LARGE AC
MOTORS

RELIANCE

BALDOR
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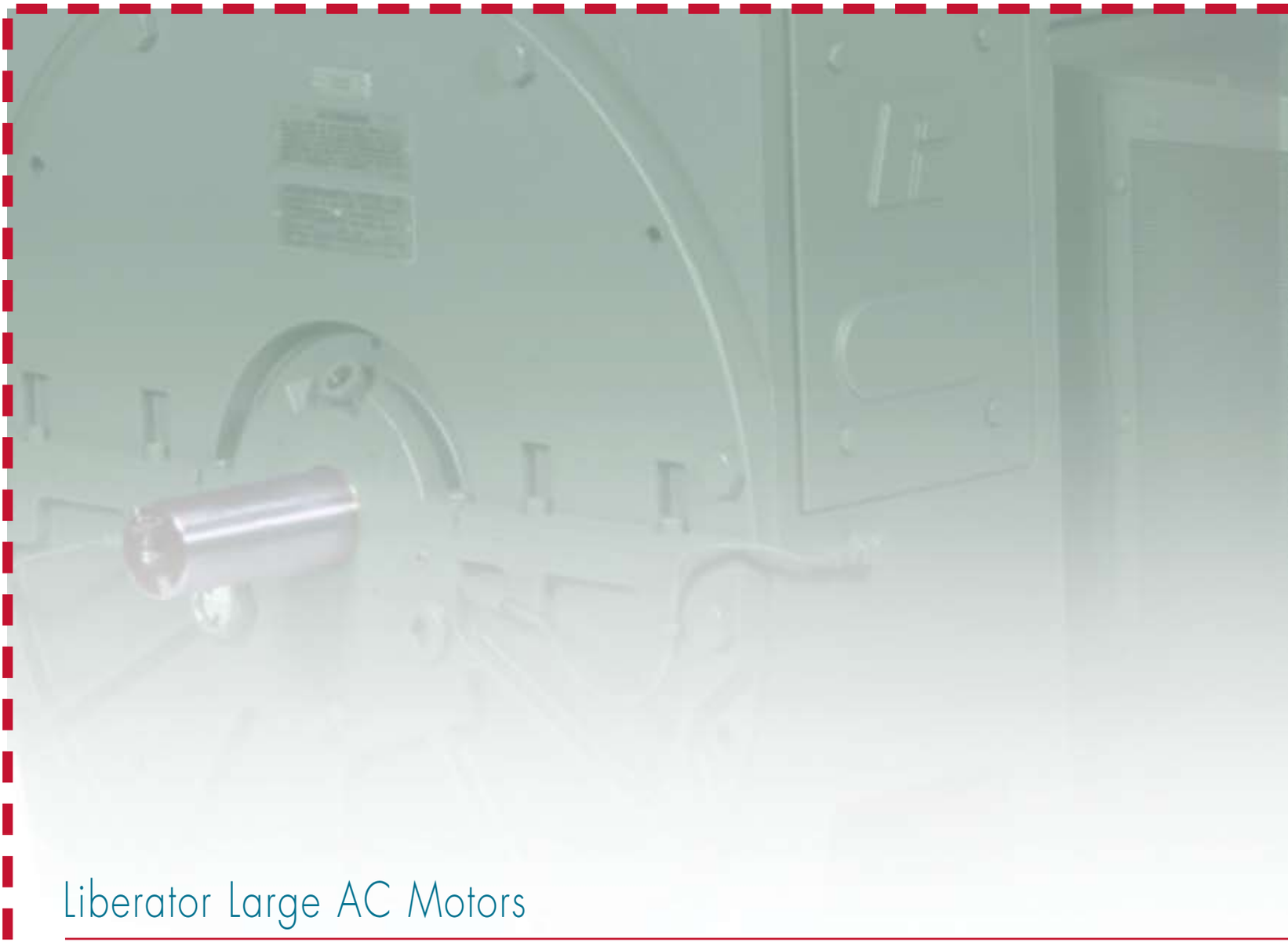


Liberator Large AC Motors

The Liberator series brings a new era to Reliance AC motors making it easier than ever to implement dependable Large AC motor solutions. These motors are manufactured with the same materials and careful design as our industry leading Duty Master Large AC motors.

Quickship Program

Our Quickship program offers 54 additional ratings (300-1500hp) with the same features as our stock model numbered motors. These ratings consist of Weather Protected Type I (WP-I), Weather Protected Type II (WP-II), and Totally Enclosed Fan Cooled (TEFC). Each motor is dual voltage (2300/4000V) and are available in 3600, 1800 and 1200 rpm. Standard lead times are 6-8 weeks.

Stock Program

Did you know that Reliance stocks 24 different TEFC ratings? With ratings from 300 to 800 hp at 3600, 1800 and 1200 rpm you are sure to find a motor to meet your general purpose needs. These motors come standard with the most common modifications normally specified for this class of motor, including: winding RTD's and space heaters

Modified Program

For more diverse needs, Liberator products are also available from production with ODP, WP-II and TEFC enclosures. These motors are suitable for accepting modifications from an expanded list of options. The Modified program sets the Liberator above other General Purpose products which are only available as pre-configured models.

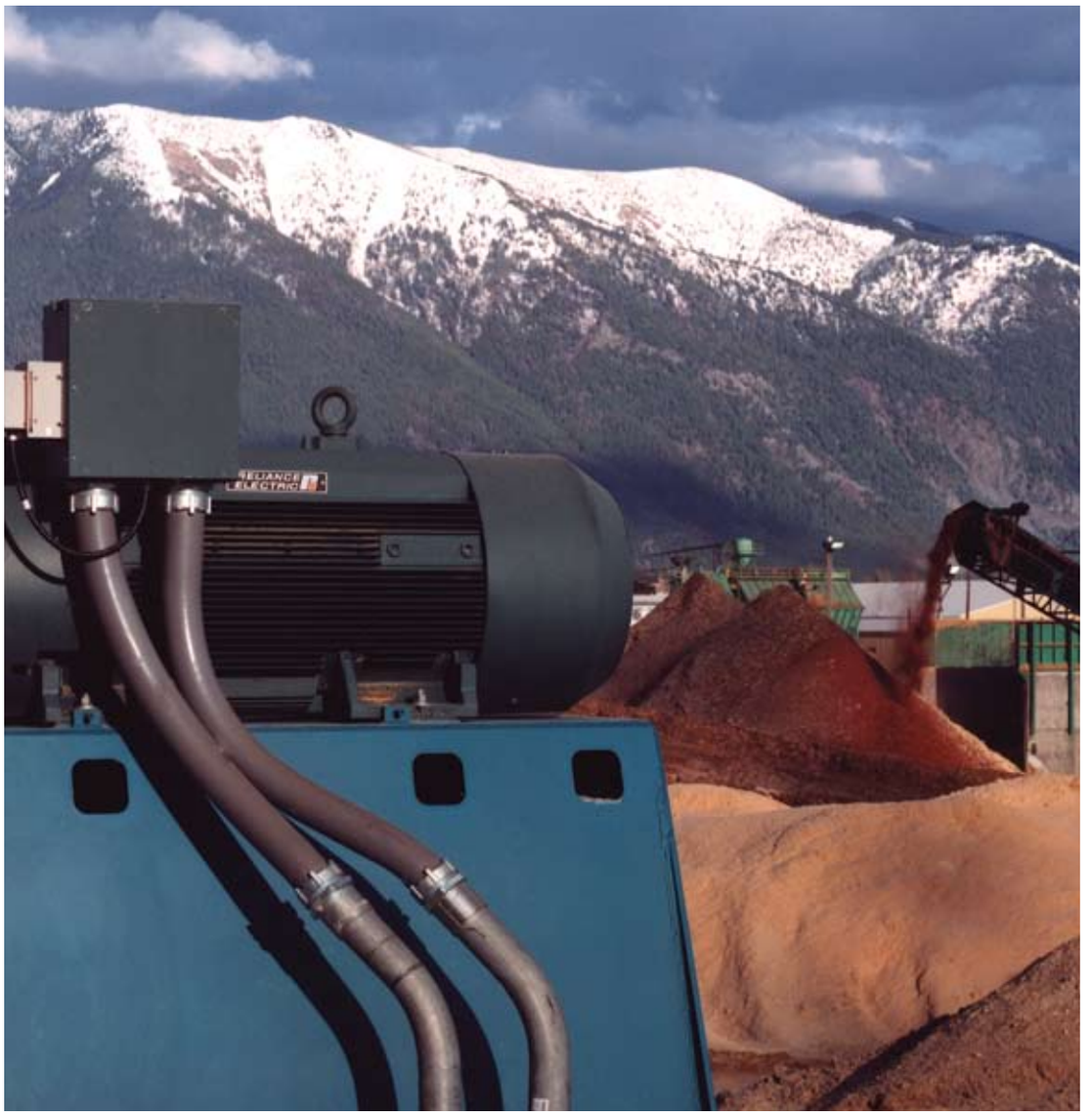
The Value of Reliance

Announcing Baldor's complete line of Reliance® Large AC Motors—the only motors specifically engineered with energy efficiency and your application in mind, ensuring true value and performance for life.

With Reliance Large AC Motors, you get custom motor solutions that can actually reduce your operating costs. With premium insulation systems, world-leading power densities, comprehensive HP ranges, meticulous testing, advanced R & D, plus Reliance's commissioning, these motors set the standard in toughness, efficiency, and reliability.

Throughout the world, our Large AC motors perform beyond the expected, satisfying motor usage requirements in every industry.

• Aggregate • Cement • Petrochemical • Mining • Steel • Forestry • Pulp & Paper • HVAC• Power Generation • Municipal • Wastewater



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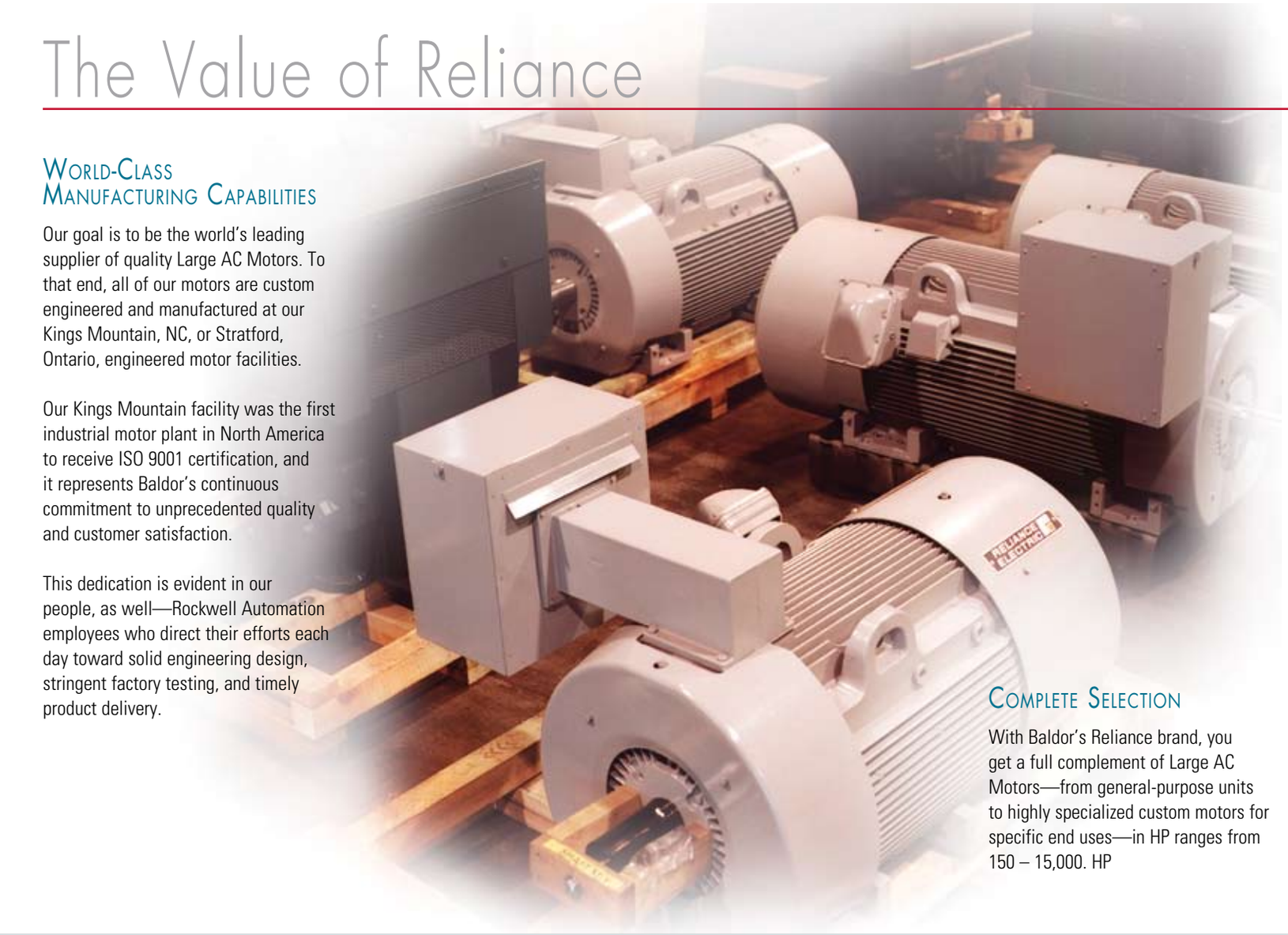
The Value of Reliance

World-Class Manufacturing Capabilities

Our goal is to be the world's leading supplier of quality Large AC Motors. To that end, all of our motors are custom engineered and manufactured at our Kings Mountain, NC, or Stratford, Ontario, engineered motor facilities.

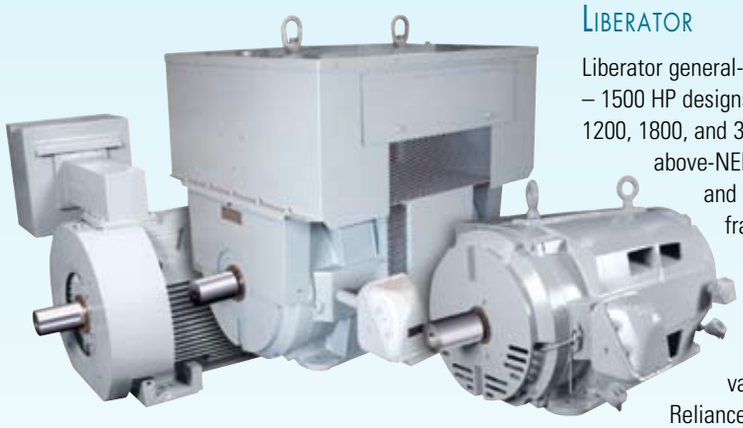
Our Kings Mountain facility was the first industrial motor plant in North America to receive ISO 9001 certification, and it represents Baldor's continuous commitment to unprecedented quality and customer satisfaction.

This dedication is evident in our people, as well—Rockwell Automation employees who direct their efforts each day toward solid engineering design, stringent factory testing, and timely product delivery.



Complete Selection

With Baldor's Reliance brand, you get a full complement of Large AC Motors—from general-purpose units to highly specialized custom motors for specific end uses—in HP ranges from 150 – 15,000. HP

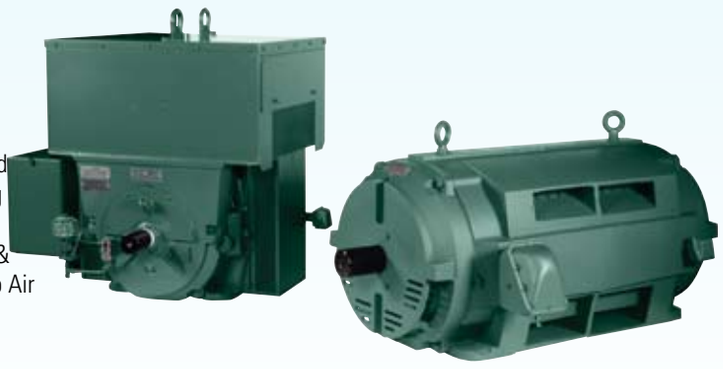


Liberator

Liberator general-purpose, value-priced motors in 250 – 1500 HP designs. Configurations offered with 900, 1200, 1800, and 3600 RPM base speeds covering above-NEMA frames in ODP, WPI, and WPII, and in TEFC from 449 through 5800 frames. Even though Liberator Large AC Motors are considered more basic with fewer modifications, they nevertheless deliver the industry-proven quality and value that customers expect from Reliance products.

E-Line

These time proven workhorses of the Reliance Large AC product family are available in 250 - 2000 HP, 460 - 6600V, 50 or 60 Hz, NEMA 5000 and 5800 frames and any of the following enclosures: Open Drip Proof (ODP), Weather Protected Type I & II (WP-I & WP-II) and the Totally Enclosed Air to Air Cooled (TEAAC).



The AERO Class

The AERO is the next generation Large AC platform from the highly successful development team at Reliance. It provides the full range of ratings in ODP, WP-II and TEAAC enclosures and is designed to meet the demands of the industrial world's ever-evolving more competitive needs, beginning with the NEMA 5800 frame family.

Reliance Large AC motors set the standard in toughness, efficiency, and reliability.

Advanced R & D

With the opening of Baldor's new Advanced Development Laboratory, Large AC Motor customers can now benefit from a state-of-the-art facility that offers expanded research capabilities, as well as advanced development sciences.

Here R &D experts evaluate energy efficiency, materials, magnetics, insulation, vibration, and sound—all in an effort to ensure optimum motor performance and reliability in every application.

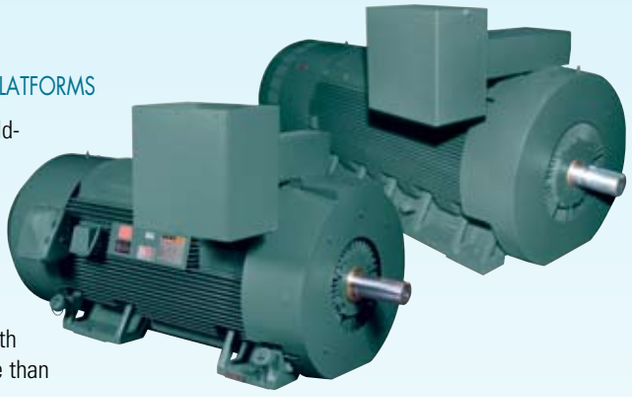
Premium Insulation Systems

At the heart of every motor is the insulation system. The quality of this system can mean the difference between a motor that performs as expected, or one that fails prematurely. With Reliance Large AC Motors, you can choose between four insulation systems to meet your particular application needs.

Each system offers insulation with unit protection for high mechanical and electrical strength, low current losses, and superior heat dissipation. And each has been developed to ensure optimum motor performance with long service life.

Global Series TEFC G30/G40/G50 Frame Platforms

The Global Series consists of world-class TEFC and TEBC motors ranging from 150-2500 HP engineered to meet both NEMA and IEC requirements. These motors are tough, dependable and a more efficient alternative to tube-cooled (TEAAC) motor designs, with up to 50% more HP per frame size than competitive motors.



EXCEL XL560/XL630

With a wide selection of application-matched designs in rating from 1750 – 5000 HP, 2300 – 6600V, ODP, WP-II, TEAAC, & TEWAC enclosures, these motors are designed for high speed, high HP pump and compressor applications, especially when powered from Variable Frequency Drives. The rigid shaft design eliminates speed range limitations for seamless speed control.

7111/9000 Series

These Large (Above NEMA) frame sizes are ideally suited for critical service requirements with the Petrochemical Industry in ratings from 1000 – 3000 Hp. Both the 9500 and 9600 frame are premium quality designs that provide long life and high reliability for high speed ODP, WP-II, TEAAC, and TEWAC applications.

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