# ISO 8666:2020 (E)

## Small craft — Principal data

# Contents


Foreword

1 Scope

2 Normative references

3 Terms and definitions

4 Symbols, designations and units

5 Measurements

5.1 General
5.2 Longitudinal
5.2.1 General
5.2.2 Maximum length, Lmax
5.2.3 Length of the hull, LH
5.2.4 Waterline length, LWL
5.3 Athwartship
5.3.1 General
5.3.2 Maximum beam, Bmax
5.3.3 Beam of hull, BH
5.3.4 Beam, waterline, BWL
5.3.5 Maximum beam, waterline, BWLmax
5.3.6 Beam between hull centres, BCB
5.4 Vertical
5.4.1 Maximum depth, Dmax
5.4.2 Midship depth, DLWL/2
5.4.3 Freeboard, F
5.4.3.1 General
5.4.3.2 Freeboard, aft, FA
5.4.3.3 Freeboard, amidships, FM
5.4.3.4 Freeboard, forward, FF
5.4.4 Draught, T
5.4.4.1 General
5.4.4.2 Draught, maximum, Tmax
5.4.4.3 Draught, minimum, Tmin
5.4.4.4 Draught, canoe body, TC
5.4.5 Draught, air, Ha
5.4.6 Headroom
5.5 Other data
5.5.1 Deadrise angle, β
5.5.2 Reference sail area, AS
5.5.3 Standard sail area, A'S
5.5.4 Windage area, Alv
5.5.5 Volume of the craft, V
5.5.5.1 General
5.5.5.2 Volume of the hull, VH
5.5.5.3 Volume of the superstructure, VS

6 Masses

6.1 Mass, net shipping, mN
6.2 Mass, gross shipping, mG
6.3 Mass, light craft, mLC
6.3.1 Items of equipment included in mLC
6.3.1.1 General

6.3.1.2 Structure
6.3.1.3 Ballast
6.3.1.4 Internal structure and accommodation
6.3.1.5 Engine and fuel system
6.3.1.5.1 Permanently installed engine and fuel systems
6.3.1.5.2 Outboard engines
6.3.1.6 Internal equipment
6.3.1.7 External equipment
6.3.2 Items of equipment and other items not included in mLC
6.4 Performance test mass, mP
6.5 Mass of the craft when towed on a trailer, mT
6.5.1 General
6.5.2 Items of equipment included in mT
6.5.2.1 Structure
6.5.2.2 Internal structure and accommodation
6.5.2.3 Internal equipment
6.5.2.4 External equipment
6.5.2.5 Engine and fuel system
6.5.2.5.1 Permanently installed engine and fuel systems
6.5.2.5.2 Outboard engines
6.5.2.6 Tanks, tank contents
6.5.3 Items of equipment not included in mT
6.5.4 Exclusions, inclusions
6.6 Maximum load, mML

7 Loading conditions

7.1 Test condition
7.2 Ready-for-use condition
7.3 Fully loaded ready-for-use condition
7.4 Empty craft condition
7.5 Light craft condition
7.6 Minimum operating condition
7.7 Loaded arrival condition
7.8 Maximum load condition

8 Tolerances

8.1 Published data
8.2 Preliminary specification
8.3 Reference lengths

Page count: 23