

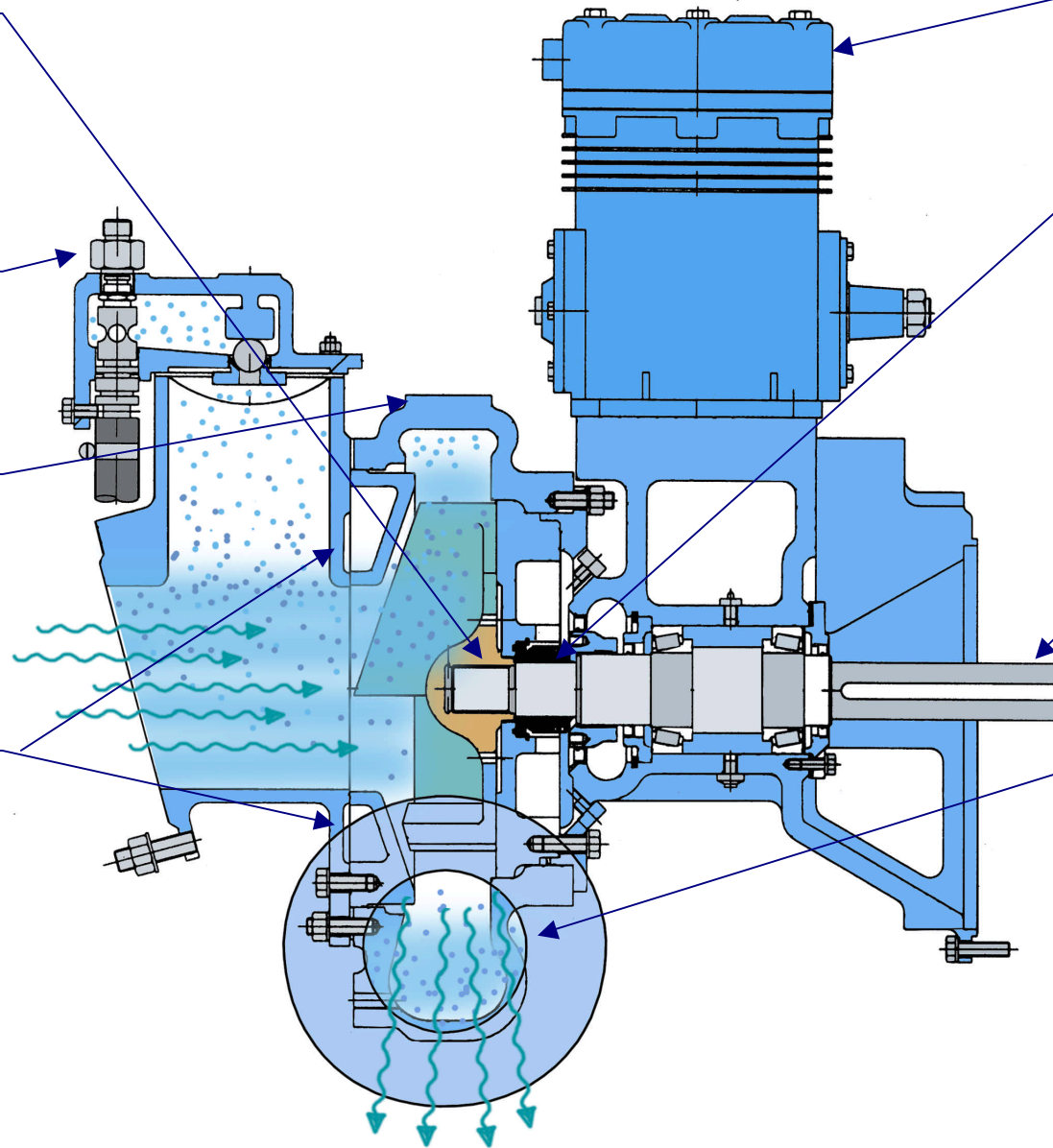
Pump Detail

IMPELLER Stainless steel 316 for best corrosion resistance. 2% chromium and CD4MCu available as options. Impellers are open for best solids handling and have back vanes and holes for pressure balancing.

VENTURI PRIME Simple design, easy to clean. Modular for easy parts replacement. The venturi system requires very little maintenance and is easily serviced in the field.

VOLUTE made from spheroidal graphite cast iron. Spheroidal graphite iron provides superior strength compared to ductile and gray iron. Spheroidal graphite molecules prevent cracking in the metal, thereby adding to the overall strength of the metal.

WEAR PLATES Replacement front and rear wear plates made from 316 stainless steel. 2% chromium steel and CD4MCu abrasive resistant steel are available options. Replaceable wear plates lower operation and replacement costs by allowing adjustment of the wear plates as they wear.



COMPRESSOR Water cooled for lower running temperatures, this means a longer life for the compressor and less maintenance on the compressor and venturi system.

SEAL Oil bath mechanical seals allow dry running for extended periods. The oil bath dissipates the heat and lubricates the seal. Materials of construction include silicone carbide and tungsten carbide for the most effective head and friction coefficient. New seals allow for higher pressures, this means improved performance in flooded suction and series pumping. Seal elastomers include Buna N and viton.

SHAFT Made from 431 stainless steel means no rust or pitting on the shaft for easier seal changes

DISCHARGE Flapper style check valve allows easy clean out and better flow and pressure than the older style ball check valve. Flappers are coated with Buna N, viton is specified for stainless steel and CD4MCu pumps.