

HAZARDOUS AREA MOTORS



**NOW AVAILABLE
EXPLOSION PROOF FOR IIC GROUP**



*Transforming energy
into solutions*

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:

INCREASED SAFETY

EXPLOSION PROOF EXPLOSION PROOF WITH INCREASED SAFETY TERMINAL BOX


<p>Frame range: 90 to 355 IEC 143/5 to 586/7 NEMA LOW VOLTAGE</p> 	<p>Certified by:</p> <p>QUALITY ASSURANCE SERVICES Standards Australia AUSTRALIA</p> <p>CEPEL BRAZIL</p> <p>CESI ITALY</p> <p>SP CANADA</p> <p>SABS SOUTH AFRICA</p> <p>UL USA</p> <p>MEET ATEX DIRECTIVE - EUROPE</p>	<p>IEC CLASSIFICATION Zone 1 and 2; Groups IIA and IIB; T4</p> <p>CENELEC CLASSIFICATION Category 2 and 3 (gas); Groups IIA and IIB; T4</p> <p>NEMA CLASSIFICATION Division 1 and 2; Class I; Groups C and D; T4 Division 1 and 2; Class II; Groups F and G; T4</p>
<p>Frame range: 355 to 450 IEC LOW & MEDIUM VOLTAGE</p> 		<p>IEC CLASSIFICATION Zone 1, 2, 21 and 22; Groups IIA and IIB; T4</p> <p>CENELEC CLASSIFICATION Category 2 and 3 (gas and dust); Groups IIA and IIB; T4</p>
<p>Frame range: 90 to 400 IEC LOW VOLTAGE NEW FOR IIC GROUP</p> 	<p>Certified by:</p> <p>IR&D ISEP BELGIUM</p> <p>MEET ATEX DIRECTIVE - EUROPE</p>	<p>IEC CLASSIFICATION Zone 1, 2, 21 and 22; Groups IIA, IIB and IIC; T4</p> <p>CENELEC CLASSIFICATION Category 2 and 3 (gas and dust); Groups IIA, IIB and IIC; T4</p>
<p>Frame range: 315 to 400 IEC MEDIUM VOLTAGE NEW FOR IIC GROUP</p> 		

<p>Frame range: 63 to 132 IEC LOW VOLTAGE</p> <p>W21 line</p> 	<p>Certified by:</p> <p>PTB GERMANY</p> <p>EEx e motors above 132 frame are being certified by PTB</p> <p>MEET ATEX DIRECTIVE - EUROPE</p>	<p>IEC CLASSIFICATION Zone 1 and 2; Groups IIA, IIB and IIC; T4</p> <p>CENELEC CLASSIFICATION Category 2 and 3 (gas); Groups IIA, IIB and IIC; T4</p>
<p>Frame range: 315 to 630 IEC LOW & MEDIUM VOLTAGE</p> 	<p>Certified by:</p> <p>PTB GERMANY</p> <p>MEET ATEX DIRECTIVE - EUROPE</p>	

NON-SPARKING

<p>Frame range: 63 to 315 IEC LOW VOLTAGE</p> <p>W21 line</p> 	<p>Manufacturer's Claim of Compliance</p> <p>MEET ATEX DIRECTIVE - EUROPE</p>	
<p>Frame range: 315 to 630 IEC LOW & MEDIUM VOLTAGE</p> 		<p>IEC CLASSIFICATION Zone 2; Groups IIA, IIB and IIC; T3</p> <p>CENELEC CLASSIFICATION Category 3 (gas); Groups IIA, IIB and IIC; T3</p>
<p>Frame range: 315 to 500 IEC LOW VOLTAGE</p> 	<p>Certified by:</p> <p>Baseefa ENGLAND</p> <p>Manufacturer's Claim of Compliance</p> <p>MEET ATEX DIRECTIVE - EUROPE</p>	
<p>Frame range: 315 to 500 IEC MEDIUM VOLTAGE</p> 		

PRESSURIZATION

<p>Frame range: 315 to 1000 IEC LOW, MEDIUM & HIGH VOLTAGE</p> 	<p>Available on request</p> <p>MEET ATEX DIRECTIVE - EUROPE</p>	<p>IEC CLASSIFICATION Zone 1 and 2; Groups IIA, IIB and IIC</p> <p>CENELEC CLASSIFICATION Category 2 and 3 (gas); Groups IIA, IIB and IIC</p>
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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



Jaraguá do Sul, SC



Jaraguá do Sul, SC



Guararirim, SC



Guarulhos, SP



Blumenau, SC



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.



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