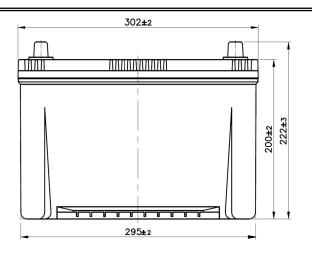
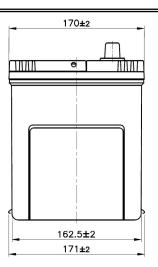


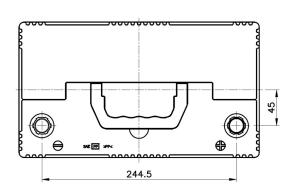
TECHNICAL DATASHEET

Printed: 21/10/2014
Product Management
Transportation Europe

Central Article Code: D31080C11-A Created: 11/11/2013
ETN Code or Other: Modified: 04/03/2014







Final Outlook D3111-A Approval date 15/12/2013

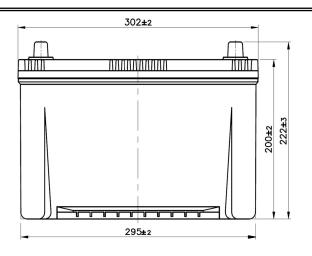
PERFORMANCES			CONTAINER		
Voltage (V):	12 V	Type:	D31	GREY DARK	
C20 (Ah):	95.0 20 h	Hold Down:	Korean B1		
Rc (min):	0	H.D. Adapter:	No		
Cranking (A):	800 EN		COVER		
Vibration:	V1 (35Hz/3g/2h)		COVER		
Endurance:	E1 (180 cycles@25%)	Type:	Double with	GREY DARK	
Charge:	WET	Polarity:	ETN 0		
Technology:	Vented/Flooded	Terminals:	EN taper post		
Grid:	Ca/Ca	Terminal Adapter:	No		
		SOCI:	No		
WEIGHT AN	D STD. DIMENSIONS	Ventilation:	Central		
		Filter:	2 Filters		
Battery Weight (kg ± 5%): 23.6	Lateral Plug:	No		
Volume acid (I ± 5%): 5.6			PLUGS		
Length (mm ± 2): Width (mm ± 2):	306 173	Type: 1	x Vent Sealed (JIS) GREY DARK	
Height (mm ± 2):	222	71			
	222	HANDLES			
		Type: 1	x Integrated	GREY DARK	
			OTHERS		
		Degassing Tube:	No		
All figures show nominal values. Tolerances are according to EN50342 and applicable European Requiations.					

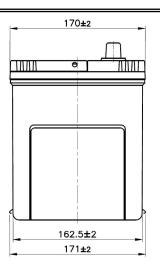


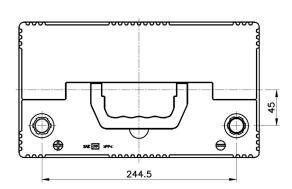
TECHNICAL DATASHEET

Printed: 21/10/2014
Product Management
Transportation Europe

Central Article Code: D31080C12-A Created: 11/11/2013
ETN Code or Other: Modified: 04/03/2014







Final Outlook D3112-A Approval date 15/12/2013

PERFORMANCES				
Voltage (V):	12 V			
C20 (Ah):	95.0	20 h		
Rc (min):	0			
Cranking (A):	800	EN		
Vibration:	V1 (35Hz/3g/2h)			
Endurance:	E1 (180 cycles@25%)			
Charge:	WET			
Technology:	Vented/Flooded			
Grid:	Ca/Ca			
WEIGHT	AND STD. DI	MENSIONS		
Battery Weight (kg +	5%): 23.6			

Type:	D31	GREY DARK
Hold Down:	Korean B1	
H.D. Adapter:	No	

CONTAINER

COVER Double with **GREY DARK** Type: ETN 1 Polarity: Terminals: EN taper post Terminal Adapter: No SOCI: No Ventilation: Central Filter: 2 Filters

Battery Weight (kg ± 5%):	23.6
Volume acid (I ± 5%):	5.6
Length (mm ± 2):	306
Width (mm ± 2):	173
Height (mm ± 2):	222

	PLUGS			
Туре:	1 x Vent Sealed (JIS) GREY DARK			
HANDLES				
Type:	1 x Integrated	GREY DARK		

No

Type: 1 x Integrated GREY DARK

OTHERS

Degassing Tube: No

All figures show nominal values. Tolerances are according to EN50342 and applicable European Regulations.

Lateral Plug: