



Technical Bulletin (TB-0044)

Installation of Drain Tube on Shaft seal cover

Version 2, Nov 1, 2013

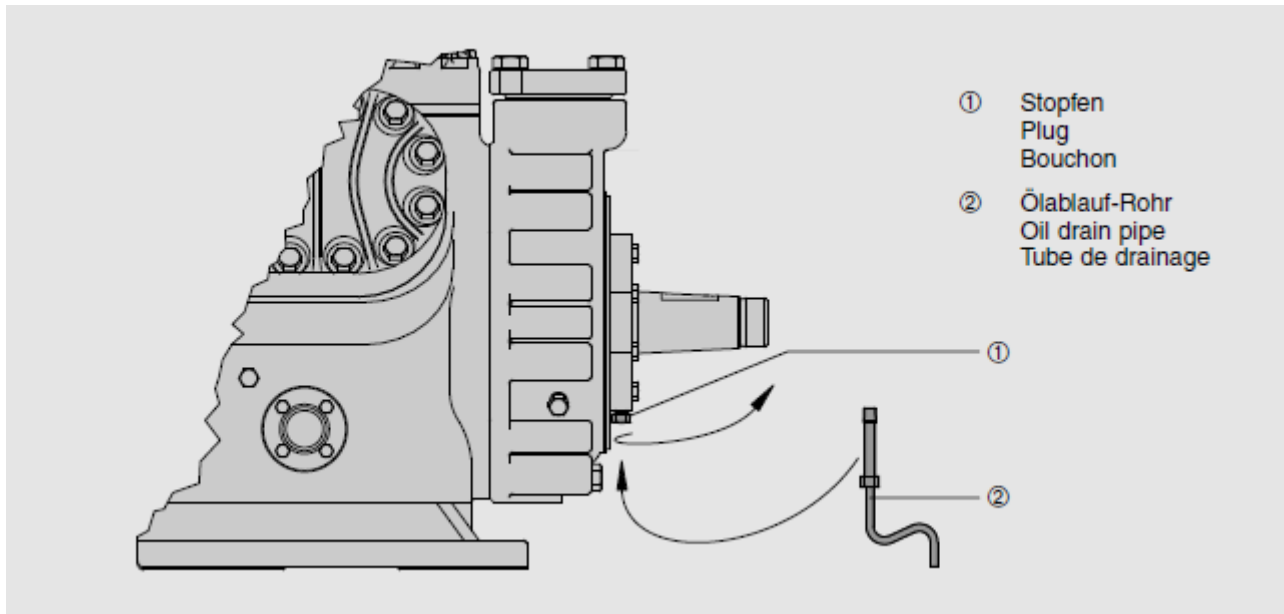
Installation of Drain tube on 4H-6F Open Drive Compressors

Open drive compressors do not necessarily require a routine inspection of the shaft seal. Oil does however leak from the seal in minuscule amounts. If the seal is determined to need replacement, a drain pipe can be installed to measure the leak rate.

Acceptable leak rate on shaft seal (see Document kw-511-3) is 0.05cm³/h. Measurement of the leak rate can be done by installing one of the following optional methods.

BELT DRIVE APPLICATION:

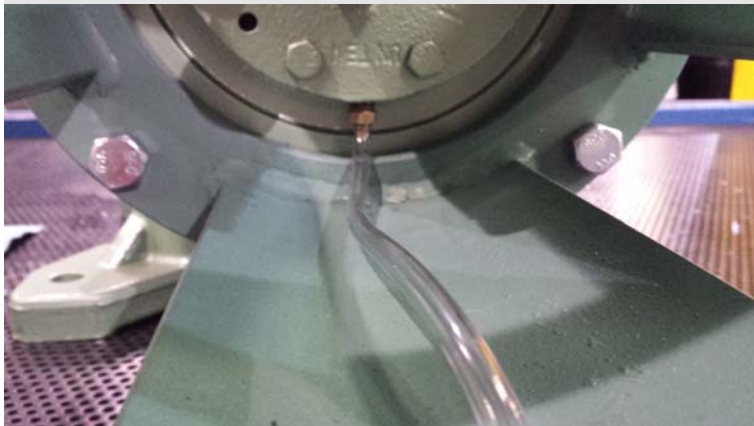
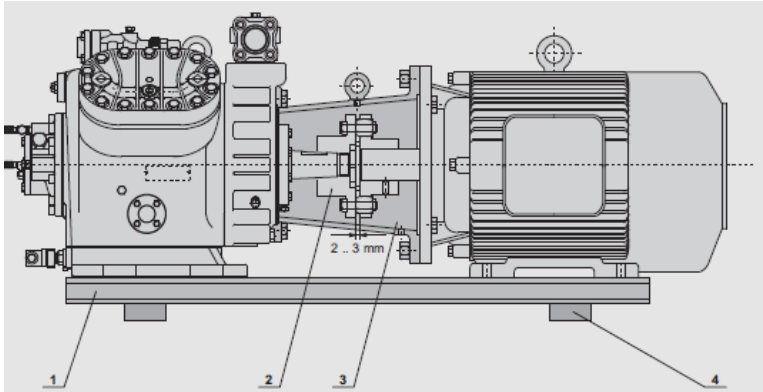
Use of belt drive or standard coupling on 4H-6F.2 compressors can utilize the 360992-01 shaft seal piping kit as illustrated pg. 4 in kw-511-3. Install the Oil drain pipe and measure the amount of oil leaking over a specific period of time and determine against the rate given above.



COUPLE DRIVE APPLICATION:

Use of "C" flange and coupling will NOT permit the use of the above drain tube 360992-01 as the coupling housing flange is not milled to allow the insertion of the tube from the bottom.

Use of the kit 999-0800-00 with a fitting and flexible tube can be used and the tube routed thru the hole in the bottom channel of the "C" flange.



This is recommended when shaft seal is replaced.