Towing Pins

General

TUGPINS is an innovative designer and producer of towing pins for tugboats, anchor handling-, multipurpose- and aquaculture vessels. Our towing pins are known for their high quality, user-friendliness and easy maintenance. This guarantees an optimal and cost effective use of the vessel.

Towing pins prevent lines or chains sweeping across the deck during operation and are flush deck when not in operation to allow an optimal use of deck space. Our towing pin systems are being preserved with an offshore coating and can also be supplied as a modular (M) design which can be lifted out from the deck at any given time for maintenance purposes.

TUGPINS also offers bespoke systems at customer request. We supply towing pins to the maritime industry for both new construction and refit projects and are available with a Safe Working Load (SWL) up to 100 Metric Ton (MT).

KEY FEATURES

- 100% watertight
- Compact and modular design
- Safe Working Load up to 100 MT
- Quick release

KEY BENEFITS

- No / less corrosion
- No water below deck
- Reduced weight
- Reduced maintenance
- Environmental friendly
- Reduced operational cost (Opex)
- Easy to install
- Quick delivery

APPLICATIONS

- Dredger support
- Anchor handling
- Buoy handling

ADDITIONAL INFORMATION

More information can be found at:

www.tugpins.com

Youtube: tugpins

Watertight Plus system (patented)

TUGPINS towing pins are equipped with our patented Watertight Plus (WP) system. This innovation addresses the number one cause of problems: the damage of the internal mechanical system due to corrosion. Our patented WP designs are 100% watertight during their lifespan.

Because seawater cannot penetrate the system, the towing pins made by TUGPINS have a number of advantages:

- Less maintenance and reduced operational costs (Opex)
- Longer lifespan
- More sustainable than comparable systems on the market, because TUGPINS systems use a light, biodegradable oil instead of traditional lubricants.

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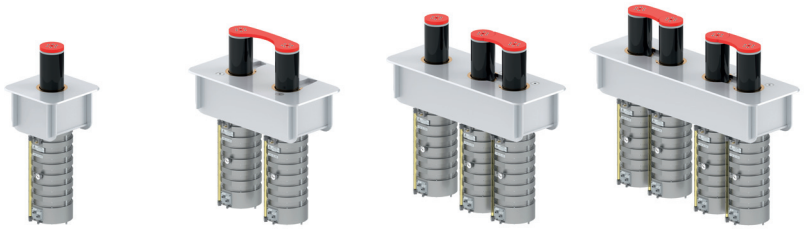

		GP1-WP	GP2-WP	GP3-WP	GP4-WP
Dimensions	Lenght (mm)	665	1400	1750	2150
	Width (mm)	665	665	665	665
	Height (mm)*	1275	1275	1275	1275
Weight (kg)		850	1650	2250	3000
Guide pins	Number	1	2	3	4
	Stroke (mm)	400	400	400	400
	Pitch 1 (mm)	N/A	595	595	400
	Pitch 2 (mm)	N/A	N/A	595	595
	Pitch 3 (mm)	N/A	N/A	N/A	400
	Diameter (mm)	220	220	220	220
Suitable for diameter		32-64	32-64	32-64	32-64
Safe Working Load (MT)		25-100	25-100	25-100	25-100
Standard certification		●	●	●	●

Options / complementary products

- Hydraulic Power Unit
- Control box
- Accumulator
- Control panel
- Remote control
- Fork
- Shark Jaw
- Automatic lubrication system
- Certification

* For installation & maintenance purpose, please add an extra 200 mm

TUGPINS

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