

Technical drawing of a WEG motor, showing front, side, and detail views, along with electrical connection diagrams and a table of specifications.

Top View (Front): Dimensions include 26.690, 22.397, 11.417, 28.740, 44.168, 31.086, 2.498, 14.500, 30.051, 0.409, 1.181, 23.000, 5.793, 29.506, 0.772, 1.890, 15.958, 21.470, 42.415, 36.539, 0.625, 2.021, 2.375, 2.374, 0.625, 2.021, 2.375, 2.374. Section A-A is indicated.

Side View: Dimensions include 13.740, 18.110, 4.331, 32.000, 36.000, 10.000, 4.750, 71.089, 2.498, 14.500, 30.051, 0.409, 1.181, 23.000, 5.793, 29.506, 0.772, 1.890, 15.958, 21.470, 42.415, 36.539, 0.625, 2.021, 2.375, 2.374, 0.625, 2.021, 2.375, 2.374. Section A-A is indicated.

Detail Views: Accessories terminal box detail, Space heaters terminal box detail, and Grounding for leads 25-185mm².

Electrical Connection Diagrams: Temperature detector-02 per phase (PT100-03 leads), Bearing (PT100 - 3 Leads) DE, Bearing (PT100 - 3 Leads) NDE, Space heaters connection diagram, and Grounding for leads 25-185mm².

Table of Specifications:

Carcaça especial / Special frame	
Terminal de aterramento adicional na carcaça (simetricamente oposto) em bronze	Additional bronze grounding lug on frame (symmetrically opposite)
Apto a sensor de vibração SPM / SPM studs	Paintura interna tropicalizada conforme IEEE841 / Tropicalized internal painting according to IEEE841
Sem placa de bornes / Without terminal block	Terminal com furo de diâmetro 13 mm para pino de ligação
Terminal with 13 mm diameter hole for connection bolt	Ventilador externo em ferro fundido com pintura epoxi / Cast iron external fan with epoxy coating
Ilhô especial na passagem dos cabos para a carcaça	Special rubber grommet at the cables entry on frame
Balanceamento especial 1/2 chaveta / Special balancing with half key	Graxeira prolongada em aço inoxidável / Stainless steel extended grease fitting
Planicidade especial dos pés conforme IEEE841/API 541	Special feet flatness according to IEEE841/API 541
Vedação INPRO/SEAL no mancal dianteiro e traseiro / INPRO/SEAL at DE and NDE	Motor com características IEEE841 / Motor with IEEE841 features
Dreno roscado em aço inoxidável / Stainless steel threaded drain	Chaveta B / B key
Suporte especial para a caixa de ligação / Special support for terminal box	Saída de graxa conforme IEEE841 / Grease outlet according to IEEE841
Tampa defletora especial / Special fan cover	Carcaça com furação para pino guia nos quatro pés / Frame with holes for dowel pins on the four feet
Cabos de ligação com terminais especiais / Connection cables with special terminal lugs	Vibração conforme IEEE841 / Vibration according to IEEE841
Cor RAL 5009 / Color RAL 5009	Plano de pintura 214P / Painting plan 214P
Forma construtiva B3D / Mounting B3R(D)	

WEG ELECTRIC CORPORATION - WEC

500002383625		100000181954		FRANCINES		CLEBERP		SCALE		1:16	
500001734801		CARCAÇA ESPECIAL - CLAIM 416937131		RBOECK		CLEBERP		CLEBERP		06.03.2020 04	
ECM		LOC		SUMMARY OF MODIFICATIONS		EXECUTED		CHECKED		RELEASED	
EXECUTED		MAIKONP		MOTOR TRIFÁSICO W50		10003407873		000		05	
CHECKED		CRISLAINEN		FRAME 5809/10 IP55							
RELEASED		CRISLAINEN									
REL DT		05.03.2015		WMO		JARAGUA DO SUL		ENGENHARIA DE PRODUTO		SHEET 1 / 1	

WEG