



PRODUCTS BULLETIN —

NEWS ABOUT HALE PUMPS AND PRODUCTS

August 24, 1962

SERVICE BULLETIN #1

TO ALL MAJOR PUMP CUSTOMERS:

SERVICE DEPARTMENT - Q, QLD and QSM Pumps

We have found that under certain pumping conditions, such as extremely dirty water under relay procedures, the wire mesh strainer, Part No. QSM-G329 or QSM-G329D, in the Discharge Tube sometimes becomes clogged, and in a few instances the screen has been inverted.

When this occurs, cooling and lubricating water in the proper quantity fails to reach the front or rear bearing and packing gland - this could cause failure of the packing gland or at least cause frequent gland adjustment leading eventually to a possible scored impeller shaft.

We now have available a new replacement strainer having a perforated stainless steel screen with much better cleaning ability and withstanding extremely high pressures.

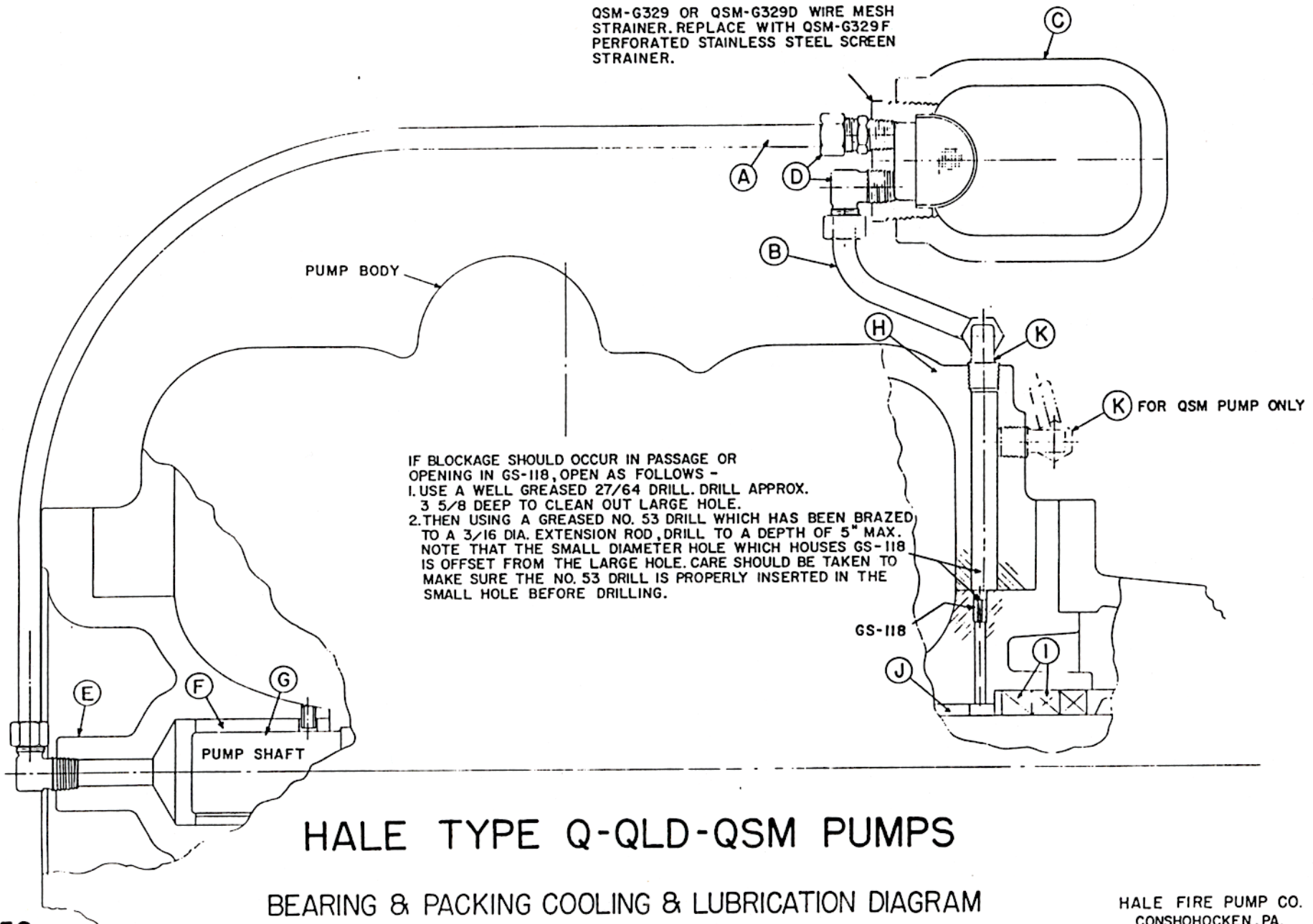
We are attaching B/P #SK-59 and recommend the following strainer replacement procedure using the B/P as a guide.

Disconnect the tubing lines (A) and (B) from QSM-G329 Strainer located in rear Discharge Tube (C). Remove old Strainer and connectors (D). Install new Strainer QSM-G329F, with 1/4" Iron Pipe openings plugged. Place hydrant pressure on pump; water should flow from tubing lines (A) and (B). The water will not be under full hydrant pressure due to the restricted passage, but it should flow freely.

If water fails to flow from tubing connected to the Front Bearing Housing (E), remove the tubing and check it for obstructions. If tubing is clear, remove bearing housing and clean out bearing (F); check condition of bearing and bearing surface of shaft (G). Replace bearing housing and tubing. Recheck with hydrant pressure.

If water fails to flow from tubing (B), which supplies water to packing (I) and bearing (J), remove tubing (B) and connector (K) at body (H) and clean. Using a piece of piano wire, 3/64 diameter, attempt to open passage and opening in GS-118. Wire should pass down in opening for approximately 5-1/2" to Pump Shaft. If you are unable to open passage using wire, remove discharge tube (C) and proceed as described on B/P #SK-59. A drill, well greased, will hold chips to it and keep them from falling down on shaft. After drilling, check water flow. Replace Tubing (B) and Discharge Tube (C). Place hydrant pressure on pump and check for water flow from end of tubing. If water flows from end of tubing, remove plugs in Strainer QSM-329F and install connectors (D) and connect tubing.

QSM-G329 OR QSM-G329D WIRE MESH
STRAINER. REPLACE WITH QSM-G329F
PERFORATED STAINLESS STEEL SCREEN
STRAINER.



HALE TYPE Q-QLD-QSM PUMPS

BEARING & PACKING COOLING & LUBRICATION DIAGRAM