

 HYUNDAI ELECTRIC

Hyundai Crown Triton™ IEEE-841

Premium efficient chemical and process 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™ IEEE-841 is no exception. Hyundai IEEE-841 chemical and process motors are designed and field tested for some of the harshest industrial environments. These premium efficiency motors are fully compliant with the IEEE-841(2009) standard and carry ABS Type Approval and a full 5 year warranty.

Specifications

- Output: 1 – 250 HP
- Speed: 3600, 1800, 1200 RPM
- Voltage: Single Voltage, 460V
- 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 with ABS Type approval
- Suitable for IP56 without ABS approval
- Available with rigid base or C-face with feet
- 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
- Ground lug in terminal box
- Cast iron inner bearing caps
- 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 duty, 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
- Fully compliant with IEEE-841 Standard. Test report supplied with each motor.
- IEEE-45 Marine Duty Rated
- Suitable for 50 Hz operation with 1.0 SF up to 200 HP
- Parker Hannifin ProTech IP66 labyrinth seals on both the drive-end and opposite drive-end bearings

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™
Premium Efficiency Severe Duty



Hyundai Crown Triton™
Severe Duty Large Frame Motor



Hyundai N700E
Variable Frequency Drives



Hyundai Variable
Frequency Drive Panel

Model Number Selection

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

IEEE	50	-	18	-	326T
Product Family	Horsepower		RPM/100		Frame

For example, model number "IEEE50-18-326T" is a 50 HP, 1800 RPM, 326T Frame Hyundai IEEE-841 Rigid Base Motor.

Available Models[‡]

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

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

- Hyundai Crown Triton™ IEEE-841 Motors
- Hyundai Crown Triton™ Explosion Proof Motors
- Hyundai N700E Series Variable Frequency Drives
- Enclosed panels featuring the Hyundai N700E Drive



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