

DDL® Ring-Seal Lu-GT

Installation Instruction Modular-Seal-Insert DDL Ring-Seal Proceeding

- Make sure the surface of the core bearing / casing-pipe / carrier pipe in the installation area is clean.
- Disassemble the bolt at the end of the modular seal chain and keep the two pressure plates, the bolt and the nut/washer.
- Assemble the open seal chain around the pipe and fix it with the bolt (if necessary, stretch or press the modular seal), take the bolt/nut/washer as well as the two pressure plates, plug together and tight the bolts easily without pressing force on the modular seal.
- Check the carrier pipe for centric adjustment. Even if the modular seal is made out of high-quality materials, it does not allow however the function as support-bar of the carrier pipe.
- Make sure the modular seal is installed from that building side (bolt head side!), which allows easy access after finishing the installation, i.e. of retightening in case of setting conditions.
- Push the closed modular seal completely into the annular space (the installation will be improved by moisten the elastomer parts and/or the inner and outer surfaces i.e. by using soap-water (NO LUBRICANTS)).
- Tighten all bolts in clockwise direction (not crosswise!) with the same number of turns at a time until the entire space is completely filled up with the rubber elements and the ring seal fits against inner and outer surface.
- Tighten the bolts clockwise by using a torque-wrench with the allowed torque (see table enclosed).
- Due to possible setting after approx. 2 hrs. check the torque (for a pressure-tight sealing after approx. 48 hrs.) if necessary adjust.

Bolt-Torque for Lu-GT 2.0 bar / Lu-GT 5.0 bar

Lu-GT 20 mWS Lu-GT 50 mWS	bolt-size	wrech-size	Torque Nm (max.)
Lu-GT 200	M 5	4 Inbus	3
Lu-GT 250	M 5	4 Inbus	3
Lu-GT 275	M 5	4 Inbus	3
Lu-GT 300	M 8	6 Inbus	15
Lu-GT 325	M 8	6kt. SW-13	15
Lu-GT 350	M 8	6kt. SW-13	15
Lu-GT 375	M 8	6kt. SW-13	15
Lu-GT 400	M 10	6kt. SW-17	35
Lu-GT 415	M 10	6kt. SW-17	35
Lu-GT 425	M 10	6kt. SW-17	35
Lu-GT 475	M 10	6kt. SW-17	35
Lu-GT 500	M 12	6kt. SW-19	65
Lu-GT 525	M 12	6kt. SW-19	65
Lu-GT 575	M 12	6kt. SW-19	50
Lu-GT 600	M 20	6kt. SW-30	130
Lu-GT 650	M 16	6kt. SW-24	85



The purchaser of the DDL Ring-Seal is responsible for the installation of the product and also for all damages and follow-on defects, which are caused by incorrect installation.