Horizontal Motors (NEMA®† Frames 56-449)
Conversions & Accessories Quick Pick Chart

DISCOUNT SYMBOL: SAME AS MOTOR BEING CONVERTED

Description		Frame											
		56	140	180	210	250	280	320	360	400	444-447	449 (DP)	449 (TE)
All Cast Iron	Conduit Box (CTE, CTI Only)	-	153	161	193	209	234	242	346	483	636	-	
	Fan Cover (CTE, CTI Only)	-	145	161	234	371	443	467	822	1369	1530	-	
Assembly Mounting (Convert To F2,W1,W2,W3,W4)		145	145	145	145	190	190	190	215	215	215	215	
Base, Removal Of Feet (UNIMOUNT® Only)		161	161	161	161	161	161	-	-	-	-	-	
Bearings	Sealed	-	174	190	203	322	322	564	564	-	-	-	
	Single Shielded	-	-	-	403	483	564	-	-	-	-	-	
	Roller Bearing On Drive End (CTE, TCE, JDE)	-	-	-	-	-	-	-	-	1100	1550	-	
Brakes	Install Brake Kit (also add $ of brake kit)	354	354	354	354	-	-	-	-	-	-	-	
	Brake Kit: 1.5 Ft-Lb (Type UTE, UTI) *	441	441	441	-	-	-	-	-	-	-	-	
	3 Ft-Lb (Type UTE, UTI) *	510	510	510	510	-	-	-	-	-	-	-	
	6 Ft-Lb (Type UTE, UTI) *	607	607	607	607	-	-	-	-	-	-	-	
	10 Ft-Lb (Type UTE, UTI) *	984	984	984	984	-	-	-	-	-	-	-	
	15 Ft-Lb (Type UTE, UTI) *	1086	1086	1086	1086	-	-	-	-	-	-	-	
	25 Ft-Lb (Type UTE, UTI) *	1086	1086	1086	1086	-	-	-	-	-	-	-	
	35 Ft-Lb (Type UTE, UTI) *	-	-	2055	2055	-	-	-	-	-	-	-	
	6 Ft-Lb (Type UTNX)	766	766	766	766	766	-	-	-	-	-	-	
	10 Ft-Lb (Type UTNX)	911	911	911	911	911	-	-	-	-	-	-	
Conduit Box	Accessory Conduit Box (Non-XP Only)	-	-	548	548	548	548	548	548	548	548	548	
	Rotate Conduit Box	161	161	161	161	161	161	161	161	161	161	161	
	Cast Iron Conduit Box (CTE, CTI Only)	-	153	161	193	209	234	242	346	483	636	-	
	Oversized Conduit Box	-	-	242	242	242	242	322	322	403	403	403	
Drains (Breather/Drains) (Cast Iron TEFC Only)		-	-	-	-	-	-	-	-	-	-	-	
	Stainless Steel T-Type Breather/Drain	-	-	586	586	586	586	586	586	586	586	-	
Dripcover	UNIMOUNT® (Type UTE, UTI, UTF)	145	145	161	177	209	242	-	-	-	-	-	
	Open Drip Proof (Type DE, DI)	-	145	161	177	209	242	274	-	-	-	-	
	TEFC Cast Iron (Type CTE, CTI, CE, TCE)	-	169	282	282	282	372	372	372	677	677	-	
Division 2 Self Certified & Division 2 CSA Certified (Eng. Approval Req'd)		-	-	-	-	-	-	-	-	-	-	-	
	Class I, Grps. A/B/C/D T1-T3 T-Codes On Main N/P @ 1.0 SF (On CTE, TCE and CE Models – Standard Rating ONLY)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	-	
	Class I, T-Code T1-T3C On Sep. Div. 2 Plate (Self Certified)	100	100	100	100	100	100	100	100	100	100	100	
	Class I & II, T-Code T3C On Sep. Div. 2 Plate (Self Certified)	100	100	100	100	100	100	100	100	100	100	-	
	Class I, T-Code T1-T3C On Sep. Div. 2 Plate (CSA)	-	100	100	100	100	100	100	100	100	100	-	
Export Boxing		(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	
Fans, Install Uni-Directional (TEFC Only)		-	-	-	-	451	451	580	580	677	677	-	
Flanges	C-Face	242	242	290	330	725	1007	1087	1176	1450	1692	-	
	D-Flange	403	403	419	353	1087	1208	1369	1595	2014	2900	-	
Grease, Low Temp Grease		-	137	137	145	187	208	292	313	499	688	688	
Grease Fittings		-	-	209	209	209	209	209	322	322	322	322	
Ground Lug	In Conduit Box	129	129	129	129	129	129	129	129	129	129	129	
	On Frame (Cast Iron Non-XP Only)	-	-	371	371	371	371	371	371	371	371	371	
Grounding, Shaft	Installed AEGIS®† SGR™	-	260	260	310	310	310	385	385	575	810	1080	
	C-Face with MGS Grounding Seal	-	-	-	-	-	1317	1472	1561	1946	2540	-	2941
	Installed MGS SGR™ (Available on 841 Plus)	-	-	433	466	492	517	584	609	650	775	-	830
Hardware, Stainless Steel		-	-	548	548	918	918	918	1257	1257	1643	1643	
Leads	Ring Type Lead Lugs	140	140	140	140	161	161	-	-	-	-	-	
	Tie Back Leads	274	274	274	403	403	612	612	612	612	612	612	
Lifting Lugs		-	-	274	-	-	-	-	-	-	-	-	
Marine Duty, Below Deck		338	338	338	338	419	419	419	419	612	612	612	

(N) Net Adder
(NC) No Charge if specified at time of Motor order.

(+) Refer to Conversion Pricing Section for description.
(#) Refer to Optional Export Packing Charges Section.

Horizontal Motors (NEMA®† Frames 56-449)
Conversions & Accessories Quick Pick Chart

DISCOUNT SYMBOL: SAME AS MOTOR BEING CONVERTED

Description		Frame										
		56	140	180	210	250	280	320	360	400	444-447	449 (DP)
Nameplates	Additional Duplicate Nameplate	70	70	70	70	70	70	70	70	70	70	70
	Additional Stamping On Main Nameplate	70	70	70	70	70	70	70	70	70	70	70
	Rotation Arrow	70	70	70	70	70	70	70	70	70	70	70
	Shipping Tag (#6 Paper Tag)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	Special I.D. Plate	70	70	70	70	70	70	70	70	70	70	70
	Re-Nameplate (Re-Rate)	70	70	70	70	70	70	70	70	70	70	70
	Firepump Label	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Prints & Data	(Submittals) (NET ADDERS)	-	-	-	-	-	-	-	-	-	-	-
	Standard Submittals (+)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	Speed Vs. Torque & Amps Curve (Standard 100% Voltage)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	Speed Vs. Torque & Amps Curve (Non-Standard, Multiple Voltages)	60	60	60	60	60	60	60	60	60	60	60
	Speed Vs. Torque & Amps Curve (Metric)	170	170	170	170	170	170	170	170	170	170	170
	Safe Stall Time Curve	170	170	170	170	170	170	170	170	170	170	170
	Acceleration Time Vs. Amps Curve	170	170	170	170	170	170	170	170	170	170	170
	Performance Curve (Standard)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	Performance Curve (Non-Standard)	170	170	170	170	170	170	170	170	170	170	170
	Performance Curve (Metric Units)	280	280	280	280	280	280	280	280	280	280	280
	Shaft Stiffness	170	170	170	170	170	170	170	170	170	170	170
	Torsional Analysis	170	170	170	170	170	170	170	170	170	170	170
	Sound Power In Watts	60	60	60	60	60	60	60	60	60	60	60
	Sound Pressure In dB @ 3 Feet	30	30	30	30	30	30	30	30	30	30	30
	Sound Data Vs. Center Band	60	60	60	60	60	60	60	60	60	60	60
	Customer Data Sheet	60	60	60	60	60	60	60	60	60	60	60
	Equivalent Circuit Data	60	60	60	60	60	60	60	60	60	60	60
	UL®† Certificate	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
	Certificate Of Conformance	60	60	60	60	60	60	60	60	60	60	60
	Shaft Print	60	60	60	60	60	60	60	60	60	60	60
	Shaft Print With Material Strength	220	220	220	220	220	220	220	220	220	220	220
	Rotor Detail Print	280	280	280	280	280	280	280	280	280	280	280
	Rotor Detail & Shaft Print	330	330	330	330	330	330	330	330	330	330	330
	Current Pulsation Analysis	220	220	220	220	220	220	220	220	220	220	220
	Bearing Life Calculation	150	150	150	150	150	150	150	150	150	150	150
Screens	(ODP Only)	-	-	226	226	226	226	403	403	403	403	403
Shaft Seals, "Inpro®† Type" On Fan End (841 PLUS® Only)		-	230	230	230	350	350	475	475	475	-	-
Space Heater	ODP or TEFC Motors	210	210	250	320	380	420	420	480	480	480	480
	XP Motors	-	-	500	640	760	840	840	960	960	-	-
Testing	Short Commercial Test, Un-Witnessed	282	282	282	612	612	612	612	612	612	612	612
	Complete Initial Test, Un-Witnessed	2457	2457	2457	3649	3649	3649	3649	3649	3649	8426	8426
	Complete Initial Test, Witnessed	8506	8506	8506	13782	13782	13782	13782	13782	13782	13782	13782
	Megger Test	756	756	756	1474	1474	1474	1474	1474	1474	1474	1474
Thermal Protection, Windings		-	-	-	-	-	-	-	-	-	-	-
	Thermostats	200	200	200	300	300	300	400	400	400	400	400
	Thermistors	725	725	725	725	725	725	725	725	725	725	725
	THERMA SENTRY®	1740	1740	1740	1820	1820	1820	1820	1820	1820	1820	1820
	Thermocouples	209	209	209	419	419	419	419	419	419	2417	2417
Tropicalization / High Moisture Protection		242	242	242	354	354	354	354	612	612	612	612
Vector Encoder Conversion (See Page 122 - Encoder Availability)		-	-	-	-	-	-	-	-	-	-	-
	Avtron AV32	1125	1125	1125	1125	1125	1125	1125	1125	1125	1125	1125
	Avtron AV56	1600	1600	1600	1600	1600	-	-	-	-	-	-
	Avtron HS25A	1125	1125	1125	1125	1125	-	-	-	-	-	-
	Avtron HS35A	-	-	1300	1300	1300	1300	1300	1300	1300	1300	-
	Dynapar HS20	1200	1200	1200	1200	1200	-	-	-	-	-	-
	Dynapar HS35R	-	-	1530	1530	1530	1530	1530	1530	1530	1530	-
	Dynapar ST56	2410	2410	2410	2410	2410	2410	2410	2410	2410	2410	-
	EPC 25T	-	-	1300	1300`	1300	1300	1300	1300	1300	1300	-

(N) Net Adder
(NC) No Charge if specified at time of Motor order.

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(#) Refer to Optional Export Packing Charges Section.