

## Horizontal Motors (TITAN® Frames 449-5800) Conversions & Accessories Quick Pick Chart

DISCOUNT SYMBOL: SAME AS MOTOR BEING CONVERTED

Description		Frame	
		449 (TE)	5000
Assembly Mounting	Convert To "F2" (Type JCE Only)	-	650
Bearings	Roller Bearing on Drive End (Type JCE Only)	1800	-
Conduit Box	Rotate 90 Degrees	100	100
Coupling	Mount Customer Half Coupling	1380	1380
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 JC, JCE Models – Standard Rating ONLY)	NC	NC
	Class I, T-Code T1-T3C On Sep. Div. 2 Plate (Self Certified)	100	100
	Class I & II, T-Code T3C On Sep. Div. 2 Plate (Self Certified)	100	100
	Class I, T-Code T1-T3C On Sep. Div. 2 Plate (CSA)	100	100
Export Boxing		(#)	(#)
Fans	Install Uni-Directional (TEFC Only)	830	830
Flanges	C-Face	2169	N/A
	D-Flange	2272	N/A
Ground Lug	In Conduit Box	300	300
	On Frame (Cast Iron, Non-Explosionproof Only)	300	300
Marine Duty	Below Deck (Ball Bearing Motors Only)	5%	5%
Nameplates	Additional Duplicate	70	70
	Re-Nameplate	70	70
	Special ID Nameplate	70	70
	Shipping Tag (#6 Paper Tag)	NC	NC
	Fire Pump Label (Requires Approval)	140	-
Paint, Special (Requires Approval)		5%	5%
Prints & Data	(Submittals) (NET ADDERS)	-	-
	Standard Submittals (QP)	NC	NC
	Speed Vs. Torque & Amps Curve (Standard 100% Voltage)	NC	NC
	Speed Vs. Torque & Amps Curve (Non-Standard, Multiple Voltages)	60	60
	Speed Vs. Torque & Amps Curve (Metric)	170	170
	Safe Stall Time Curve	170	170
	Acceleration Time Vs. Amps Curve	170	170
	Performance Curve (Standard)	NC	NC
	Performance Curve (Non-Standard)	170	170
	Performance Curve (Metric Units)	280	280
	Shaft Stiffness	170	170
	Torsional Analysis	170	170
	Sound Power In Watts	60	60
	Sound Pressure In dB @ 3 Feet	30	30
	Sound Data Vs. Center Band	60	60
	Customer Data Sheet	60	60
	Equivalent Circuit Data	60	60
	UL® Certificate	1000	1000
	Certificate Of Conformance	60	60
	Shaft Print	60	60
	Shaft Print With Material Strength	220	220

(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 (TITAN® Frames 449-5800) Conversions & Accessories Quick Pick Chart

DISCOUNT SYMBOL: SAME AS MOTOR BEING CONVERTED

Description	Frame	
	449 (TE)	5000
Prints & Data Rotor Detail Print	280	280
Rotor Detail Print	280	280
Rotor Detail & Shaft Print	330	330
Current Pulsation Analysis	220	220
Bearing Life Calculation	150	150
Space Heater (Double For Hazardous Location)	480	480
Tests		
Short Commercial Test, Un-Witnessed	380	380
Complete Initial Test, Un-Witnessed	8400	8400
Complete Initial Test, Witnessed	12150	12150
Thermal Protection, Bearings (Medium Voltage Type JC, JCE Only)	-	-
RTD's, 1/Bearing (100 Ohm)	2500	2500
Thermal Protection, Windings	-	-
Thermostats, 1/Phase	460	460
THERMA SENTRY® (SMSE)	1130	1130
Vector Encoder (Type JCBI Only)	-	-
Avtron AV32	1125	-
Avtron AV56	1600	-
Avtron HS35A	1300	-
Dynapar ST56	2410	-
Dynapar HS35R	1530	-
EPC 25T	1300	-