# TECHNICAL BULLETIN

PROGRESSING CAVITY PUMPS | LS-TB-O15



**BULLETIN NO. TOPIC ISSUE DATE ISSUED BY** LS-TB-015 V1

PC PUMP LAYOUTS, OVERVIEW AND ISO DATASHEET

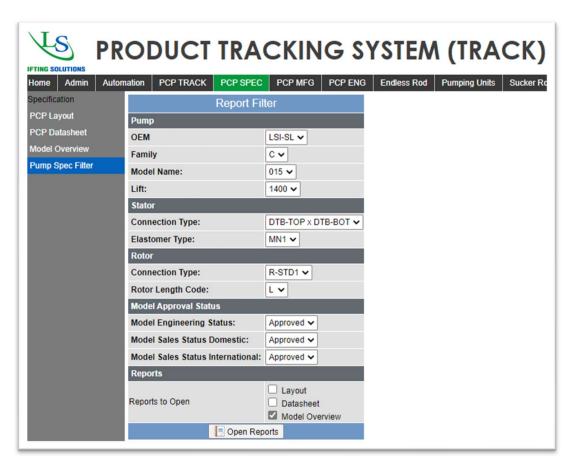
#### **MARCH 9 2020 ENGINEERING**

## **BACKGROUND**

In effort to digitize the flow of information about our Progressing Cavity Pump (PCP) Product Line a Specification Configurator has been setup in the Product Tracking System. This self-serve module is designed to provide specification information to internal users. PDF versions can be printed and emailed to Clients/End Users if required.

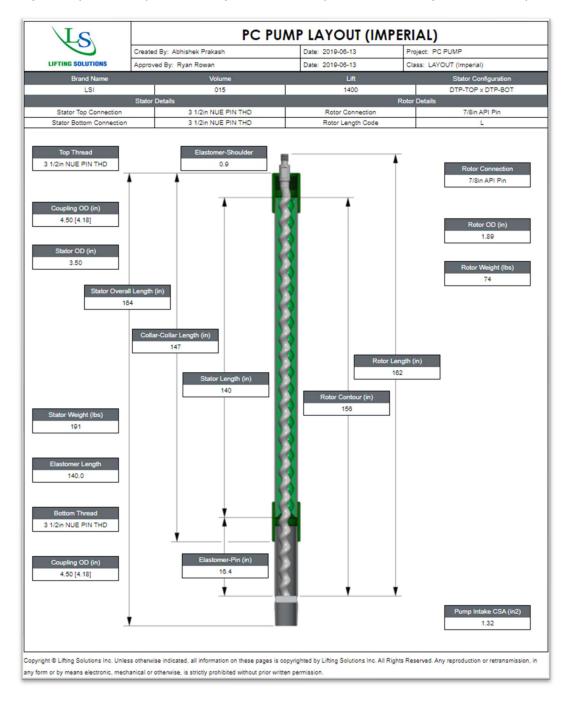
#### FILTERING INTERFACE

The filtering interface allows you to narrow the selection to a single pump configuration as required. It can be found under the PCP SPEC Tab then in the right-hand menu item under Pump Spec Filter as shown below.



# **PCP LAYOUT**

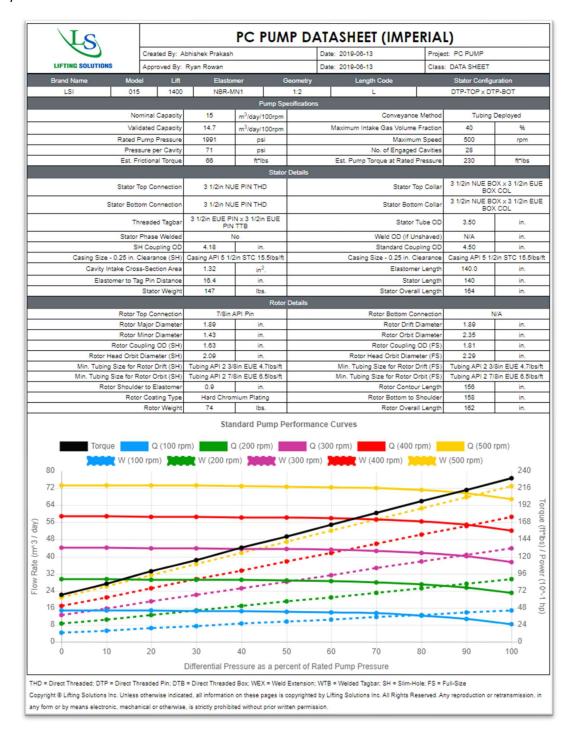
The PCP Layout graphically represents overall dimensions and connection specifics for each model returned in the filter results. The image rendering is representative of the specified connection configuration and true PCP geometry. These reports can be generated for any PCP model configuration currently available.





### **PCP DATASHEET**

The PCP Datasheet gives you a tabular view of relevant PCP geometry and configuration information based on ISO 15136 requirements. It builds a chart for each model that shows the power requirements (W, hp) and flow rate (Q, m3/day) at different speeds as well as the theoretical torque requirement (T, ft\*lbs).





#### **PCP OVERVIEW**

The PCP Overview gives a general overview of a specific PCP geometry. This report requires you to select a model name, stator connection type, stator elastomer type, rotor connection type and rotor length code as a minimum to generate the model overview report. Lift is optional and if left blank, the report will return all the available lifts for that specific model as shown below.

