

TOSHIBA

Leading Innovation >>>



5 TO 1000 HP
200 TO 600 V
21 TO 1080 A

HEAVY
DUTY

TE-H SERIES >>>>
LOW VOLTAGE SOLID STATE STARTER

NO NEED TO COMPROMISE ON PERFORMANCE OR FEATURES

The TE-H Series incorporates Toshiba's TE Series SSS into a heavy-duty enclosure that is ready to work right out-of-the-box. Expect the full benefits of reliable soft starting, unsurpassed motor/load protection, and control flexibility – all in one complete package that is readily stocked in many ratings. The standard TE-H packaged unit includes:

- Type 12/4 Enclosure (21 to 600 A) or Type 12 Enclosure (690 to 1080 A)
- Circuit Breaker with Door Operator (45 to 1080 A)
- Fusible Disconnect Switch with Fuses (21 to 40 A)
- Built-In Full HP Rated Bypass Contactor
- 120 V Control Voltage (CPT Included)
- Smart Door
- Communications: RS485 Modbus RTU

MODEL NUMBER	NOMINAL MOTOR HP RATING				MAXIMUM KW RATING			FRAME SIZE
	200 V/HP	230 V/HP	460 V/HP	575 V/HP	220 V/KW	380 V/KW	415 V/KW	
TE-H-21-CB-*	7.5	7.5	10 to 15	15 to 20	5.5	11	11	1
TE-H-27-CB-*	10	10	20 to 25	25 to 30	7.5	15	15	1
TE-H-40-CB-*	10	15	30	30	11	18.5	18.5	1
TE-H-45-CB-*	15	20	40	40 to 50	15	30	30	1
TE-H-55-CB-*	20	25	50	60	18.5	37	30	1
TE-H-68-CB-*	25	30	60	-	22	45	37	1
TE-H-96-CB-*	30	30	75	75	30	55	60	1
TE-H-125-CB-*	40	40 to 50	100	-	45	75	75	1
TE-H-156-CB-*	50 to 60	60	125 to 150	100 to 150	55	90	90	2
TE-H-220-CB-*	60	75	150	150	55	110	132	2
TE-H-248-CB-*	75 to 100	100 to 125	200 to 250	200 to 300	75	132	132	2
TE-H-312-CB-*	125	150	300	300	110	160	160	2
TE-H-400-CB-*	125	150	300	300	-	200	250	2
TE-H-480-CB-*	150	200	400	350 to 500	-	-	-	2
TE-H-600-CB-#	150	250	500	600	-	-	-	2
TE-H-690-CB-*	250	250	500	600	-	355	400	3
TE-H-800-CB-*	250	300	600	600	-	450	500	3
TE-H-960-CB-*	300	350 to 400	700 to 800	700 to 900	-	475	500	3
TE-H-1080-CB-*	350	450	900	1000	-	565	600	3

Frame Size	Enclosure	Dimensions (HxWxD) in. (mm)	Rating	*Line & Control Voltage (50/60 Hz)
1	Wall Mount	37 (940) x 15 (381) x 17 (432)	4/12	1 = 208 V, 120 V Ctrl 2 = 230 V, 120 V Ctrl
2	Wall Mount	48 (1219) x 33 (838) x 16 (406)	4/12	3 = 380 V, 220 V Ctrl 4 = 460 V, 120 V Ctrl
3	Floor Standing	92 (2337) x 36 (914) x 30 (762)	12 Only	5 = 575 V, 120 V Ctrl 6 = 415 V, 220 V Ctrl
				7 = 220 V, 220 V Ctrl

Note: # – TE-H-600 is 1.0 S.F. rated. Use 690 model if 1.15 S.F. is required.



Smart Door Features:

- Door Mounted Keypad
- Emergency Stop Button
- Local/Off/Remote Switch
- Start/Stop Button
- Pilot Lights:
 - Motor Run (Green)
 - Power On (White)
 - Starter Fault (Red)
 - E-Stop Fault (Red)
 - External Interlock (Red)

APPLICABLE INDUSTRIES

- Aggregate
- Bottling & Canning
- HVAC
- Irrigation
- Mining
- Oil & Gas
- Pulp & Paper
- Sanitation
- Steel

APPLICABLE APPLICATIONS

- Blowers
- Bow Thrusters
- Chippers
- Compressors
- Crushers
- Conveyors
- Fans
- Grinders
- Mills
- Mixers
- Pumps
- Shredders



TOSHIBA INDUSTRIAL PRODUCTS:

- Motor Controls
- Motors
- Adjustable Speed Drives
- Instrumentation & PLCs
- Uninterruptible Power Systems

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