

Declaration on materials and the environment

Product	Туре	ASM124 F120 / F122 ASM124 F320 / F322	
	Description	Damper drive	
	Range	Electric drives	
Product usage	Typical energy consumption p.a.	15 kWh	
	CE conformity	PDS 51.025	
	Servicing, maintenance	PDS no maintenance required	
	How the environment benefits	see last page	
Risk to the environment in the event of damage	Fire protection as per	EN 60695-2-11, EN 60695-10-2	
the event of damage	Fire load ⁽¹⁾	11.5 MJ	
the event of damage	Fire load ⁽¹⁾ Parts containing halogen (causing corrosive smoke)	11.5 MJ power cable motor cable	
the event of damage	Fire load ⁽¹⁾ Parts containing halogen (causing corrosive smoke) Pollutive liquids	11.5 MJ power cable motor cable Lubricant	
the event of damage	Fire load ⁽¹⁾ Parts containing halogen (causing corrosive smoke) Pollutive liquids Explosive substances	11.5 MJ power cable motor cable Lubricant none	
the event of damage Packaging*	Fire load ⁽¹⁾ Parts containing halogen (causing corrosive smoke) Pollutive liquids Explosive substances Cardboard PAP 20 Paper PAP 22 LDPE	11.5 MJ power cable motor cable Lubricant none 65 g 5 g 3 g	

See Remarks on last page

*Directive 94/62/EC and follow-up document; decision 97/129/EC

Materials Total weight of product ⁽²⁾ 1560 g Safety data sheet code** EU waste code** Synthetics PC 204 g Yes 201 39 POM 43 g Yes 2001 39 POM 16 g Yes 2001 39 PPS 16 g Yes 2001 39 PA 66 9 g Yes 2001 39 PE film 2 g Yes 2001 39 Metal 2 g Yes 2001 39 Metal 2 g Yes 2001 39 Metal 2 g Yes 2001 39 Steel 80 g Not required 2001 40 Cast zinc 120 g Not required 2001 40 Bronze 4 g Not required 2001 40 Bronze 4 g Not required 2001 40 Bronze 2 0 01 40 2001 40 2001 40 Bronze 5 g Not required 2001 40 Bronze 2 0 01 90 2001 90 2001 90 <t< th=""><th></th><th></th><th></th><th></th><th>MD 51.025/2</th></t<>					MD 51.025/2
Synthetics PC 204 g Yes 20 01 39 POM 43 g Yes 20 01 39 PPS 16 g Yes 20 01 39 PA 66 6 g Yes 20 01 39 PE film 2 g Yes 20 01 39 Metal 2 g Yes 20 01 39 Steel 6 g Yes 20 01 40 Cast zinc 120 g Not required 20 01 40 Cast aluminium 6 g Not required 20 01 40 Bronze 4 g Not required 20 01 40 Printed board assembly 2 g Not required 20 01 40 Printed board assembly 2 g Not required 20 01 40 Printed board assembly 2 g Not required 20 01 36 Miscellaneous 2 g Not required 2 0 01 36 Proc cable (including copper cores) 8 g Not required 2 0 01 36 PVC cable (including copper cores) 80 g Not required 2 0 01 36 Lubricant 18 g Yes 2 0 01 36	Materials	Total weight of product ⁽²⁾	1560 g	Safety data sheet	EU waste code**
PC 204 g Yes 20 01 39 POM 43 g Yes 20 01 39 PPS 16 g Yes 20 01 39 PA 66 6 g Yes 20 01 39 PE film 2 g Yes 20 01 39 Metal 2 g Yes 20 01 40 Steel 890 g Not required 20 01 40 Cast zinc 120 g Not required 20 01 40 Bronze 4 g Not required 20 01 40 Bronze 4 g Not required 20 01 40 Miscellaneous 2 0 01 40 2 0 01 40 2 0 01 40 Printed circuit board 6 g Not required 2 0 01 40 Bronze 4 g Not required 2 0 01 36 Miscellaneous 2 0 1 36 2 0 01 36 2 0 01 36 Special components 5 g Not required 2 0 01 36 Motor 150 g Not required 2 0 01 36 PVC cable (including copper cores) 80 g Not required 2 0 01 36 Lubricant 18 g Yes 2 0 01 36	Synthetics				
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PPS 16 g Yes 20 01 39 PA 66 6 g Yes 20 01 39 PE film 2 g Yes 20 01 39 Metal 2 g Yes 20 01 40 Steel 890 g Not required 20 01 40 Cast zinc 120 g Not required 20 01 40 Cast aluminium 6 g Not required 20 01 40 Bronze 4 g Not required 20 01 40 Printed board assembly 4 g Not required 20 01 40 Miscellaneous 20 g Not required 20 01 36 Miscellaneous 20 g Not required 20 01 36 Special components 5 g Not required 20 01 36 Motor 150 g Not required 20 01 36 PVC cable (including copper cores) 80 g Not required 20 01 36 Lubricant 18 g Yes 20 01 36	POM		43 g	Yes	20 01 39
PA 66 6 g Yes 20 01 39 PE film 2 g Yes 20 01 39 Metal Steel 890 g Not required 20 01 40 Cast zinc 120 g Not required 20 01 40 Cast aluminium 6 g Not required 20 01 40 Bronze 4 g Not required 20 01 40 Printed circuit board 4 g Not required 20 01 40 Printed board assembly 2 g g Not required 20 01 40 Pinted circuit board 2 0 g Not required 20 01 36 Miscellaneous 2 0 g Not required 2 0 01 36 Special components 5 g Not required 2 0 01 36 Motor 150 g Not required 2 0 01 36 PVC cable (including copper cores) 80 g Not required 2 0 01 36 Lubricant 18 g Yes 2 0 01 36	PPS		16 g	Yes	20 01 39
PE film 2 g Yes 20 01 39 Metal Steel 890 g Not required 20 01 40 Cast zinc 120 g Not required 20 01 40 Cast aluminium 6 g Not required 20 01 40 Bronze 4 g Not required 20 01 40 Printed circuit board 4 g Not required 20 01 40 Printed board assembly 2 g g Not required 20 01 36 Miscellaneous 9 Not required 20 01 99 Special components 5 g Not required 20 01 36 Motor 150 g Not required 20 01 36 PVC cable (including copper cores) 80 g Not required 20 01 36 Lubricant 18 g Yes 20 01 36	PA 66		6 g	Yes	20 01 39
Metal Steel 890 g Not required 20 01 40 Cast zinc 120 g Not required 20 01 40 Cast aluminium 6 g Not required 20 01 40 Bronze 4 g Not required 20 01 40 Printed circuit board 4 g Not required 20 01 40 Printed board assembly 4 g Not required 20 01 36 Miscellaneous 20 01 99 20 01 99 20 01 99 Plastic-bonded permanent magnet 5 g Not required 20 01 36 Motor 150 g Not required 20 01 36 PVC cable (including copper cores) 80 g Not required 20 01 36 Lubricant 18 g Yes 20 01 36	PE film		2 g	Yes	20 01 39
Steel 890 g Not required 20 01 40 Cast zinc 120 g Not required 20 01 40 Cast aluminium 6 g Not required 20 01 40 Bronze 4 g Not required 20 01 40 Printed circuit board 4 g Not required 20 01 40 Printed circuit board 2 g Not required 20 01 40 Miscellaneous 20 01 36 20 01 36 20 01 36 Plastic-bonded permanent magnet 5 g Not required 20 01 36 Special components 150 g Not required 20 01 36 PVC cable (including copper cores) 80 g Not required 20 01 36 Lubricant 18 g Yes 20 01 36	Metal				
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Motor150 gNot required20 01 36PVC cable (including copper cores)80 gNot required20 01 36Lubricant18 gYes20 01 36	Special compone	ents			
PVC cable (including copper cores)80 gNot required20 01 36Lubricant18 gYes20 01 36	Motor		150 g	Not required	20 01 36
Lubricant 18 g Yes 20 01 36	PVC cable (inc	luding copper cores)	80 g	Not required	20 01 36
	Lubricant		18 g	Yes	20 01 36

N.B.:

Silicon content: lubricant and parts used do not contain any silicon

⁽²⁾ See **Remarks** on last page **Directive 75/442/EEC and follow-up document; decision 2001/118/EC

Disposal	 Product: In disposal terms, the product is considered to be waste from electrical and electronic equipment (electrical/electronic waste) and should not be disposed of as household waste. This applies in particular to the printed circuit board. Fr. Sauter Ltd. observes the European directive 2002/95/EG (RoHS); the company's soldered products have been lead-free since 01.07.2006. Special treatment of particular components may, under certain circumstances, be either compulsory by law or ecologically advisable. 			
	Packaging: Recyclable Observe local regulations and the latest applicable laws.			
	Special notes: none			
Remarks	⁽¹⁾ Fire load, depending on type: Accessories:			
	- 0370990 Aux. c/o contacts	3.6 MJ		
	- 0370992 Potentiometer	3.5 MJ		
	⁽²⁾ Weight, depending on type: Accessories:			
	- 0370990 Aux. c/o contacts Packaging: PE 15 g	205 - 215 g		
	- 0370992 Potentiometer Packaging: PE 15 g	215 - 230 g		
	- 0372200 Fixing bracket Packaging: cardboard PAP 20 220 g	1060 g		
	- 0372201 Spindle extension with coupling Packaging: PE 120 g	600 g		
	- 0372202 Lever and tape Packaging: PE 10 g	200 g		
	- 0372203 Connecting piece for contact unit Packaging: PE 10 g	90 g		
	- 0372204 Spindle for clamp on lever Packaging: PE 10 g	240 g		
How the environment benefits	 High performance in relation to size and weight Low energy consumption Easy to dismantle for correct disposal 			

Disclaimer: This declaration is solely for information purposes.

If circumstances arise, Sauter may change the above-mentioned specifications without prior notice. Fr. Sauter Ltd. expressly rejects any liability for damage occurring due to the above information.

Further information on environmental aspects in general and on disposal in particular can be obtained from the local Sauter agent.