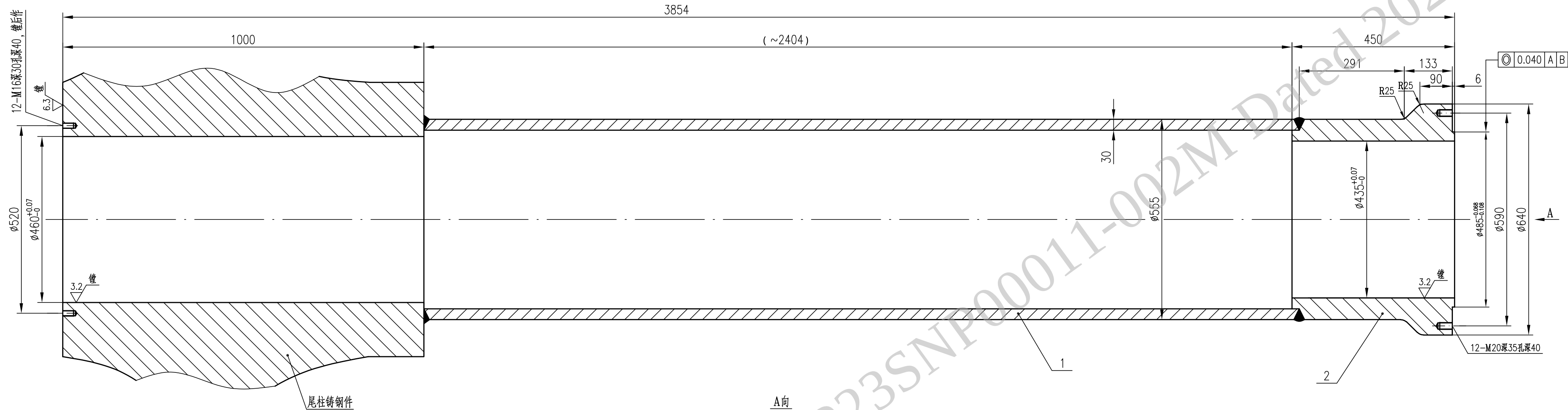




化学成分 chemical composition (%)

C	Si	Mn	S	P	残余元素 residuals			
					Cr	Mo	Ni	Cu
0.20	0.50	0.80	≤0.04	≤0.04	≤0.30	≤0.15	≤0.40	≤0.30

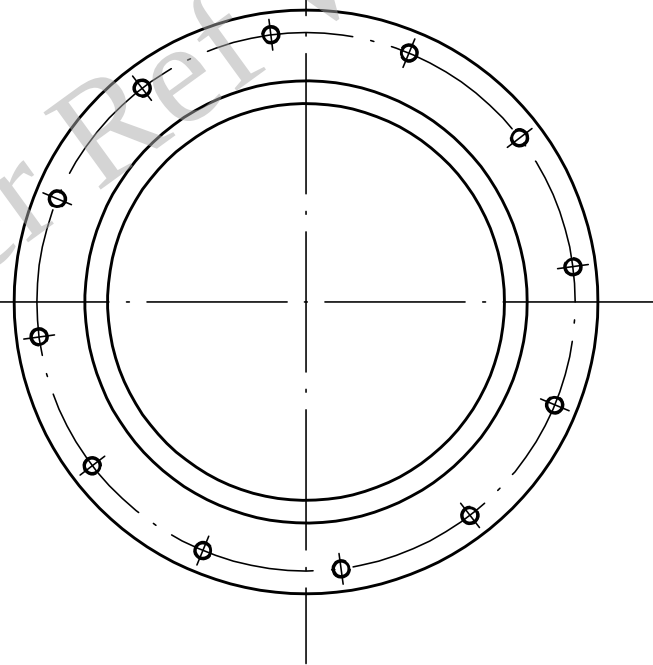
力学性能 mechanical property

抗拉强度 R_m 不小于 Tensile strength R_m min. (N/mm ²)	屈服点 R_{eH} 不小于 Yield stress R_{eH} min. (N/mm ²)	伸长率 A_5 不小于 Elongation A_5 min. (%)	断面收缩率 Z 不小于 Reduction of area Z min. (%)
400	200	25	40

TECHNICAL REQUIREMENTS

- Chemical composition, mechanical property, heat treatment, test and manufacture of the stern tube material should content to relative requirements of CCS Material & Welded Rules. The mechanical property and chemical composition of the cast steel are shown in the table, and the total residuals should not more than 0.80%.
- The cast steel pieces should be annealed or time effect treatment after being welded and before finishing cut.
- The stern tube should be carried out 0.2MPa hydraulic test after manufactured, and it should have no leakage.
- All sharp edges should chamfer.
- The non-surface of stern tube cavity should be cleaned. Before fixing, the external surface except the contact surface and the flange plane should paint rust-proofing primer and finish coat twice.

A向



技术要求

- 尾轴管材料的化学成分、力学性能、热处理及制造试验等应满足CCS规范相关章节的要求,铸钢件的化学成分及力学性能见图中表格,残余元素总量应不超过0.80%。
- 焊件应作消应力退火热处理。
- 尾轴管制作后,作0.2MPa的水压试验,不得有渗漏现象。
- 锐边倒钝。
- 尾轴管内腔的非加工表面应清洗干净,装船前,除配合表面及法兰平面外,外表面涂防锈底漆两度,面漆两度。

中国船级社
CHINA CLASSIFICATION SOCIETY
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Not subject to approval
Used for information
See letter No. WP23SNP00011-002M
Date: 2023-09-12

2		前轴承座 Fore bearing pedestal	1	ZG200-400			
1	GB/T8162-2008	无缝钢管 Seamless steel pipe	1	20			
序号	代 号	名 称	数量	材 料/规 格	单 件 SINGLE	总 重 TOTAL	备 注
NO.	CODE	NAME	QTY.	MATERIAL/SPECIFICATION	重 量 WEIGHT (Kg)		REMARK
项目名称 签 名 SIGN		6300DWT 沥青船 6,300DWT ASPHALT CARRIER			技术设计 TECHNICAL DESIGN		
设 绘DESIGNED		袁高意		图 号 DWG. NO.	当前版本 CUR.REV.	0	船 级 社 CLASS
校 对CHECKED		蔡力		船 厂 SHIPYARD	NDF5105A-425-05		
审 核VERIFIED		徐海平		船 号 HULL NO.			
审 定APPROVED				控 制 号 REG. NO.	-		
日 期DATE		2023.07		质量kg WEIGHT	比 例 SCALE	1:8	页 数 PAGES
宁波东方船舶设计院 NINGBO ORIENTAL SHIP DESIGN INSTITUTE				地址：宁波市江东区江东北路375号和丰创意广场丰庭楼11楼 邮编：315040 总机：0574-87677766 传真：0574-87676628			