

# ISO 6218:2019 (E)

## Inland navigation vessels — Manually- and power-operated coupling devices for rope connections of pushing units and coupled vessels — Safety requirements and main dimensions

---

### Contents

	Foreword
1	Scope
2	Normative references
3	Terms and definitions
4	Safety requirements
4.1	General
4.1.1	Components
4.1.2	General requirements
4.2	Limitation of the actuating power for power-operated coupling devices
4.3	Strength requirements
5	Models
5.1	Operation
5.2	Position of handwheel/motor
5.3	With or without tensioning device
6	Design
6.1	Rope drum
6.1.1	Drum capacity
6.1.2	Drum diameter
6.1.3	Rope fastening
6.2	Handwheel
6.2.1	Clearances
6.2.2	Construction
6.2.3	Handhold
6.3	Power-operated equipment
6.4	Combined operating modes
6.5	Arresting device
6.5.1	General
6.5.2	Arresting devices for manually operated coupling devices
6.5.3	Arresting devices for power-operated coupling devices
6.6	Protective device
6.7	Footbrakes for manually operated coupling devices
6.8	Brakes for power-operated coupling devices
6.9	Gears
6.10	Tensioning device for manually operated coupling systems
6.11	Change gear for manually operated coupling devices
6.12	Foundation
6.13	Guide track
7	Dimensions and characteristic values
7.1	General
7.2	Characteristic values
7.3	Main dimensions of the coupling device
7.3.1	Manually operated coupling device
7.3.2	Power-operated coupling devices
7.4	Foundation

- 8            **Material**
  
- 9            **Operating instructions and assembly instructions**
  - 9.1          **General**
  - 9.2          **Assembly instructions**
  - 9.3          **Operating instructions**
  
- 10          **Designation — Examples**
  
- 11          **Marking**
  
- Annex A (normative) Individual and type testing**
  - A.1          **Selection of samples for type testing**
  - A.2          **Visual examination**
  - A.3          **Loading test**
    - A.3.1        **General**
    - A.3.2        **Test for manually operated coupling devices**
    - A.3.3        **Test for power-operated coupling devices**

Page count: 15