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Product Environmental Profile

Metal reducers





■ LEGRAND'S ENVIRONMENTAL COMMITMENTS

- Incorporate environmental management into our industrial sites
- Of all Legrand sites worldwide, over 85% are ISO 14001-certified (sites belonging to the Group for more than five years).
- Offer our customers environmentally friendly solutions

Develop innovative solutions to help our customers design more energy efficient, better managed and more environmentally friendly installations.

• Involve the environment in product design and provide informations in compliance with ISO 14025 Reduce the environmental impact of products over their whole life cycle.

Provide our customers with all relevant information (composition, consumption, end of life, etc.).



■ REFERENCE PRODUCT ■



The company reserves the right to change specifications and designs without notice. All illustrations, descriptions, dimensions and weights in the document are for guidance and cannot be held binding on the company.



PRODUCTS CONCERNED

The environmental data is representative of the following products: the total metal reducers offer, as presented in all relevant catalogues (list available on request at the Customer Service).



Total weight of

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■ CONSTITUENT MATERIALS I

This Reference Product contains no substances prohibited by the regulations applicable at the time of its introduction to the market. It respects the restrictions on use of hazardous substances as defined in the RoHS directive 2011/65/EU amended by delegated directive (EU) 2015/863, and its amendment 2017/2102/EU.

Reference Product 0.0330 kg (all packaging included)							
	Product alone weight : 0.0270 kg						
Plastics as % of weight	Met	als as % of weight		Other as % of weight			
		per alloys	81.7%				

		coppo. aeye	• / •				
Packaging (alone) : 0.0060 kg							
Polyethylene (LDPE)	1.0%			Wood	14.5%		
				Cardboard	2.7%		
				Paper	<0.1%		
Total plastics : 0.0003 kg	1.0%	Total metals : 0.0270 kg	81.7%	Total others : 0.0057 kg	17.3%		

At the date of edition of this document, the content of recycled material(s) is:

- Product alone (excluding packaging): 40% by mass
- Packaging only: 12% by mass



■ MANUFACTURE ■

The Reference Product come from a site that observe the applicable legislation for industrial sites.



■ DISTRIBUTION **■**

Products are distributed from logistics centres located with a view to optimize transport efficiency. The Reference Product is therefore transported over an average distance of 780 km by road from our warehouse to the local point of distribution into the European market.

Packaging is compliant with European directive 2004/12/EU concerning packaging and packaging waste.



INSTALLATION ____

For the installation of the product, only standard tools are needed.



USE I

Under normal conditions of use, this product requires no servicing, no maintenance or additional products.



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■ END OF LIFE ■

The product end of life factors are taken into account during the design phase. Dismantling and sorting of components or materials is made as easy as possible with a view to recycling or failing that, another form of reuse.



■ ENVIRONMENTAL IMPACTS

The evaluation of environmental impacts examines the stages of the Reference Product life cycle: manufacturing, distribution, installation, use and end of life. It is representative from products marketed and used in Europe, in compliance with the local current standards

For each phase, the following modelling elements were taken in account:

	Manufacture A1-A3	Materials and components of the product, all transport for the manufacturing, the packaging and the waste generated by the manufacturing.
	Distribution A4	Transport between the last Group distribution centre and an average delivery point in the sales area.
n Limit	Installation A5	The end of life of the packaging.
System	Use B1-B7	 Product category: non consuming product. Use scenario: no energy consumption during the 20 years working life. This modelling duration does not constitute a minimum durability requirement. Energy model: Electricity Mix_Low voltage_2018_Europe_EU-27
	End of life C1-C4	The default end of life scenario maximizing the impacts.
D Mo	dule	Module D is calculated according to PCR-ed4-EN-2021 09 06 based on the materials recycled and the modelled end-of-life scenario. It expresses the net benefits and burdens beyond the boundaries of the system, and are not to be included in the life cycle totals.
	vare and data- used	EIME V6 and its database CODDE-2023-02

Unless otherwise indicated the modelling energetic mix are those integrated in the data modules used from the aformentioned database.



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■ ENVIRONMENTAL IMPACTS ■

	Total Life Cycle		Manufacturing	Distribution	Installation	Use ⁽¹⁾			End of Life
	IOtali	Life Cycle	A1-A3	A4	A5	Total B1-B7	B2	В6	C1-C4
Climate change - total	3.47E-02	kg CO ₂ eq.	9.04E-02	1.30E-03	1.02E-02	0*	0*	0*	3.06E-02
Climate change - fossil fuels	3.08E-02	kg CO ₂ eq.	8.59E-02	1.30E-03	1.53E-03	0*	0*	0*	2.73E-02
Climate change - biogenics	3.88E-03	kg CO ₂ eq.	4.45E-03	0*	8.64E-03	0*	0*	0*	3.33E-03
Climate change - land use and land use transformation	1.92E-08	kg CO ₂ eq.	1.80E-08	0*	0*	0*	0*	0*	5.61E-08
Ozone depletion	6.38E-09	kg CFC-11 eq.	2.24E-08	0*	1.18E-11	0*	0*	0*	1.93E-09
Acidification (AP)	1.01E-03	mole of H+ eq.	3.39E-03	8.22E-06	3.84E-06	0*	0*	0*	3.90E-04
Freshwater eutrophication	3.62E-05	kg P eq.	3.42E-05	0*	0*	0*	0*	0*	1.06E-04
Marine aquatic eutrophication	3.77E-05	kg of N eq.	1.04E-04	3.85E-06	1.45E-06	0*	0*	0*	3.64E-05
Terrestrial eutrophication	4.63E-04	mole of N eq.	1.21E-03	4.23E-05	1.80E-05	0*	0*	0*	5.21E-04
Photochemical ozone formation	1.75E-04	kg NMVOC eq.	5.33E-04	1.07E-05	3.97E-06	0*	0*	0*	1.21E-04
Depletion of abiotic resources - elements	7.49E-06	kg Sb eq.	2.55E-05	0*	0*	0*	0*	0*	3.36E-06
Depletion of abiotic resources - fossil fuels	5.67E-01	MJ	1.76E+00	1.81E-02	7.30E-03	0*	0*	0*	3.88E-01
Water requirement	5.72E-02	m³ deprivation worldwide eq.	1.31E-01	0*	1.10E-03	0*	0*	0*	8.79E-02
Emission of fine particles	5.94E-09	incidence of diseases	2.01E-08	6.69E-11	2.51E-11	0*	0*	0*	2.11E-09

-3.47E-02
-3.16E-03
0.00E+00
-1.08E-08
-2.73E-03
-4.91E-08
-4.05E-05
-4.77E-04
-3.06E-04
-2.16E-05

-1.29E-01

-1.64E-08

Module D -3.79E-02

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^{*}Represents less than 0.01% of the total life cycle of the reference flow.

⁽¹⁾ For the Use phase and according to the current PCR, the information modules B1, B3, B4, B5 and B7, all having indicator values equal to «0» (zero), are not listed in this table In accordance with current PCR rules, the environmental indicator values in the «Module D» column must not be summed with the values in the «Total Life Cycle» column



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	Total Life Cycle		le Manufacturing Distribution		Installation	Use ⁽¹⁾			End of Life
			A1-A3	A4	A5	Total B1-B7	B2	B6	C1-C4
Ionizing radiation, human health	1.20E+00	kBq of U235 eq.	4.57E+00	0*	0*	0*	0*	0*	5.35E-03
Ecotoxicity (fresh water)	4.33E+00	CTUe	7.67E+00	0*	2.03E-03	0*	0*	0*	9.01E+00
Human toxicity, carcinogenic effects	7.83E-08	CTUh	3.02E-07	0*	0*	0*	0*	0*	1.04E-10
Human toxicity, non-carcinogenic effects	2.02E-08	CTUh	6.97E-08	0*	1.03E-11	0*	0*	0*	8.06E-09
Impacts related to land use/soil quality	1.07E-01	-	1.00E-01	0*	0*	0*	0*	0*	3.13E-01
Use of renewable primary energy, excluding renewable primary energy resources used as raw materials	4.49E-02	МЈ	9.20E-02	2.42E-05	2.28E-05	0*	0*	0*	8.06E-02
Use of renewable primary energy resources used as raw materials	2.13E-02	МЈ	1.22E-01	0*	0*	0*	0*	0*	0*
Total use of renewable primary energy resources (primary energy and primary energy resources used as raw materials)	6.63E-02	МЈ	2.14E-01	0*	0*	0*	0*	0*	8.06E-02
Use of non-renewable primary energy, excluding non-renewable primary energy resources used as raw materials	5.54E-01	МЈ	1.74E+00	1.81E-02	7.30E-03	0*	0*	0*	3.88E-01
Use of non-renewable primary energy resources used as raw materials	1.24E-02	MJ	2.31E-02	0*	0*	0*	0*	0*	0*
Total use of non-renewable primary energy resources (primary energy and primary energy resources used as raw materials)	5.67E-01	MJ	1.76E+00	1.81E-02	7.30E-03	0*	0*	0*	3.88E-01

Module D

-4.58E+00 -1.18E+00 -3.04E-07 -3.70E-08 9.24E-09 -6.79E-02 1.33E-05 -6.78E-02 -5.97E-01 0.00E+00 -5.97E-01

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⁽¹⁾ For the Use phase and according to the current PCR, the information modules B1, B3, B4, B5 and B7, all having indicator values equal to «0» (zero), are not listed in this table In accordance with current PCR rules, the environmental indicator values in the «Module D» column must not be summed with the values in the «Total Life Cycle» column



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	Total Life Cycle		Manufacturing Distribution		Installation	Use ⁽¹⁾			End of Life
	Total	ino Oyolo	A1-A3	A4	A5	Total B1-B7	B2	В6	C1-C4
Use of secondary materials	3.06E-02	kg	1.50E-02	0*	0*	0*	0*	0*	0*
Use of renewable secondary fuels	0.00E+00	МЛ	0*	0*	0*	0*	0*	0*	0*
Use of non-renewable secondary fuels	0.00E+00	МЈ	0*	0*	0*	0*	0*	0*	0*
Net use of fresh water	1.15E-02	m³	3.04E-03	0*	2.56E-05	0*	0*	0*	2.05E-03
Hazardous waste disposed of	1.41E+00	kg	1.98E+00	0*	0*	0*	0*	0*	2.71E-02
Non-hazardous waste disposed of	1.99E+00	kg	4.49E-03	4.56E-05	6.44E-03	0*	0*	0*	1.16E-04
Radioactive waste disposed of	5.30E-04	kg	6.85E-06	3.25E-08	1.93E-07	0*	0*	0*	1.81E-07
Components for re-use	0.00E+00	kg	0*	0*	0*	0*	0*	0*	0*
Materials for recycling	5.50E-02	kg	5.18E-03	0*	0*	0*	0*	0*	1.62E-02
Materials for energy recovery	0.00E+00	kg	0*	0*	0*	0*	0*	0*	0*
Exported energy	0.00E+00	MJ	0*	0*	0*	0*	0*	0*	0*
Total use of primary energy during the life cycle	3.87E+02	MJ	1.97E+00	1.81E-02	7.33E-03	0*	0*	0*	4.69E-01
Biogenic carbon content of the product	0.00E+00	kg of C	0*	0*	0*	0*	0*	0*	0*
Biogenic carbon content of the associated packaging	9.67E-03	kg of C	2.15E-03	0*	0*	0*	0*	0*	0*

Module D

0.00E+00 0.00E+00 0.00E+00 -3.00E-03 -1.99E+00 -2.73E-03 -2.89E-06 0.00E+00 0.00E+00 0.00E+00 0.00E+00 -6.65E-01 0.00E+00 0.00E+00

The values of the indicators defined in the PCR-ed4-EN-2021 09 06 are available in the digital database of pep-ecopassport.org website.

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^{*}Represents less than 0.01% of the total life cycle of the reference flow.

⁽¹⁾ For the Use phase and according to the current PCR, the information modules B1, B3, B4, B5 and B7, all having indicator values equal to «0» (zero), are not listed in this table In accordance with current PCR rules, the environmental indicator values in the «Module D» column must not be summed with the values in the «Total Life Cycle» column



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For products covered by the PEP other than the Reference Product, the environmental impacts of each phase of the lifecycle are calculated applying to the environmental impacts of the Reference Product the following extrapolation coefficients.

Designation	Correction factor to apply to each indicators, for each life cycle steps or to the total life cycle
LG-386701	0.4
LG-386702	0.4
LG-386703	0.5
LG-386704	0.7
LG-386705	1.0
LG-386706	1.9
LG-386707	1.3
LG-386708	3.2
LG-386709	2.9
LG-386710	6.4
LG-386711	1.5
LG-386712	1.2
LG-386713	0.6
LG-386714	2.1
LG-386715	4.5
LG-386716	5.5
LG-386717	5.1
LG-386718	21.6
LG-386719	0.8
LG-386721	0.5
LG-386722	0.5
LG-386723	0.6
LG-386724	0.5
LG-386725	0.9
LG-386726	0.9
LG-386727	0.8
LG-386728	0.9
LG-386729	1,0
LG-386730	1.0
LG-386731	3.0
LG-386732	4.2
LG-386733	5.7
LG-386734	7.0
LG-386736	1.2
LG-386738	0.8
LG-386739	0.6
LG-386740	1.4
LG-386741	0.4
LG-386742	0.4
LG-386743	0.5
LG-386744	0.5
LG-386745	0.7
LG-386746	
LG-386746 LG-386747	0.9
	0.7
LG-386748	0.9

LG-386749 0.7 LG-386750 1.0 LG-386751 1.3 LG-386752 2.2 LG-386753 1.4 LG-386754 5.0 LG-386755 1.1 LG-386756 2.0 LG-386757 2.2 LG-386758 1.3 LG-386759 1.3 LG-386760 0.9 LG-386761 0.1 LG-386762 0.5 LG-386763 0.6 LG-386764 0.6 LG-386765 0.7 LG-386766 1.3 LG-386767 1.1 LG-386768 2.2 LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386774 0.4 LG-386775 0.4 LG-386776 0.5 LG-386777 0.6 LG-386781 0.5 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386893 3.1 <td< th=""><th colspan="2">Designation</th><th colspan="5">Correction factor to apply to each indicators, for each life cycle steps or to the total life cycle</th></td<>	Designation		Correction factor to apply to each indicators, for each life cycle steps or to the total life cycle				
LG-386751 1.3 LG-386752 2.2 LG-386753 1.4 LG-386754 5.0 LG-386755 1.1 LG-386756 2.0 LG-386757 2.2 LG-386758 1.3 LG-386759 1.3 LG-386760 0.9 LG-386761 0.1 LG-386762 0.5 LG-386763 0.6 LG-386764 0.6 LG-386765 0.7 LG-386766 1.3 LG-386767 1.1 LG-386768 2.2 LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386781 0.5 LG-386782 0.7 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386821 0.6 LG-386823 0.7 <td< td=""><td></td><td>LG-386749</td><td>0.7</td></td<>		LG-386749	0.7				
LG-386752 2.2 LG-386753 1.4 LG-386754 5.0 LG-386755 1.1 LG-386756 2.0 LG-386757 2.2 LG-386758 1.3 LG-386759 1.3 LG-386760 0.9 LG-386761 0.1 LG-386762 0.5 LG-386763 0.6 LG-386764 0.6 LG-386765 0.7 LG-386766 1.3 LG-386767 1.1 LG-386768 2.2 LG-386769 2.4 LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386781 0.5 LG-386782 0.7 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386821 0.6 LG-386823 0.7 <td< td=""><td></td><td>LG-386750</td><td>1.0</td></td<>		LG-386750	1.0				
LG-386753 1.4 LG-386754 5.0 LG-386755 1.1 LG-386756 2.0 LG-386757 2.2 LG-386758 1.3 LG-386759 1.3 LG-386760 0.9 LG-386761 0.1 LG-386762 0.5 LG-386763 0.6 LG-386764 0.6 LG-386765 0.7 LG-386766 1.3 LG-386767 1.1 LG-386768 2.2 LG-386769 2.4 LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386781 0.5 LG-386782 0.7 LG-386790 0.5 LG-386791 1.0 LG-386793 3.1 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 <td< td=""><td></td><td>LG-386751</td><td>1.3</td></td<>		LG-386751	1.3				
LG-386754 5.0 LG-386755 1.1 LG-386756 2.0 LG-386757 2.2 LG-386758 1.3 LG-386759 1.3 LG-386760 0.9 LG-386761 0.1 LG-386762 0.5 LG-386763 0.6 LG-386764 0.6 LG-386765 0.7 LG-386766 1.3 LG-386767 1.1 LG-386768 2.2 LG-386769 2.4 LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386770 0.6 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386793 3.1 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 <td< td=""><td></td><td>LG-386752</td><td>2.2</td></td<>		LG-386752	2.2				
LG-386755 1.1 LG-386756 2.0 LG-386757 2.2 LG-386758 1.3 LG-386759 1.3 LG-386760 0.9 LG-386761 0.1 LG-386762 0.5 LG-386763 0.6 LG-386764 0.6 LG-386765 0.7 LG-386766 1.3 LG-386767 1.1 LG-386768 2.2 LG-386769 2.4 LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386770 0.6 LG-386771 0.5 LG-386774 0.4 LG-386775 0.4 LG-386781 0.5 LG-386782 0.7 LG-386790 0.5 LG-386791 1.0 LG-386793 3.1 LG-386821 0.6 LG-386823 0.7 <td< td=""><td></td><td>LG-386753</td><td>1.4</td></td<>		LG-386753	1.4				
LG-386756 2.0 LG-386757 2.2 LG-386758 1.3 LG-386759 1.3 LG-386760 0.9 LG-386761 0.1 LG-386762 0.5 LG-386763 0.6 LG-386764 0.6 LG-386765 0.7 LG-386766 1.3 LG-386766 1.3 LG-386767 1.1 LG-386768 2.2 LG-386770 4.6 LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386776 0.5 LG-386777 0.6 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386790 0.5 LG-386791 1.0 LG-386791 1.0 LG-386795 8.8 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386824 0.8 LG-386825 0.9		LG-386754	5.0				
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LG-386760 0.9 LG-386761 0.1 LG-386762 0.5 LG-386763 0.6 LG-386764 0.6 LG-386765 0.7 LG-386766 1.3 LG-386767 1.1 LG-386768 2.2 LG-386769 2.4 LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386776 0.5 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386793 3.1 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386758	1.3				
LG-386761 0.1 LG-386762 0.5 LG-386763 0.6 LG-386764 0.6 LG-386765 0.7 LG-386766 1.3 LG-386767 1.1 LG-386768 2.2 LG-386769 2.4 LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386776 0.5 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386793 3.1 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386759	1.3				
LG-386762 0.5 LG-386763 0.6 LG-386764 0.6 LG-386765 0.7 LG-386766 1.3 LG-386767 1.1 LG-386768 2.2 LG-386769 2.4 LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386776 0.5 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386793 3.1 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386760	0.9				
LG-386763 0.6 LG-386764 0.6 LG-386765 0.7 LG-386766 1.3 LG-386767 1.1 LG-386768 2.2 LG-386769 2.4 LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386776 0.5 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386761	0.1				
LG-386764 0.6 LG-386765 0.7 LG-386766 1.3 LG-386767 1.1 LG-386768 2.2 LG-386769 2.4 LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386777 0.6 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386762	0.5				
LG-386765 0.7 LG-386766 1.3 LG-386767 1.1 LG-386768 2.2 LG-386769 2.4 LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386777 0.6 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386763	0.6				
LG-386766 1.3 LG-386767 1.1 LG-386768 2.2 LG-386769 2.4 LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386777 0.6 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386764	0.6				
LG-386767 1.1 LG-386768 2.2 LG-386769 2.4 LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386776 0.5 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386793 3.1 LG-386794 4.7 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386765	0.7				
LG-386768 2.2 LG-386769 2.4 LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386776 0.5 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386766	1.3				
LG-386769 2.4 LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386776 0.5 LG-386777 0.6 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386794 4.7 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386767	1.1				
LG-386770 4.6 LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386776 0.5 LG-386777 0.6 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386794 4.7 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386768	2.2				
LG-386771 4.5 LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386776 0.5 LG-386777 0.6 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386794 4.7 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386769	2.4				
LG-386772 2.9 LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386776 0.5 LG-386777 0.6 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386794 4.7 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386770	4.6				
LG-386773 0.5 LG-386774 0.4 LG-386775 0.4 LG-386776 0.5 LG-386777 0.6 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386794 4.7 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386771	4.5				
LG-386774 0.4 LG-386775 0.4 LG-386776 0.5 LG-386777 0.6 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386794 4.7 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386772	2.9				
LG-386775 0.4 LG-386776 0.5 LG-386777 0.6 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386794 4.7 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386773	0.5				
LG-386776 0.5 LG-386777 0.6 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386794 4.7 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386774	0.4				
LG-386777 0.6 LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386794 4.7 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386775	0.4				
LG-386781 0.5 LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386794 4.7 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386776	0.5				
LG-386782 0.7 LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386794 4.7 LG-386895 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386777	0.6				
LG-386784 3.8 LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386794 4.7 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386781	0.5				
LG-386790 0.5 LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386794 4.7 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386782	0.7				
LG-386791 1.0 LG-386792 1.6 LG-386793 3.1 LG-386794 4.7 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386784	3.8				
LG-386792 1.6 LG-386793 3.1 LG-386794 4.7 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386790	0.5				
LG-386793 3.1 LG-386794 4.7 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386791	1.0				
LG-386794 4.7 LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386792	1.6				
LG-386795 8.8 LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386793	3.1				
LG-386821 0.6 LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386794	4.7				
LG-386822 0.7 LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386795	8.8				
LG-386823 0.7 LG-386824 0.8 LG-386825 0.9		LG-386821	0.6				
LG-386824 0.8 LG-386825 0.9		LG-386822	0.7				
LG-386825 0.9		LG-386823	0.7				
		LG-386824	0.8				
LG-386826 1.1		LG-386825	0.9				
		LG-386826	1.1				

Designation	Correction factor to apply to each indicators, for each life cycle steps or to the total life cycle
LG-386827	1.3
LG-386828	1.2
LG-386829	1.5
LG-386830	1.6
LG-386831	1.5
LG-386832	1.6
LG-386833	3.5
LG-386834	3.8
LG-386835	3.8
LG-386836	3.7
LG-386837	5.3
LG-386838	5.2
LG-386839	5.7
LG-386840	8.1
LG-386841	0.6
LG-386842	0.5
LG-386843	0.4
LG-386844	0.9
LG-386845	0.9
LG-386846	0.8
LG-386847	1.2
LG-386848	1.3
LG-386849	1.3
LG-386850	1.0
LG-386851	3.0
LG-386852	4.6
LG-386853	6.3
LG-386854	7.0
LG-386855	0.5
LG-386856	0.6
LG-386857	0.8
LG-386858	1.4
LG-386859	0.9
LG-386860	1.2
LG-386861	1.4
LG-386862	1.4
LG-386863	2.2
LG-386864	1.9
LG-386865	1.3
LG-386866	2.6
LG-386867	3.8
LG-386868	3.2
LG-386869	2.9
LG-386870	6.4
LG-3000/U	0.4



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Product Environmental Profile

Metal reducers



Registration number: LGRP-01750-V01.01-EN	Drafting rules: «PEP-PCR-ed4-EN	l-2021 09 06»		
Verifier accreditation N°: VH23	er accreditation N°: VH23 Information and reference document			
Date of issue: 12-2023	Validity period: 5 years			
Independent verification of the declaration and data, in compli	ance with ISO 14025 : 2006			
Internal ☑ External □		PEP		
The PCR review was conducted by a panel of experts chaired by	Julie ORGELET (DDemain)	eco		
PEP are compliant with XP C08-100-1:2016 or EN 50693:2019 The elements of the present PEP cannot be compared with elements	ents from another program	PASS		
Document in compliance with ISO 14025 : 2006: «Environmental la Type III environmental declarations»	abels and declarations.	PORT®		

Environmental data in alignment with EN 15804: 2012 + A2 : 2019