# **HAZARDOUS AREA MOTORS**



# NOW AVAILABLE NOW AVAILABLE EXPLOSION PROOF FOR IIC GROUP











#### WEG RANGE OF PRODUCTS FOR CHEMICAL & PETROCHEMICAL INDUSTRY

WEG products drive all types of equipment on all processing steps in the Chemical & Petrochemical worldwide industry. Counting on a broad and complete range of products along with superior manufacturing process, the company is prepared to supply suitable product items for this application. Besides that, our worldwide network of distributors and branch offices help WEG to design products for customers worldwide in compliance with international standards and specific customer needs. Please see below our range of products for hazardous area applications:

# **EXPLOSION PROOF EXPLOSION PROOF WITH INCREASED SAFETY TERMINAL BOX**





IEC CLASSIFICATION one 1 and 2; Groups IIA and IIB; T4

CENELEC CLASSIFICATION Category 2 and 3 (gas); Groups IIA and IIB; T4

NEMA CLASSIFICATION Division 1 and 2; Class I; Groups C and D: T4 Division 1 and 2; Class II Groups F and G; T4

Frame range: 14315 to 58617 NEMA LOW VOLTAGE

CANADA



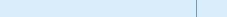


CEPEL

BRAZIL



**MEET ATEX DIRECTIVE - EUROPE** 



IEC CLASSIFICATION Zone 1, 2, 21 and 22; Groups IIA and IIB: T4

CENELEC CLASSIFICATION Category 2 and 3 (gas and dust); Groups IIA and IIB: T4







Certified by:



**MEET ATEX DIRECTIVE - EUROPE** 

IEC CLASSIFICATION Zone 1, 2, 21 and 22; Groups IIA, IIB and IIC; T4

CENELEC CLASSIFICATION Category 2 and 3 (gas and dust);

# **PRESSURIZATION**



Frame range: 355 to 450 IEC

TOM & WEDIUM

VOLTAGE



**Available on request** 

**MEET ATEX DIRECTIVE - EUROPE** 

IEC CLASSIFICATION

CENELEC CLASSIFICATION Category 2 and 3 (gas); Groups IIA, IIB and IIC

### **INCREASED SAFETY**



Certified by:



EEx e motors above 132 frame are being certified by PTB

**MEET ATEX DIRECTIVE - EUROPE** 

IEC CLASSIFICATION Zone 1 and 2; Groups IIA, IIB and IIC; T4

CENELEC CLASSIFICATION

Category 2 and 3 (gas); Groups IIA, IIB and IIC: T4



PB **GERMANY** 

**MEET ATEX DIRECTIVE - EUROPE** 

Certified by:

## **NON-SPARKING**



Manufacturer's Claim of Compliance

**MEET ATEX DIRECTIVE - EUROPE** 



IEC CLASSIFICATION

CENELEC CLASSIFICATION Category 3 (gas); Groups IIA, IIB and IIC; T3



Frame range: 315 to 500 lec MEDIUM VOLTAGE



Certified by:



Manufacturer's Claim of Compliance

**MEET ATEX DIRECTIVE - EUROPE** 

#### THE COMPANY

Present in the 5 continents with export activities in over 100 countries, WEG is currently the largest Latin America electric motor manufacturer and one of the main world players. Founded in 1961, WEG's export activities are supported by its branch offices established in strategic markets, in addition to a network of over 50 representatives and distributors at global level. Ten thousand people are employed in the different manufacturing units which cover over 265.000 square meters of constructed area, with a production of approximately 32,000 motors per day. Counting on a diversified and integrated production program including low and high voltage motors, generators, drives and soft starters, transformers, industrial paints and varnishes, the company carries out activities in several market segments. WEG is keeping with world's best practises are continually incorporating the latest technology into their product manufacturing processes to conform to the highest and most demaging total quality control standards.

#### MANUFACTURING PLANTS IN BRAZIL





WEG EXPORTADORA S.A.
Av. Prefeito Waldemar Grubba, 3000
89256-900 - Jaraguá do Sul - SC - Brazil
Phone: +55 (47) 372-4002 - Fax: +55 (47) 372-4060

E-mail: wex-mark@weg.com.br
Visit us at www.weg.com.br

Besides the above 5 manufacturing plants located in Brazil, WEG has also 4 other manufacturing plants located

around the world: 1 in Portugal, 1 in Mexico and 2 in Argentina.