



Confirmation of Product Type Approval

Company Name: PARKER HANNIFIN HYDRAULIC PUMP DIVISION

Address: 14249 INDUSTRIAL PARKWAY MARYSVILLE OH 430409551 United States

Product: Pump, Hydraulic

Model(s): Gold Cup Pumps and Motors: P6, P7, P8, P11, P14, P24, P30; M6, M7, M8, M11, M14, M24, M30.

Endorsements:

Certificate Type	Certificate Number	Issue Date	Expiry Date
Product Design Assessment (PDA)	23-2423806-PDA	14-JUL-2023	13-JUL-2028
Manufacturing Assessment (MA)	22-5377371	19-JUL-2022	18-JUL-2027
Product Quality Assurance (PQA)	NA	NA	NA

Tier

3 - Type Approved, unit certification not required

Intended Service

Marine Application: Steering Gear Power Unit Pumps.

Description

Denison Gold Cup Pumps P6, P7, P8, P11, P14, P24, and P30;

Denison Gold Cup Motors: M6, M7, M8, M11, M14, M24 and M30.

Ratings

Series P6: 5000 psi @ 1800 RPM, 6.00 in³ Max. Displacement

Series P7: 5000 psi @ 1800 RPM, 7.25 in³ Max. Displacement

Series P8: 5000 psi @ 1800 RPM, 8.00 in³ Max. Displacement

Series P11: 5000 psi @ 1800 RPM, 11.00 in³ Max. Displacement

Series P14: 5000 psi @ 1800 RPM, 14.00 in³ Max. Displacement

Series P24: 5000 psi @ 1800 RPM, 24.60 in³ Max. Displacement

Series P30: 5000 psi @ 1800 RPM, 30.60 in³ Max. Displacement

Service Restrictions

Unit Certification is required for this product if the pumps are used for services listed in Marine Vessel Rules (MVR) 4-6-1/7.3.1.

Hydrostatic and Capacity testing is to be performed at the manufacturer's plant in the presence and to the satisfaction of the Surveyor as indicated in MVR 4-6-1/7.3.2 a) & b).

Comments

The manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

Notes, Drawings and Documentation

Drawing No. AP-0344, P24P Var Displacement Pump SD-01631-D, Revision: -,

Drawing No. AP-03442, 30 in3 Variable Pump SD-01630-D, Revision: -,

Drawing No. HY28-2667-01/GC/NA,EU, Catalog, Revision: -,

Drawing No. SD-0114-, Assembly -24CIPR Fixed Disp Motor, Revision: -,

Drawing No. SD-01630, P30P/S VV Pump Less Control, Revision: -,

Drawing No. SD-01631, P24P/S VV Pump Less Controls, Revision: -,

Drawing No. TP-01917, Production Test Procedure 11.0 & 14.0 Pump VV, Revision: -,

Drawing No. TP-02062, Production Test Procedure 6.0, 7025, 8.0 Pump VV, Revision: -,

Drawing No. TP-03030, Production Test Procedure 24 CIPR Pump VV Aux Pkg, Revision: -,

Drawing No. TP-03388, Production Test Procedure 24 CIPR PUMP, V.V., AUX. PKG., Revision: -,

Term of Validity

This Product Design Assessment (PDA) Certificate remains valid until 13/Jul/2028 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

ABS Rules

2023 Rules for Conditions of Classification, 1-1-4/7.7, 1-1-A3,1-1-A4, which covers the following:

2023 Rules for Building and Classing Marine Vessels: 4-1-1/Table 6, 4-3-4/19.5, 4-6-1/7.3.1 (i), 4-6-1/7.3.2, 4-6-1/7.5.3;

International Standards

NA

EU-MED Standards

NA

National Standards

NA

Government Standards

NA

Other Standards

None



A handwritten signature in dark ink, appearing to read "James W. Wilson".

Corporate ABS Programs
American Bureau of Shipping
Print Date and Time: 17-Jan-2024 3:02

ABS has used due diligence in the preparation of this certificate, and it represents the information on the product in the ABS Records as of the date and time the certificate is printed.

If the Rules and/or standards used in the PDA evaluation are revised or if there is a design modification (whichever occurs first), a PDA revalidation may be necessary.

The continued validity of the MA is dependent on completion of satisfactory audits as required by the ABS Rules. The validity of both PDA and MA entitles the product to receive a **Confirmation of Product Type Approval**.

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or prior to the effective date of the ABS Rules and standards applied at the time of PDA issuance. ABS makes no representations regarding Type Approval of the Product for use on vessels, MODUs or facilities built after the date of the ABS Rules used for this evaluation.

Type Approval requires Drawing Assessment, Prototype Testing and assessment of the manufacturer's quality assurance and quality control arrangements. The manufacturer is responsible to maintain compliance with all specifications applicable to the product design assessment. Unless specifically indicated in the description of the product, certification under type approval does not waive requirements for witnessed inspection or additional survey for product use on a vessel, MODU or facility intended to be ABS classed or that is presently in class with ABS.

Due to wide variety of specifications used in the products ABS has evaluated for Type Approval, it is part of our contract that; whether the standard is an ABS Rule or a non-ABS Rule, the Client has full responsibility for continued compliance with the standard.

Questions regarding the validity of ABS Rules or the need for supplemental testing or inspection of such products should, in all cases, be addressed to ABS.