Figura 1a Classificazione dei compressori

Figura 1b Campi operativi dei compressori
Two-stage uniflow differential-piston compressor

Two-stage single-acting differential-piston compressor

Two-stage single-acting differential-piston compressor. Theoretical indicator diagrams

Three-stage differential-piston compressor split in the first stage

Stage I cooler

Stage II cooler

Three-stage differential-piston compressor

Stage I cooler

Stage II cooler

Six-stage differential-piston compressor. Schematic

Plate valve with two annular slots

Two-stage compressor designs with pressure stages in individual cylinders
Fig. 9.1. Gear pump design. Schematic

Fig. 9.2. Liquid backflow in gear pump

Fig. 9.3. Rigid rotor vane pump with external liquid supply

Fig. 9.4. Type two characteristic curves (for gear pump)

Fig. 9.6. Radial rotary piston pump

Fig. 9.5. Axial rotary piston pump. Schematic

Fig. 10.1. Single-stage reciprocating compressor. Schematic

Fig. 10.2. Rotary (sliding-vane) compressor. Schematic

1—casting; 2—rotor; 3—vanes; 4—intake nozzle; 5—discharge nozzle

Fig. 10.3. Two-stage centrifugal compressor. Schematic

Fig. 10.4. Axial-flow compressor (seven-stage). Schematic

1—rotating blades; 2—compressor rotor; 3—stator blades

Fig. 6.1. Four-vane axial-flow machine. Schematic
Fig. 14.1. Sliding-vane compressor. Basic design

Twin-rotor screw-type compressor