

FOR SALE

Impact Technologies LLC is selling surplus equipment at discounted prices. You can save money on the following:

200 HP Motor with Variable Frequency Drive

Electric Motor

TECO-Westinghouse 's "Global XPE - Premium Efficiency Severe

Duty" 200 HP, 12 Pole Motor

460 VAC, 3 Phase, 271 Amp ,60 Hz

588 RPM

High Turndown Ratio (10:1)

Type: AEHE-VS

Frame: 5011B

Design: B

Code: G



Variable Frequency Drive (VFD)

TOSHIBA Q7 ASD (Adjustable Speed Drive) VFD

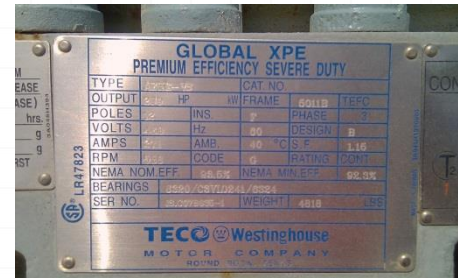
Variable torque loads

Includes an outdoor rated NEMA 3R enclosure

Manufacturer's paperwork included in the sale

Less than 1 hour of runtime on this equipment

Motor and drive was designed to power a KA-3500 Kerr Pump *(Not included in this sale)*



\$27,500

or best offer

Contact Information

Ken Oglesby
918.629.6993

KD02@impact2u.com

TECO-Westinghouse Motor Data Sheet

Model	AEHE-VS		
Rating	200 HP 12 Pole 460 Volt 3Phase 60 Hz		
Service Duty	Continuous Rating, S.F. 1.15		
Starting Method	D.O.L. or V.V.V.F		
Rotation	Bi-Directional		
Drive Method	Direct Coupling		
Environment	Amb. Temp.: -4 ~ 104 F Humidity: Less Than 95% RH Altitude: Up To 3,280 Ft		
Enclosure & Protection	IP54 : Totally Enclosed	Indoor	
Cooling	IC411 : Self External Fan, Surface Cooling		
Mounting	IM1001 : HS, Foot		
Dimensions	Dr# 3B040L440 (REV.00) Frame No.: 5011B		
Frame & Bracket	Frame: Cast Iron Bracket: Cast Iron		
Fan & Fan Cover	Fan: Aluminum Fan Cover: Steel Plate		
Terminal Box	Cast Iron		
Lead Terminals	[(R38-16)X2]X3		
Lubricant	ESSO Polyrex EM Grease		
Painting	Color: MUNSELL N5.0		
Stator Winding	Ins. Class F		
Rotor Conductor	Al-Die Cast		
Starting Performance	LRC ≤ 1580 Amp	LRT/FLT 100%	
Operating Performance	% Load	100	75 50
	Amp.	271	219 175
	Eff.%	93.5	93.0 92.0
	P.F.%	74.0	69.0 58.0
	RPM	588	591 594

- Note
1. Suitable for VFD Variable Torque (20:1)
 2. Inverter Source: not to Exceed 221F Rise by Resistance Method at S.F. 1.0
 3. Approximate Weight: 5000 lbs

Contact Information

Ken Oglesby
918.629.6993
KDO2@impact2u.com

Q7 ASD Standard Specifications

Model Range	1 - 150HP	1 - 400HP
Voltage Rating	200 - 240V	380 - 480V
Input Voltage Tolerance	± 10% ± 10%	
Control System	Sine Wave (Pulse Width Modulated) System	
Power Unit	200,000A Interrupting Capacity	
Integrated Enclosure	100,000A Interrupting Capacity	
PWM Carrier Frequency	Adjustable between 0.5 - 15kHz	
Transistor Type	Insulated Gate Bipolar Transistor (IGBT)	
Overload Current Rating	100% continuous, 110% for one minute, 120% for 12 seconds and 150% for 2 seconds	
Volts / Hertz Settings	Variable Torque or Constant Torque	
Output Frequency Range	0 - 299Hz	
Power Terminals	Input (L1,L2,L3); Output (T1,T2,T3); DCL (PA,PB); DC Bus (PA,PC)	
Analog Inputs	One 4 - 20mA, one ±10V and two 0 - 10V	
Analog Outputs	Two 4 - 20mA / 0 - 1mA outputs programmable to 33 functions	
Signal Isolation	Optional Signal Isolation for 4 - 20mA input and the AM, FM outputs	
Communication Ports	RS232, RS485, TTL ports standard	
Communication Chip	NANOCOM chip	
Set Point Control (PID)	Proportional Gain, Integral Gain, Differential Gain, Upper / Lower Deviation Limits, Feedback Source	
Critical Frequencies	Delay Filter, 4 - 20mA Loss Selection	
LCD Display	Three programmable jump frequencies with adjustable bandwidths	
LED Indications	2 X 16 graphical display, 2 rows by 16 characters	
Keypad Keys	Run (Red), Local (Green), Manual (Green)	
Monitoring Functions	NEMA 12 rated keypad to include: Speed Control, Run Mode, Setup / Program / Monitor, Read / Write, Run, Stop / Reset, Up and Down	
	Thirty monitoring items to include: Input / Output Terminal Status, Forward / Reverse, Frequency Setting Value, Output Frequency, Output Current, Output Voltage, Input and Output Power, Four Past Faults, PID Feedback Value, DC Voltage, Input Signal Monitoring, ASD Overload and Motor Overload Ratio	
Ambient Temperature	-10°C to 40°C, 14°F to 104°F; Humidity: 95% non-condensing	
Installation	NEMA 1	

