

**Notes:**  
Maximum towing speed limit: 10 [kts] STW.

**C**  
Location of Nortek Nucleus with respect to tow point.  
Beam and beam clearance hidden.

Beams do not interfere with guard rail

Note: No. 5 interferes with one of  
Nortek Nucleus 1000 300m beams

Cones illustrate beam and beam clearance  
of Nortek Nucleus 1000 300m


Beam angles of 3.4 deg and +/- 15 deg beam clearance

Position of No. 5, depends on tow speed.

**Preliminary design for customer approval**

PARTS LIST (Assembly)					
No.	Qty	Part Number	Title	Material	Weigth
1	1	0100071-rev0	SCFIII Katria without poles and mags		159.889 kg
2	1	Nortek Nucleus 1000 Upgrade kit	ScanFish Nortek Nucleus 1000 300m Upgrade Kit		0.908 kg
4	1	0100121-rev1	ScanFish Tropheus side scan sonar towarm incl. PSU		6.105 kg
5	1	Edgetech 4200			48.000 kg

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
0.0	Draft	01/05/2025	JGH

Designed by MBMC	Date 29/04/2025		
Approved by JGH	Date 01/05/2025	Size A2	Scale 1 : 20
Drawing ScanFish with Nucleus 1000 or MAG Frame 5.0x0.5		Sheet 2 / 2	Tolerances DS/ISO 2768-1-m, unless otherwise indicated
Drawing number 015000063-0.0			Units All units in [mm], unless otherwise indicated