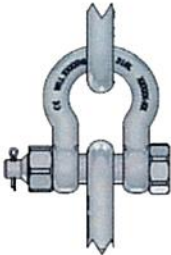
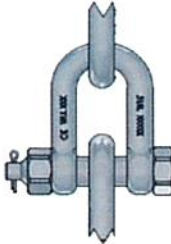
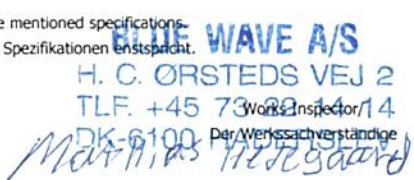


Produktcertificat. 1 No. K.1.83		Version A		Udført: 11-08-25	Ansvarlig: MAH			
customer's Order No./Bestell-Nr. Blue Wave A/S H. C. Ørstedsvvej 2 DK - 6100 Haderslev tlf. +45 73 22 14 14				Inspection Cert. Acc. to: EN.10.204 3.1				
				Certificate No.			Date/Datum	
				B12-39096-3.1			11-08-2025	
				Manufacturer's order no./ Batch no. / Tracebility code 39096				
Article description Bow-shackle size M12 with safety pin								
Extend Of Delivery/Umfang Der Lieferung								
Item No.	Quantity In Order		Quantity Delivered		Tested Quantity according to (EN13889 Tabel 5)			
B11112CE	136		136		4			
Test regime according to EU Directive 2006/42/EC Machine Directive 1: Visual inspection and control of tolerances on finished shackles 2: Testing of the proofload and subsequent checking tolerances according to drawings 3: Breakload testing to insure ductility and toughness of the product								
 Hydraulic cylinder Pull Fix Point 								
Workload limit	Workload limit according to specifications				Remarks			
	1.000 kg							
Proofload	Proofload according to specifications (2xWLL)				Remarks			
	2.000 kg				Within tolerances (passed test)			
Break load	Break load according to specifications (Safety Factor 6:1)				Remarks			
	8.125 kg				The nut stripped the tread and detached from the bolt			
All break loads are based on straight pull in longitudinal direction. Tensile testing machine is calibrated according to DS/EN ISO 7500-1, September 2020 Die bruchlast ist auf einem geraden Zug in Längsrichtung basiert. Die Bruchlast-testmaschine ist kalibriert nach DS/EN ISO 7500-1, September 2020								
Material/ Material		AISI 316L - EN1.4404						
Item/produkt	C	Cr	Ni	Mo	Si	Mn	S	
	% min.-max.							
B11112CE	≤ 0,03%	16,5- 18,5%	10,0-13,0%	2,0-2,5%	≤1%	≤2%	≤0,015	
Surface/ Oberfläche	Vibrated Surface		X			Measurements according to specifications/ Massangabe laut Spezifikation		
					X			
Measure control according to Mil.std. 105.D./ Masskontrolle laut Mil.std. 105.D. Temperatur Range from -40° to 100° (briefly up to 250°)								
 Blue Wave A/S H. C. Ørstedsvvej 2 tlf. +45 73 22 14 14 DK - 6100 Haderslev				We certify that the order is in accordance with the mentioned specifications. Wir bestätigen, dass die Produkte den genannten Spezifikationen entsprechen.				
				Haderslev Date/ Datum				
				11-08-2025				
 Mathias Hedegaard								