

## GEMS Regulator Equipment Energy Efficiency

## Registration #140505

AEM9049

## Section 1 - Overview

## Models

Model Number	4231471
Brand	<a href="#">WILO</a>

Model Number	4231483
Brand	<a href="#">WILO</a>

Model Number	4231481
Brand	<a href="#">WILO</a>

Model Number	4231473
Brand	<a href="#">WILO</a>

## Administrative Details

Status	Approved
Registration Number	AEM9049
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	<a href="#">Click to download</a>

## 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	<a href="https://wilo.com/au/en/">https://wilo.com/au/en/</a>
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 Pl 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	<a href="http://www.wilo.com">http://www.wilo.com</a>
User Manual	None supplied

## Section 2 - Product Details

#### Model Family

Family Name	MEDANA CH1-L Motors (0.75kW)
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#### Models

Model Number	4231471
Brand	<u>WILO</u>

Model Number	4231483
Brand	<u>WILO</u>

Model Number	4231481
Brand	<u>WILO</u>

Model Number	4231473
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	<a href="https://wilo.com/au/en/">https://wilo.com/au/en/</a>
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:	0.75 kW
Frequency:	50 Hz
Number of poles:	2
Motor design type:	TEFC
Mounting code (IEC 60034.7):	B35
Tested Full load RPM:	2858.0 RPM
Current:	1.84 A
Voltage or voltage range marked on nameplate:	230/400
Frame code (IEC 60072/60072A):	71 M (foot)
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:	80.7 %
Power factor:	0.74
Efficiency:	80.1 %
Power factor:	0.64
Efficiency:	76.8 %
Power factor:	0.49

## 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 <a href="https://www.legislation.gov.au/Details/F2019L00968">https://www.legislation.gov.au/Details/F2019L00968</a>

#### 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	Lab16012
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<b>Report Signatory</b>	Le Bellego David
<b>Test Date</b>	29 Jan 2016
<b>Test Unit Serial Number</b>	IEC71-80T 400V50HZ 0.75kwIE3
<b>Test Report File</b>	Supplied