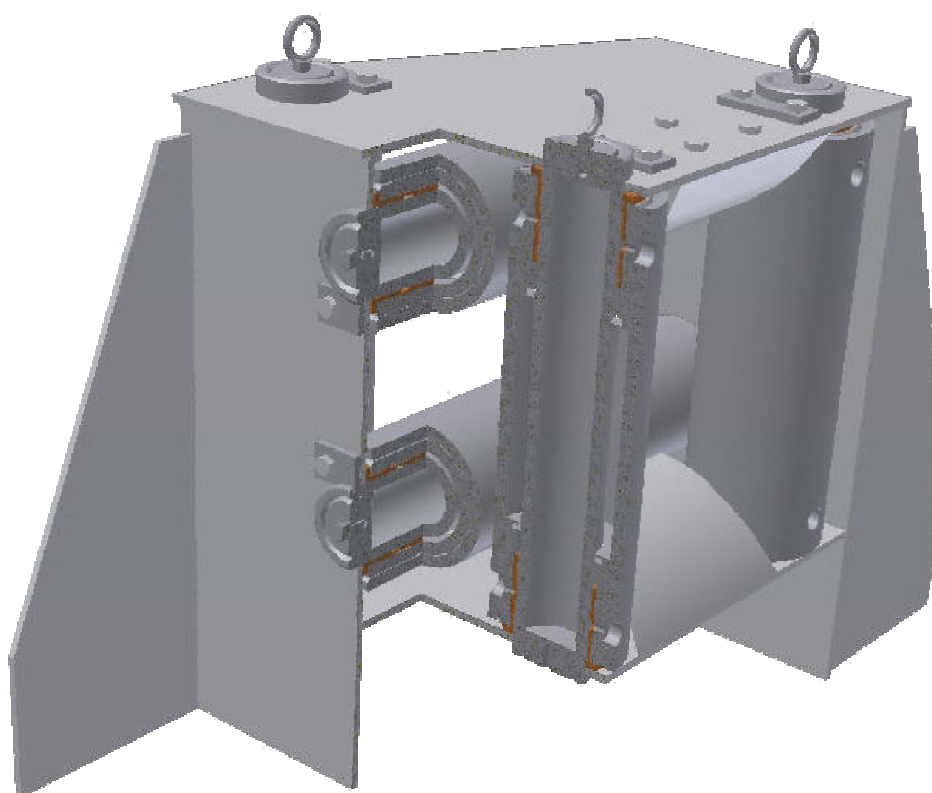
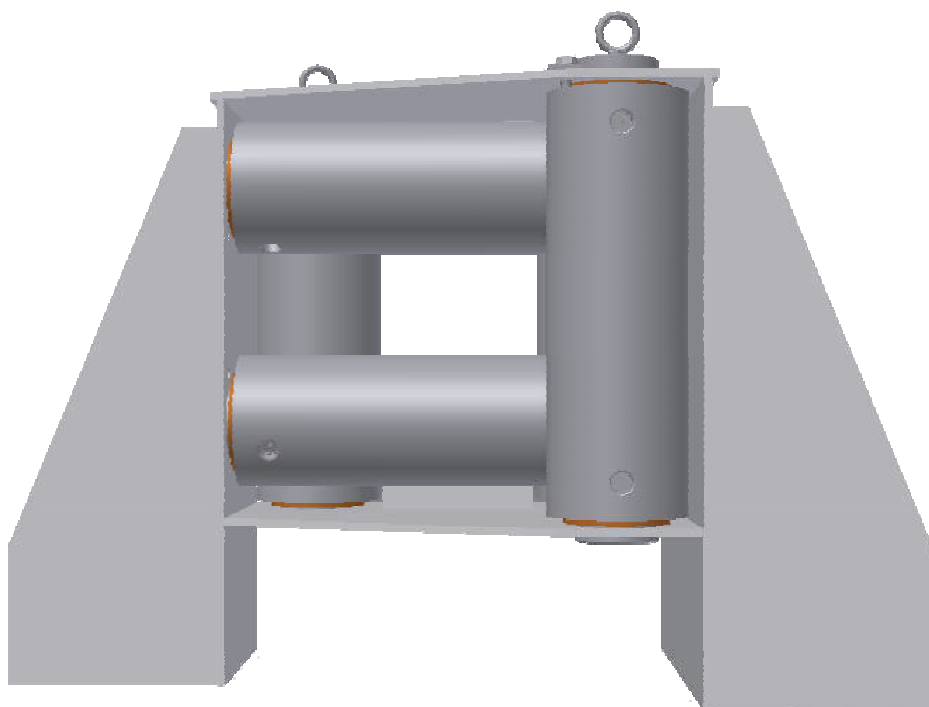


TM 503003L-R/L 5-Roller Universal Fairlead



SECTION VIEW

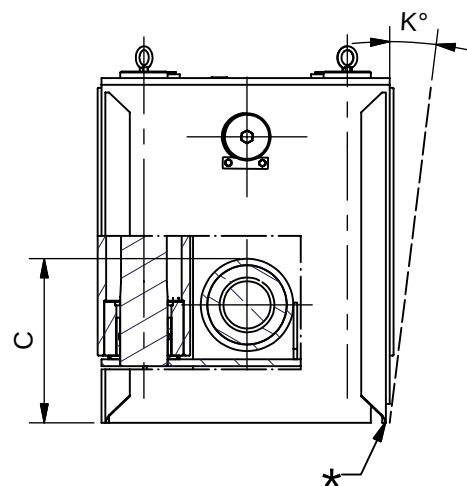
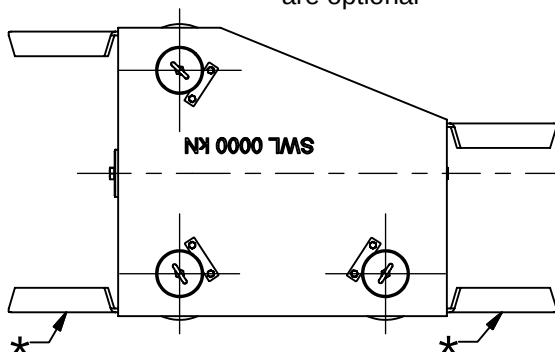
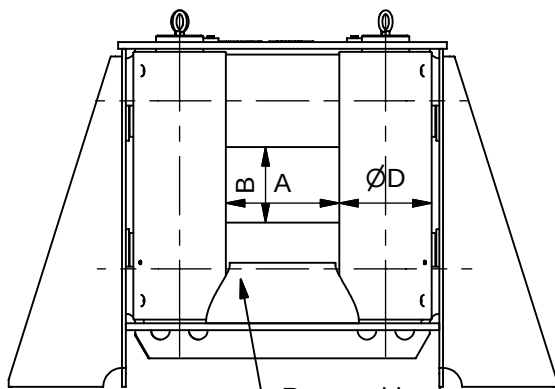
See reverse for details ⇒

TECH-MARINE EQUIPMENT APS

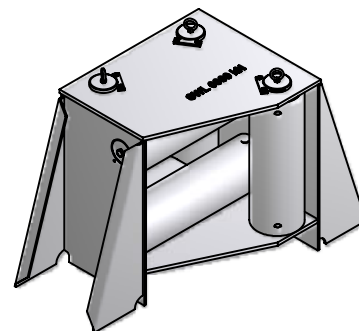
ESRUMVEJ 421 • 3080 TIKØB • DENMARK

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

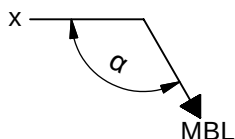
Phone +45 4970 4395 • Fax: + 45 4970 1769 • CVR 25 99 96 49



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



General dimensions						
Type	SWL [kN]	Rope Load (MBL) kN	A	B	C min.	ØD
DN 140	370	370 ¹⁾	200	100	324	139.7
DN 194	735	735 ¹⁾	300	200	376	193.7
DN 220	977	977 ¹⁾	300	200	409	219.1
DN 245	1128	1128 ¹⁾	300	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 503003L-Orientation-DN-Type-Shaft-Bearing-C-K'

Example: TM 503003L-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. o 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 503003L - R/L

Universal fairlead

5-roller fairlead Right/Left

Date

Checked by

Revision:

06-03-2009

E

Sheet

2 of 2

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