



Notice #02/2024 – Revised 21 February 2024

CS50 Outhaul & Jib Tack Hydraulic Rams

The original supplier of the hydraulic rams for the Outhaul & Jib Tack (Meridian) is no longer able to supply replacements or spare for the hydraulic rams supplied with the CS50.

Based on this the 50CA in association with Nautor Swan Global Service have investigated the alternatives and the CS50 Class Rules for 2024 will include options for alternative hydraulic rams for the Outhaul & Jib Tack from Harken, this was changed for the original proposed option of Cariboni to get closer the the maximum pull on the Cunningham Ram – A factor that has driven the choice of ram is that from a load management perspective we are not permitted to specify a Cunningham ram with an increased pull than the existing Meridian ram.

The permitted alternative Harken Hydraulic rams are:

Outhaul HYCS035130230BLC

Jib Tack HYCS025110360BLC

For reference a comparison of the Meridian & Harken hydraulic rams is provided below:

OUTHAUL		
	Meridian	Harken
Model	HPC350.250.CM-10.AB.RFC.RLE	HYCS035130230B LC
Rod Size	14mm	13mm
Maximum Pull	2880kg	2922kg
Minimum Breaking Strength	5760kg	5851kg
Stroke	250mm	230mm
Closed Length	550,5mm	494mm
Extended Length	800,5mm	724mm
Gap & Pin	13,1mm	12.7mm
Weight	2kg (+/-)	1.54kg (+/-)

CUNNINGHAM		
	Meridian	Harken
Model	HPC350.300.CM-06.AB.RFC.RLE	HYCS025110360B LC
Rod Size	12mm	11mm
Maximum Pull	1490kg	1440kg
Minimum Breaking Strength	2980kg	2903kg
Stroke	300mm	360mm
Closed Length	570mm	569mm
Extended Length	870mm	929mm
Gap & Pin	11,1mm	11.1mm
Weight	1.7kg (+/-)	1.13kg (+/-)

NSGS have made an agreement with Harken to supply these hydraulic rams for the CS50 fleet and to hold stock of spares and any replacement rams should be ordered through NSGS.

Contact: German Farcic
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ClubSwan 50 Class Authority
 21 February 2024