Consolidated

a Baker Hughes business

5500 Series SafeSwitch™ changeover valve

Continuous pressure-relief protection
Maintenance without process shutdown



A solution that switches between active and standby safety relief valves (SRV) while maintaining an available relief path.

High flow coefficient (Cv)
Pressure loss < 3%

Positive isolation
Active and standby valve control

Smooth changeover
Integral pressure equalization

Why the 5500 Series?

Continuous protection:
Maintain an available relief path while one SRV is inspected, tested, or replaced.

Clear operating position:
A visual indicator identifies the active and standby relief devices.

Reduced personnel exposure:
Bleed valves help minimize exposure to process media during valve removal and installation.

Reliable isolation:
Seat design supports shutoff integrity and helps reduce leakage during maintenance.

Minimal leak paths:
Solid ball plug construction eliminates cavities and interfaces that can cause bypass leakage.

Flexible configuration:
Available as a single inlet changeover valve (COV) or tandem inlet/outlet arrangement for complete SRV isolation.

Product at a glance

Sizes	¾ to 10 in.
Pressure classes	ASME 150 to 2500, configuration dependent
Max. pressure	Up to 6,250 psig (430.9 barg)
Max. temperature	Up to 800°F (426.6°C) with metal seat
Flow efficiency (Cv)	52 to 7,461 (1 in. – 10 in.)
Seat options	Soft seat or metal seat
Soft seat materials	Teflon or PEEK
Body materials	Carbon steel, low-temperature carbon steel, stainless steel, and selected alloys
Connections	Raised face or ring type joint
Actuation	Manual



Built for

- Refining/ Petrochemical
- Chemical
- Power generation
- Industrial gas
- General processing



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