

GEMS Regulator Equipment Energy Efficiency

Registration #140509

AEM9050

Section 1 - Overview

Models

Model Number	4231491
Brand	WILO
Model Number	4231489
Brand	WILO
Model Number	4231495
Brand	WILO
Model Number	4231485
Brand	WILO

Administrative Details

Status	Approved
Registration Number	AEM9050
Regulatory Authority	Australian Regulator
Regulator Terms Accepted	Yes
Agency	Commonwealth
Submitted Date	30 Jul 2021
Registration Date	4 Aug 2021
Expiry Date	4 Aug 2026
Clock Run Time	5
Date Approved	4 Aug 2021
Archive Status	Not Archived
Suspension Status	Not Suspended
Approval Certificate	Click to download

Registration Type

Appliance Type	Electric Motor (EM)
Product Class	Single product class
Determination	Greenhouse and Energy Minimum Standards (Three Phase Electric Motors) Determination 2019
Single model or a family of models?	Family
Application is For	Standard - MEPS
Model / Test Configuration	Many Models Sharing Many Tests

Applicant Details

Applicant ID	107780
Applicant Organisation Name	Wilo S.E.
Applicant ABN	87150449540
Applicant Contact Name	Killoran Kieran
Applicant Phone	+61 477 226 001
Applicant Fax	+61 477 226 001
Applicant Email	kieran.killoran@wilo.com
Applicant Website	https://wilo.com/au/en/
Applicant Address	Wilopark 1 Wilopark 1, Dortmund, 44263 Germany
Applicant Role	Both manufacturer and importer
Submitter Role	The applicant

Payment

Payment Status	Paid
Payment Method	On-line payment via (Reserve Bank)
Payment Amount	670.0
Payment Date	30 Jul 2021

Administrative Contact

Name	Kieran Killoran
Organisation	WILO Australia PTY Ltd
Job Title	Managing Director
Phone Number	+61 477 226 001
Fax Number	Not supplied
Email	kieran.killoran@wilo.com
Address	2/29 Alexandra PI Murarrie, QLD, 4172 Australia

Technical Contact

Name	David Le Bellego
Organisation	WILO France SAS
Job Title	Design Office
Phone Number	+33243595672
Fax Number	Not supplied
Email	David.LeBellego@wilo.com
Address	80, boulevard de l'Industrie Laval, 53000 France

Accounts Payable Contact

As for administrative contact

Extra Contacts

Name	Franck Deschamps
Contact Type	Administrative
Phone Number	+332435956
Fax Number	Not supplied
Email	franck.deschamps@wilo.com
Address	80 Bd de l'Industrie - CS 90527 LAVAL Cedex, FR-53005 France

Postal Address	80 Bd de l'Industrie - CS 90527 LAVAL Cedex, FR-53005 France
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Information for Public Website

Availability Status	Available
Date First Available	29 Jul 2021
Date Available Until	4 Aug 2026
Publication Status	Published
Publication Date	4 Aug 2021
Product Images	None Supplied
Product Website	http://www.wilo.com
User Manual	None supplied

Section 2 - Product Details

Model Family

Family Name	MEDANA CH1-L Motors (1.1kW)
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Models

Model Number	4231491
Brand	<u>WILO</u>

Model Number	4231489
Brand	<u>WILO</u>

Model Number	4231495
Brand	<u>WILO</u>

Model Number	4231485
Brand	<u>WILO</u>

Manufacturer

Company Name	Wilo S.E.
ABN	87150449540
Address	Wilopark 1 Wilopark 1, Dortmund, 44263 Germany
Contact Name	Kieran Killoran
Company Phone	+61 477 226 001
Company Fax	+61 477 226 001
Company Email	kieran.killoran@wilo.com
Company Website	https://wilo.com/au/en/
Manufacturing Countries	France

Availability

Date of First Availability	29 Jul 2021
Selling Countries	Australia Fiji New Zealand

Date of Manufacture

Method of Determination	From a date permanently marked on the rating plate in an encrypted format
Description of Determination Process	WWwYY with: WW number of the week with 2 digits YY year with 2 digits

Appliance Details

Rated load:	1.1 kW
Frequency:	50 Hz
Number of poles:	2
Motor design type:	TEFC
Mounting code (IEC 60034.7):	B35
Tested Full load RPM:	2830.0 RPM
Current:	2.49 A
Voltage or voltage range marked on nameplate:	230/400
Frame code (IEC 60072/60072A):	71 L
Enclosure code type (IEC 60034-5):	IP55

MEPS

Is MEPS applicable?	Yes - 2018 MEPS Level
At what load does this model comply with MEPS?	both

Test Results

Which test method was used?	2-1-1B
Efficiency:	82.8 %
Power factor:	0.77
Efficiency:	83.3 %
Power factor:	0.68
Efficiency:	81.5 %
Power factor:	0.54

Section 3 - Test Details

Test Report Information

Is a test report provided?	Yes - a test report is provided
Test Report Type	None
Test Standard Used	IEC 60034-2-1 (Edition 2.0)
Test Report Notes	Family models consistent with definition Part 1. 7 Families of models at https://www.legislation.gov.au/Details/F2019L00968

Test Laboratory

Laboratory Name	Wilo France S.A.S.
Laboratory Type	Own Lab
Accreditation Type	None
Accreditation Number	None
Address	80, boulevard de l'Industrie Laval, 53000 France

Test Report(s)

Report Number	Lab16016
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Report Signatory	Le Bellego David
Test Date	2 Feb 2016
Test Unit Serial Number	IEC71-110T 400V50HZ 1.1kwIE3
Test Report File	Supplied