

Look... a boiler feed pump rotor without tie bolts, bosses, through bolts, flanges, set screws or internal gaskets!

Each stage has only three major parts. Complete assembly is compact with uniform circular cross section to prevent shaft misalignment, non-uniform stresses and expansion.

Sudden changes in load and temperature can cause thermal distortions that play havoc with boiler feed pump performance. That's why De Laval double-case pumps are designed and built with compact and uniform cross sections for maximum thermal symmetry.

The rotor assembly has only three

major parts per stage—diaphragm, impeller and diffuser. There are no tie bolts, through bolts, bosses, flanges, set screws or internal gaskets. The five to nine stages that make up the rotor are held together solely by the pump housing.

De Laval was the first to develop a double-case boiler feed pump for supercritical plant applications and continues to lead in supplying pumps for this rugged service. Our test facility enables us to test large boiler feed pumps to full load and operating speeds at conditions ap-

proximating actual operation prior to shipment.

Write for information on De Laval double-case boiler feed pumps for pressures to 5000 psi or more.

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