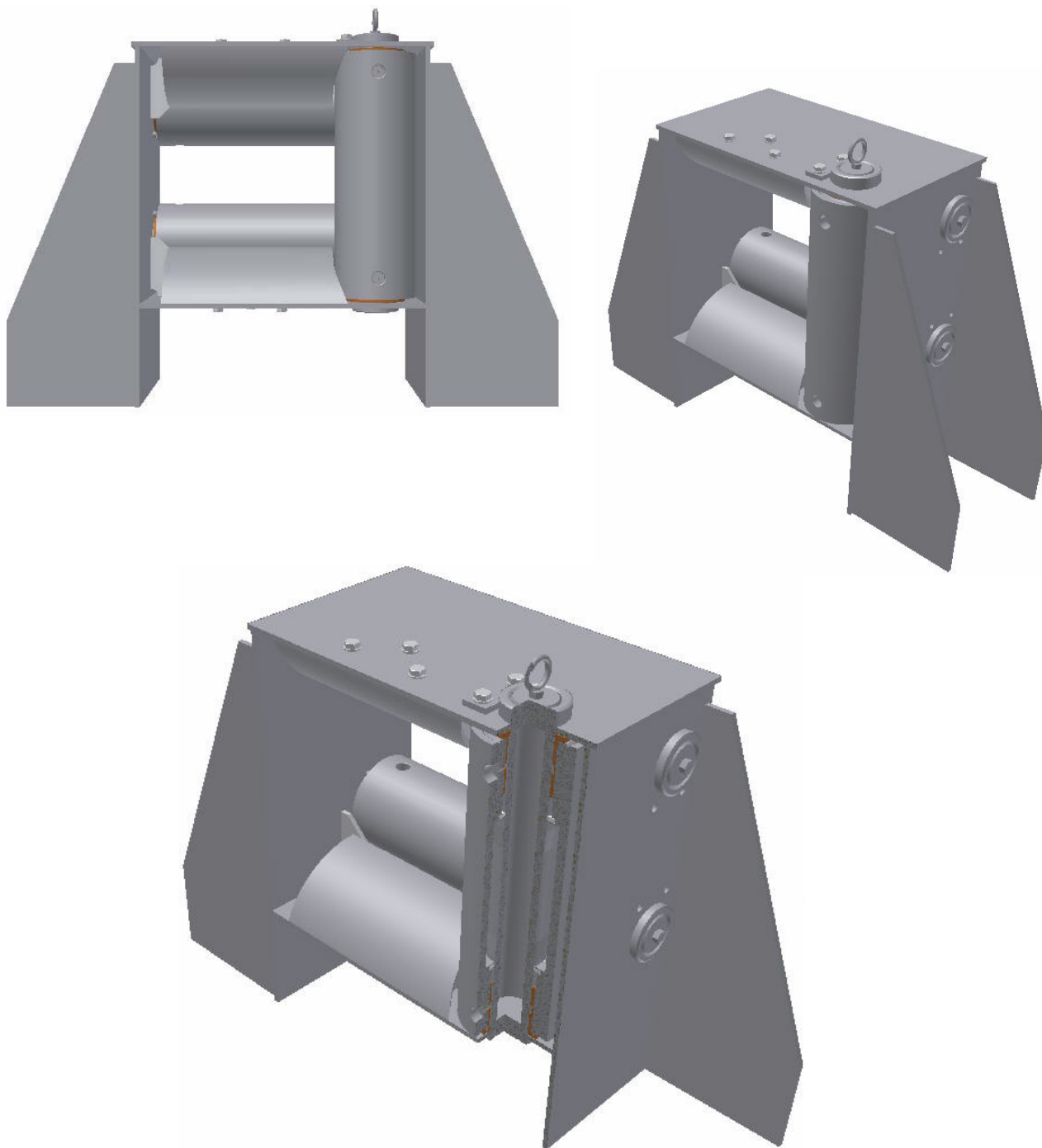


TM 503001L-R/L 3-Roller Universal Fairlead (Right/Left)



SECTION VIEW

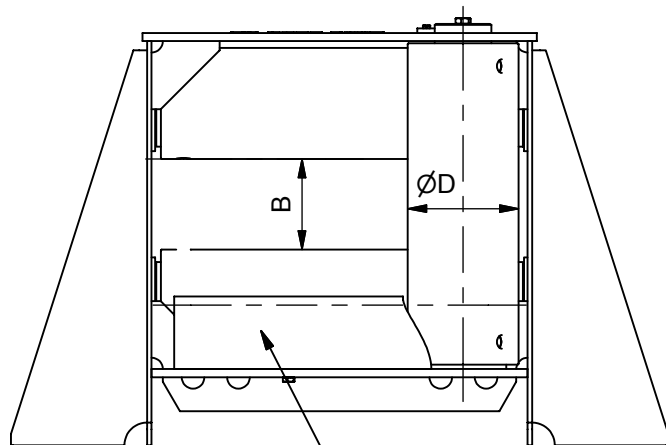
See reverse for details ⇒

TECH-MARINE EQUIPMENT APS

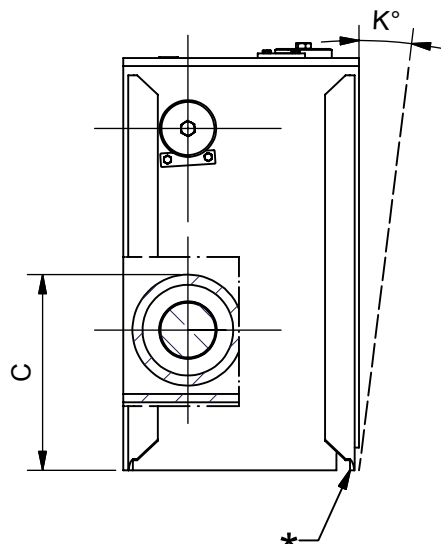
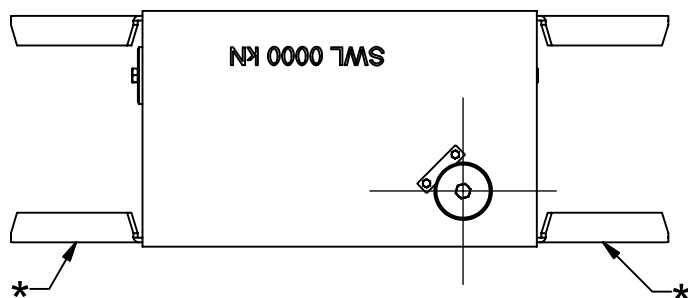
ESRUMVEJ 421 • 3080 TIKØB • DENMARK

E-mail: Tech-Marine@Tech-Marine.dk • www.tech-marine.dk

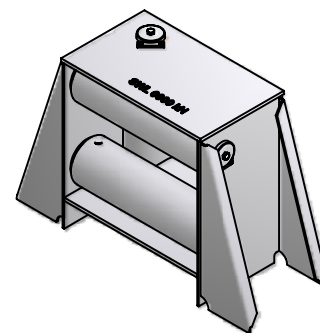
Phone +45 4970 4395 • Fax + 45 4970 1769 • CVR 25 99 96 49



Rope guides in top and bottom are optional

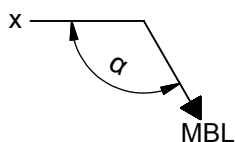


Fairleads can be delivered with watertight cover
See TM standard TM 503009 and TM 503010



General dimensions

Type	SWL [kN]	Rope Load (MBL) kN	B	C min.	Ø D
DN 140	370	370 ¹⁾	100	324	139.7
DN 194	735	735 ¹⁾	200	376	193.7
DN 220	977	977 ¹⁾	200	409	219.1
DN 245	1128	1128 ¹⁾	200	427	244.5



1) Winding angle (minimum angle between towlines)
Vertical roller 90°
Horizontal roller 120°

Orientation:

L = Vertical Roller placed in Left side (as shown)
R = Vertical Roller placed in right side (mirrored)

TYPE:

BA - Basic type without brackets
DE - Deck type as shown
BW - Bulwark type delivered without brackets marked with an *

Dimensions C and K to be specified by the customer.

Order: TM 503001L-Orientation-DN-Type-Shaft-Bearing-C-K°

Example: TM 503001L-L-194-BW-355-Br-800-10°

Surface treatment:
SA2.5 + 25 my HEMPEL shopprimer ZS 15890 Grey

Shaft Material:
316L - Stainless Steel AISI 316L
355J2 - Black Steel S355J2

Bearing Material:
Br - Bronze
Pt - PTFE

Material:
Certificates: 3.1 acc. to EN 10204:2004
Tolerances: EN 13920 / 22768

Constructed in compliance with IMO Guidance On Shipboard Towing And Mooring Equipment, MSC/Circ.1175 of 24 May 2005.

Design load 1.25 x SWL
Allowable stresses 100/60 % of min yield point

Suitable strengthening at deck/shell bulwark by the yard.
Upon installation the strengthening should be test loaded to the equivalent SWL at the specified angle and a test certificate issued.
The test certificate should be available for inspection on board ship.

STANDARD

Tech-Marine Equipment ApS
Esrumvej 421 - DK 3080 Tikøb
Phone: +45 4970 4395 Fax. +45 4970 1769

TM 503001L - R/L

Universal Fairlead

3-roller fairlead Right/Left

Date

Checked by

Revision:

06-03-2009

E

Sheet

2 of 2

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