NIPPON KAIJI KYOKAI

Certificate Number : 21TI050

Date : 15 December 2021

CERTIFICATE FOR APPROVAL OF MANUFACTURERS

THIS IS TO CERTIFY THAT the works of

KAWASAKI HEAVY INDUSTRIES, LTD.,
PRECISION MACHINERY COMPANY
NISHI-KOBE WORKS
Hyogo, Japan

have been surveyed by NIPPON KAIJI KYOKAI *for approval of the Quality Assurance System as well as Production procedures/facilities, Workmanship and Inspection/testing methods under the Rules for Approval of Manufacturers and found to be competent to produce*

Hydraulic Pumps and Hydraulic Motors

to be installed/fitted in ships classed or intended for classification with the society.
This certificate is valid until **21 December 2026** *subject to periodical surveillance.*

Approval Number : **95CLQA44**

NIPPON KAIJI KYOKAI

(Y. Iga)
General Manager of Survey Department

Note : This certificate is subject to the conditions as per attached sheet.

ClassNK

NIPPON KAIJI KYOKAI

Attachment to
Certificate Number 21TI050

Name of Manufacturer :

KAWASAKI HEAVY INDUSTRIES, LTD.,
PRECISION MACHINERY COMPANY NISHI-KOBE WORKS

Address of Manufacturer :

234, Matsumoto, Hasetani-cho, Nishi-ku, Kobe, Hyogo-Pref., Japan

Articles and Approval Conditions of Products :

- SCREW PUMP :

Max. Pressure	24.5	Mpa
Max. Displacement	10440	cm^3
Max. Speed	3600	min^{-1}
Max. Power Consumption	555	kW

- AXIAL PUMP・MOTOR :

Max. Pressure	39.2	MPa
Max. Displacement	737	cm^3
Max. Speed	5150	min^{-1}
Max. Theoretical Torque	28.1	kN・m

- RADIAL PISTON MOTOR :

Max. Pressure	24.5	MPa
Max. Displacement	3087	cm^3
Max. Speed	500	min^{-1}
Max. Theoretical Torque	9.56	kN.m

- RADIAL PUMP :

Max. Pressure	24.5	MPa
Max. Displacement	22.5	cm^3
Max. Speed	1800	min^{-1}
Max. Theoretical Torque	59.8	N・m

Related Documents :

- Quality Manual (501000 Rev. 5 of 2 Aug 2021)
- NK Assessment Record (21KB-01121)

-- The End --