



Hyundai Crown Triton™ Severe Duty

Premium efficient severe duty motors

Hyundai Electric is globally recognized as a premium brand due to the superior performance, rigorous quality standards, and notable longevity of their motors. The Hyundai Crown Triton™ Severe Duty Motor is no exception. Designed to perform under both severe duty and general purpose applications, these premium efficient motors feature cast iron enclosures and conduit boxes, shaft slingers, and IP55 protection.

Specifications

- Output: 1 – 250 HP
- Speed: 3600, 1800, 1200 RPM
- Voltage: 208-230/460 Volt (1-125 HP), 460 Volt (150-250 HP)
- Service Factor: 1.15 @ 40°C, 1.0 @ 65°C

In-Stock and Ready to Ship

We aim to make our customers more competitive by stocking the products they need and responding to their requirements with a shared sense of urgency. With \$30 million of ready-to-ship inventory at six regional US warehouses, we're ready to assist you!

For more details, visit wwec.co/HyundaiMotors

Product Features

- Premium efficient
- Totally enclosed fan cooled (TEFC) enclosure
- IP55 Rating
- C-Faced foot mounted, foot mounted, and C-faced without feet available
- Double Drilled Feet to accommodate mounting flexibility (324T-445T, 449T)
- Dual rated SF: 1.15 for 40°C / 1.0 for 65°C
- Cast iron frame and conduit box
- Shaft slingers
- Class F insulation with Class N varnish
- NEMA design B
- Class B temperature rise
- CSA certified for Class 1, Division 2, Groups A, B, C, D
- Inverter ready, 10:1 CT / 20:1 VT
- Inverter shield insulation and inverter grade magnet wire meets or exceeds NEMA MG-1 Part 31 for exceptional corona and transient protection
- IEEE-45 Marine Duty Rated
- All motors carry ABS Type Approval
- Suitable for 50 Hz operation with 1.0 SF up to 200 HP
- Suitable for part winding start on low voltage (1-125 HP)
- Suitable for wye-delta start (15-250 HP)
- F2 field convertible

For more details, including full specifications, compliance, and all available models, visit wwec.co/HyundaiMotors

Hyundai Low-Voltage Motors & Drives from WorldWide Electric

WorldWide Electric is the exclusive master distributor of Hyundai Electric low-voltage motors and drives in the United States. WorldWide Electric's Hyundai offerings include:

- Hyundai Crown Triton™ Severe Duty Motors
- Hyundai Crown Triton™ Severe Duty Large Frame Motors
- Hyundai Crown Triton™ IEEE-841 Motors
- Hyundai Crown Triton™ Explosion Proof Motors
- Hyundai N700E Series Variable Frequency Drives
- Enclosed panels featuring the Hyundai N700E Drives

Model Number Selection

Each model number contains the product family, horsepower, RPM, and NEMA frame size.

HHI	15	-	18	-	254T
Product Family	Horsepower		RPM/100		Frame

For example, model number "HHI15-18-254T" is a 15 HP, 1800 RPM, 254T Frame Hyundai Crown Triton Severe Duty Motor.

Available Models[‡]

Horsepower	RPM	Frame Size	Frame Suffix
1	1200	143	T
1.5	1800	145	TC
2	3600	182	TS
3		184	TSC
5		213	TCRD
7.5		215	T-F2
10		254	TC-F2
15		256	TSC-F2
20		284	TBB
25		286	TSBB
30		324	
40		326	
50		364	
60		365	
75		404	
100		405	
125		444	
150		445	
200		447	
250		449	

[‡]Not all combinations indicated by this table are possible. Please contact a representative or visit worldwideelectric.net for more information on available models.

Frame Suffix Options

- T: T-Frame
- C: C-Face
- S: Short shaft
- RD: Round body
- F2: F2 mount (Junction box on the right)
- BB: Ball bearing on drive-end for direct coupled applications



WorldWide Electric Corporation is a leading manufacturer of electric motors, motor controls, and gear reducers as well as the exclusive master distributor of Hyundai Electric's low-voltage motors and drives. Offering fast, often same-day, shipping from six regional US warehouses, WorldWide Electric takes pride in providing a competitive edge to our customers by responding to their requirements with urgency, technical expertise, and professionalism.

HMDS0202020