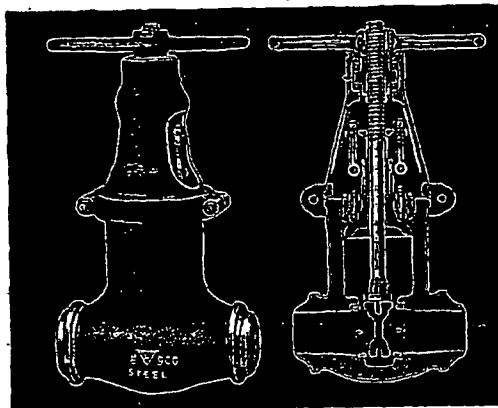




R-P&C Pressure Seal Valves for high pressure, high temperature applications

The soundness and reliability of the pressure seal bonnet joint in R-P&C high pressure cast steel valves has been thoroughly proven by field experience and use. Built to give continuous dependable service in modern high pressure systems, they offer these advantages:

1. Pressure Seal joint designed to secure maximum mechanical efficiency. Valve bonnet may be removed or re-assembled more readily than a conventional bolted bonnet valve.
2. Elimination of flanges reduces weight in suspended piping.
3. Modern design with neat contours facilitates insulation.
4. Compensating type Wedge, adjusts for tight closure and to overcome sticking or jamming when seated.
5. Manufacturer's complete quality control. Valve Castings are produced in R-P&C foundry under the supervision of R-P&C Technical personnel. All pressure seal valve castings are subject to critical internal examination in R-P&C's own Radiographic X-ray facilities.

R-P&C Pressure Seal Valves are available in gate design thru 14" size. Globes and Lift Checks available thru 8" size—all in the 900-1500 and 2500 pound classes.

R-P&C Distributors offer users in the Power Industry—in addition to these Pressure Seal Valves—a complete line of R-P&C gate, globe and angle valves in all standard materials: bronze, bar stock, cast steel—plus many specialties. See your distributor or write our Reading, Pa., office.



SEND FOR FREE WALL CHART

"How to Protect Your Values"
This 22" x 17" chart gives valuable installation pointers, operating tips, clues to longer service life. For free copy, write us at Reading, Pa.



R-P&C VALVES

One of the many diversified products of
American Chain & Cable Company, Inc.
R-P&C VALVE DIVISION

Reading, Pa., Atlanta, Boston (Newton), Chicago (Melrose Park), Denver, Detroit, Houston, New York, Philadelphia, Pittsburgh, San Francisco, Bridgeport, Conn.

NEW LITERATURE

• Boilers

- 81 Automatic gravity filtration is the subject of a 12-p. catalog, WC-111. The catalog covers four special filters, each designed for a specific purpose. Diagrams and charts are included. Graver Water Conditioning Co.

- 82 Condensate contaminant removal which combines filtering and ion exchange is the subject of bulletin LPS. Designed to remove iron oxides from boiler feed water traveling through piping affected by corrosion, the system operates at temperatures up to 260 F. Cochran Div., Crane Co.

• Controls

- 83 Magnetically coupled proportional level control instrument is the subject of bulletin 881. Text, photos, and schematic drawings detail the design characteristics, operating principles and applications. Full technical data is also included. Magnetrol, Inc.

- 84 Boden, superheater and pressure thermocouples are discussed fully in a 12-p. product information report 21. Description, application and installation suggestions, as well as styles available, are included. Aero Research Instrument Dept.

• Piping, valves, fittings and specialties

- 85 Graphite makes "for Unpriced current cathodic protection of underground and submerged metallic structures against corrosion is the subject of 7-p. catalog 8-660. Included is a sample problem on the design of a ground bed for protecting a coated pipe line, showing the use of typical resistance curves and a nomograph on specific anodes to soil and soil resistance. Union Carbide Corp.

- 86 Expansion joint catalog XJ-24, 22-p., covers terminology, design features, specifications, installation recommendations, applications and ordering guide. Specification tables, arranged for quick and easy reference, include predicted cycle life expectancy and engineering data for units 1-48 in. pipe size. Amca Hose Div., Amca Hose & Rubber Company.

- 87 Steel plug valves are covered extensively in bulletin V 181, 24-p. Valve design and operating features are described and illustrated by cutaway drawings and operating extensions and mechanisms. Actuator, flange data and sealants and sealant accessories are included. Rockwell Mfg. Co.

Right on page 22

- 88 Filters for industry in a comprehensive 16-p. bulletin, B-21, containing all data needed to select the proper disposable epoxy bonded cellulose fiber for cleanable metal-type filters. Pall Triality Micro Corp.

- 89 Control valves of the pilot-operated and integral solenoid-operated varieties for abrasive and corrosive applications are described in a 12-p. application manual 42. A selection chart is included. Airmatic Valve, Inc.

- 90 Taper and scrubber packing is described in detail in a 4-p. technical write up. Charts and graphs included in the brochure demonstrate how the interlocking design of the polyethylene packing provides higher interstitial holding, better surface regeneration and greater scrubbing efficiency. Calcutt Company.

• Pumps

- 91 Twin-screw pumps for all types of oils and other viscous non-corrosive liquids are available in double iron, cast iron or steel and can be mounted horizontally, vertically or on the ground. Full details are given in 7-p. foldout 433-201 L. Warren Pump, Inc.

- 92 Vacuum equipment catalog, said to be the most complete of its kind available, contains information on vacuum pumps, gauges, vacuum fittings, bell jars, traps, systems and accessories. The 64-p. are fully illustrated and specifications and descriptions are included. Central Scientific Co., Div. of Conco Instruments Corp.

- 93 Barrel-type pumps are the subject of a 4-p. foldout, form 7211-R. The bulletin includes cross sections of pumps, stuffing box designs, complete inner assembly illustrations, a typical installation view and an illustration of a barrel-type pump on test. Pump capacities are 200-12,000 gpm; pressures, 1200-6500 psi; and horsepower, 550-27,000. Ingersoll-Rand Co.

- 94 Two-stage pumps, nominal horsepower sizes of 1, 7½, 10 and 16, are described in a 4-p. bulletin 2610-L. Complete performance curves, general specifications, approximate dimensions and a typical cross section are included. Chempump Div., Fosterite Corp.

General equipment and key materials for systems engineering

- 95 Monitoring techniques for critical temperatures and to indicate



TUBE CLEANING?

YOU NAME IT!

Elliott has the answer. And if we don't, we'll find it.

Point is, Elliott Engineers have been solving tough tube-cleaning jobs for more than half a century. That's why Elliott is able to supply tube cleaners for any size tube, curved or straight, to remove everything from soft, gummy material to hard, brittle deposits.

With Elliott you have the option of air, steam, water, or electric drive, plus a wide selection of brushes, cutters and scrapers to suit the application.

To make sure your present cleaning method is up to date, let one of our people analyze your job. Then, he'll suggest the best way to do it.

Get the complete story on Elliott tube cleaners. Write to Elliott Company, Springfield, Ohio. Ask for Bulletin Y63.



KEEP YOUR EYE ON ELLIOTT

Turbines • Turbine Generators • Compressors • Turbochargers
Strainers • Reactors • Tube Cleaners • Tube Expanders