	629	726	557	750	726	993	1,162
(Note 2)	Special	526	632	737	684	789	605	816	789	1,079	1,263
Stator Rewind + Brgs	T	555	639	723		766	618		799	1,092	1,310

Extras		Extras Priced By Frame Size									
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U	
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M	
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

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Vaughen's® National Average Prices
2016 Edition

Random Wound AC MOTORS 2 HP

Generators and Metric Motors 1.5 KW
3-Phase — 60 Hertz — Through 600 Volts

2016 Edition

3600 RPM		Open Drip Proof	Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
			Fan Cooled	Explos. Proof			Rewind Stator	Rewind Rtr/Flds	Constant Torque		Constant HP		Two Windings	
									One Winding	Two Windings	One Winding	Two Windings	Constant Torque	Constant HP
Frame Size	T	143T	145T	145T					184T	145T	184T	145T		
(Note 1)	U							184			213			
	Old/Large	204	204	204	204			204			224			
	Metric		80L					90L	100L					
New Motor Price	List	718	1,014	998				1,958	2,610	2,155	2,838			
(Premium Efficient)	User	444	628	552				1,339	1,785	1,474	1,941			
New Motor Price	List							1,714	2,285	1,642	2,163			
(Energy Efficient)	User							1,172	1,563	1,123	1,479			
Stator Rewind Price	T	416	499	582	541	624	478	645	624	853	998	1,206		
(Without Bearings)	U/Prem/Met	478	574	670	622	718	550	742	718	981	1,148	1,387		
(Note 2)	Special	520	624	728	676	780	598	806	780	1,066	1,248	1,508		
Stator Rewind + Brgs	T	508	591	674					732	945	1,106	1,298		
1800 RPM														
Frame Size	T	145T	145T	145T			215T		184T	215T	254T	254T	215T	284T
(Note 1)	U					184	213		213		254U		254U	
	Old/Large	224	224	224	224	224	224		225	225	254	284	284	326
	Metric		90L						112M	112M				
New Motor Price	List	796	761	886					2,049	2,733	4,024	5,300		
(Premium Efficient)	User	430	411	490					1,402	1,869	2,752	3,625		
New Motor Price	List								1,562	2,083	4,024	5,300		
(Energy Efficient)	User								1,068	1,425	2,752	3,625		
Stator Rewind Price	T	413	496	578	537	620	475	640	620	847	991	1,198	1,026	1,638
(Without Bearings)	U/Prem/Met	475	570	665	617	712	546	736	712	974	1,140	1,377	1,180	1,884
(Note 2)	Special	516	620	723	671	774	594	800	774	1,058	1,239	1,497	1,283	2,048
Stator Rewind + Brgs	T	505	588	670			609		728	981	1,158	1,365	1,160	1,867
1200 RPM														
Frame Size	T	184T	184T	184T	210TP	184T	215T		215T	256T	286T	286T	256T	
(Note 1)	U	213	213	213	213P	213	215		254U		284U		284U	
	Old/Large	225	225	225	225	225	225		254	284	324	326	324	
	Metric		100L							112M				
New Motor Price	List	870	1,237	1,216					2,556	3,409	12,187	16,052		
(Premium Efficient)	User	539	766	672					1,748	2,332	8,336	10,980		
New Motor Price	List								2,188	2,917				
(Energy Efficient)	User								1,497	1,995				
Stator Rewind Price	T	413	496	578	537	620	475	640	620	847	991	1,198	1,340	
(Without Bearings)	U/Prem/Met	475	570	665	617	712	546	736	712	974	1,140	1,377	1,541	
(Note 2)	Special	516	620	723	671	774	594	800	774	1,058	1,239	1,497	1,675	
Stator Rewind + Brgs	T	521	604	686		728	609		754	1,014	1,220	1,427	1,507	

Extras		Extras Priced By Frame Size											
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T		
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783	942	1,137
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

NOTE 3: To Recondition TEFC, Special Motors, or Large Motors use prices shown in table above or 30% of rewind price. See General Information for other recondition adders.



Vaughen's® National Average Prices
2016 Edition

AC MOTORS 1½ HP

Generators and Metric Motors 1.1 KW
3-Phase — 60 Hertz — Through 600 Volts

		Totally Enclosed			Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
		Open Drip Proof	Fan Cooled	Explos. Proof		Rewind Stator	Rewind Rtr/Flds	Constant Torque One Winding	Two Windings	Constant HP One Winding	Two Windings	Constant Torque	Constant HP
3600 RPM													
Frame Size	T	143T	143T	143T				182T	143T	184T	145T		
(Note 1)	U							184		184			
	Old/Large	203	203	203	203			203		204			
	Metric		80L					80	90L				
New Motor Price	List	612	966	840				1,724	2,298	2,054	2,705		
(Premium Efficient)	User	379	598	465				1,179	1,572	1,405	1,850		
New Motor Price	List							1,519	2,025	1,515	1,995		
(Energy Efficient)	User							1,039	1,385	1,036	1,365		
Stator Rewind Price	T	416	499	582	541	624	478	624	853	998	1,206		
(Without Bearings)	U/Prem/Met	478	574	670	622	718	550	718	981	1,148	1,387		
(Note 2)	Special	520	624	728	676	780	598	780	1,066	1,248	1,508		
Stator Rewind + Brgs	T	508	591	674				732	945	1,106	1,298		
1800 RPM													
Frame Size	T	145T	145T	145T			215T	184T	215T	215T	215T	213T	284T
(Note 1)	U						213	184		215		215U	
	Old/Large	204	204	204	204	204	204	224	224	254	254	254	324
	Metric		90S					100L	100L				
New Motor Price	List	743	734	808				1,954	2,605	4,024	5,300		
(Premium Efficient)	User	401	396	447				1,337	1,782	2,752	3,625		
New Motor Price	List							1,441	1,921	3,169	4,174		
(Energy Efficient)	User							986	1,314	2,168	2,855		
Stator Rewind Price	T	413	496	578	537	620	475	620	847	991	1,198	874	1,638
(Without Bearings)	U/Prem/Met	475	570	665	617	712	546	712	974	1,140	1,377	1,005	1,884
(Note 2)	Special	516	620	723	671	774	594	774	1,058	1,239	1,497	1,093	2,048
Stator Rewind + Brgs	T	505	588	670			609	728	981	1,125	1,332	1,008	1,867
1200 RPM													
Frame Size	T	182T	182T	182T		182T	215T	213T	254T	284T	284T	254T	
(Note 1)	U	184	184	184		184	213	213		256U		256U	
	Old/Large	224	224	224	224	224	224	254	254	284	324	284	
	Metric		90L						112M				
New Motor Price	List	851	1,217	1,093				2,516	3,354	10,322	13,595		
(Premium Efficient)	User	527	753	604				1,721	2,294	7,060	9,299		
New Motor Price	List							2,044	2,725				
(Energy Efficient)	User							1,398	1,864				
Stator Rewind Price	T	413	496	578	537	620	475	620	847	991	1,198	1,174	
(Without Bearings)	U/Prem/Met	475	570	665	617	712	546	712	974	1,140	1,377	1,350	
(Note 2)	Special	516	620	723	671	774	594	774	1,058	1,239	1,497	1,468	
Stator Rewind + Brgs	T	521	604	686		728	609	754	1,014	1,220	1,427	1,341	

Extras		Extras Priced By Frame Size											
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T		
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783	942	1,137
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

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Vaughen's® National Average Prices
2016 Edition

Random Wound AC MOTORS 1 HP

Generators and Metric Motors .75 KW
3-Phase — 60 Hertz — Through 600 Volts

2016 Edition		Open Drip Proof	Totally Enclosed		Vertical	Design D High Slip	Wound Rotor Motor or AC Generator		Two Speed Motors				4 Speed Motors	
			Fan Cooled	Explos. Proof			Rewind Stator	Rewind Rtr/Flds	Constant Torque		Constant HP		Two Windings	
									One Winding	Two Windings	One Winding	Two Windings	Constant Torque	Constant HP
3600 RPM														
Frame Size	T	143T	143T	143T					182T	143T	182T	143T		
(Note 1)	U										182			
	Old/Large								80	90L				
	Metric		80L						1,724	2,298	1,986	2,616		
New Motor Price	List	548	641	1,117					1,179	1,572	1,358	1,789		
(Premium Efficient)	User	339	397	764					1,519	2,025	1,486	1,958		
New Motor Price	List								1,039	1,385	1,016	1,339		
(Energy Efficient)	User								624	853	998	1,206		
Stator Rewind Price	T	416	499	582	541	624	478	645	718	981	1,148	1,387		
(Without Bearings)	U/Prem/Met	478	574	670	622	718	550	742	780	1,066	1,248	1,508		
(Note 2)	Special	520	624	728	676	780	598	806	732	945	1,106	1,298		
Stator Rewind + Brgs	T	508	591	674										
1800 RPM														
Frame Size	T	143T	143T	143T					182T	213T	213T	213T	213T	
(Note 1)	U					182	213		184		213		215U	
	Old/Large	203	203	203	203	203	203		204	224	225	254	254	
	Metric		80L						90S	90L				
New Motor Price	List	711	706	729					1,890	2,519	4,024	5,300		
(Premium Efficient)	User	384	381	403					1,293	1,723	2,752	3,625		
New Motor Price	List								1,414	1,885	2,679	3,529		
(Energy Efficient)	User								967	1,289	1,832	2,414		
Stator Rewind Price	T	413	496	578	537	620	475	640	620	847	991	1,198	874	
(Without Bearings)	U/Prem/Met	475	570	665	617	712	546	736	712	974	1,140	1,377	1,005	
(Note 2)	Special	516	620	723	671	774	594	800	774	1,058	1,239	1,497	1,093	
Stator Rewind + Brgs	T	505	588	670					728	981	1,125	1,332	1,008	
1200 RPM														
Frame Size	T	145T	145T	145T					184T	215T	256T	256T		
(Note 1)	U					184	213		213		254U			
	Old/Large	204	204	204	204	204	204		225	254	254	284		
	Metric		90S							100L				
New Motor Price	List	727	1,023	991					2,112	2,816	7,062	9,302		
(Premium Efficient)	User	450	633	548					1,445	1,926	4,830	6,363		
New Motor Price	List								1,866	2,488				
(Energy Efficient)	User								1,276	1,702				
Stator Rewind Price	T	413	496	578	537	620	475	640	620	847	991	1,198		
(Without Bearings)	U/Prem/Met	475	570	665	617	712	546	736	712	974	1,140	1,377		
(Note 2)	Special	516	620	723	671	774	594	800	774	1,058	1,239	1,497		
Stator Rewind + Brgs	T	505	588	670					728	981	1,158	1,365		

Extras		Extras Priced By Frame Size											
Nema T Frames		143/5T	182/4T	213/5T	254/6T	284/6T	324/6T	364/5T	404/5T	444/5T	447/9T		
Nema U Frames			182/4U	213/5U	254/6U	284/6U	324/6U	364/5U	404/5U	444/5U		504/5U	584/8U
Metric Frames		90	100/112	132 S/M	160 M/L	180 M/L	200 M/L	225 S/M	250 S/M	280 S/M		315 S/M	355 S/M
Furnish/Install 2 Standard Ball Bearings		92	108	134	167	229	300	378	511	665	783	942	1,137
Recondition ODP Motor		196	231	281	338	391	483	568	701	856	1,022	1,204	1,413
Recondition TEFC/Special Motor (Note 3)		235	277	337	405	470	580	681	842	1,027	1,226	1,445	1,696
Dismantle & Reassemble Only		147	173	211	253	294	362	426	526	642	766	903	1,060
Dynamic Balance Rotor		142	153	168	190	206	228	250	280	307	342	399	461
Metallize 1 Shaft or Housing Surface		170	178	191	204	221	240	264	290	309	351	430	505
Bore & Bush 1 End Bracket		204	221	238	273	306	341	383	409	437	471	482	549
Furnish & Install 9 New Leads		139	156	177	228	285	346	404	451	505	569	658	764

NOTE 1: "T" = T Frames (143T-449T) — "U" = U Frames (182U-588U) — "Old/Large" = Old Frames (203-505) & Large Frames (5000-8000) — "Metric" = Metric Frames (90-355)

NOTE 2: "U/Prem/Met" = U Frames, Premium Efficient Motors, Metric Frames, IEEE 841 Severe Duty, Inverter Duty, etc. — "Special" = Old Frames, Special Motors, etc.

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