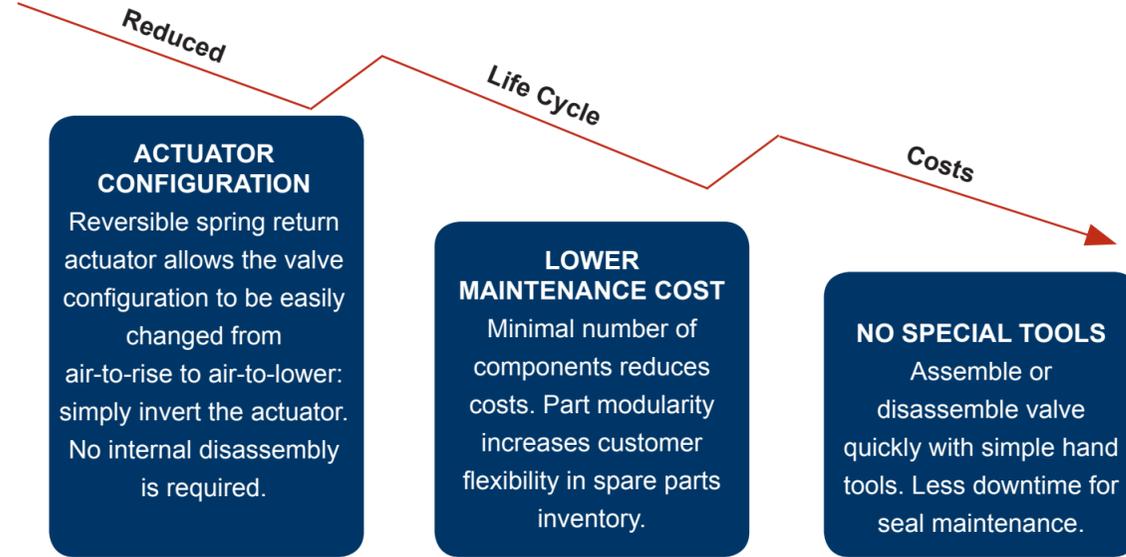


Simple Design - Solid Construction - Superior Cleanability

Dixon® SSV Series Single Seat Valve



Application:
• used in sanitary processes for either isolation or diversion of product

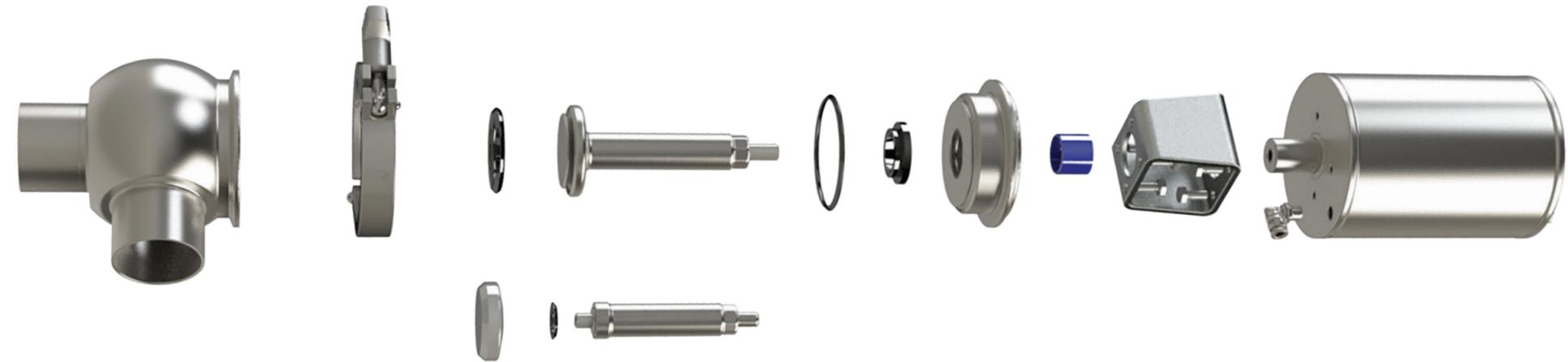
Materials:
• all product contact steel components: 316L stainless steel
• all non-product contact steel components: 304 stainless steel
• products wetted seal elastomers: FKM or EPDM
• stem seal materials: FKM, EPDM or PTFE

Specifications:
• maximum holding pressure: dependent upon size and configuration of the valve
• maximum operating temperature: **266°F (130°C)**
• surface ID finish: $32R_a$
• maximum sterilization temperature (20 min/max): **275°F (135°C)**
• elastomers are FDA & 3A compliant
• sizes: 1" to 4"

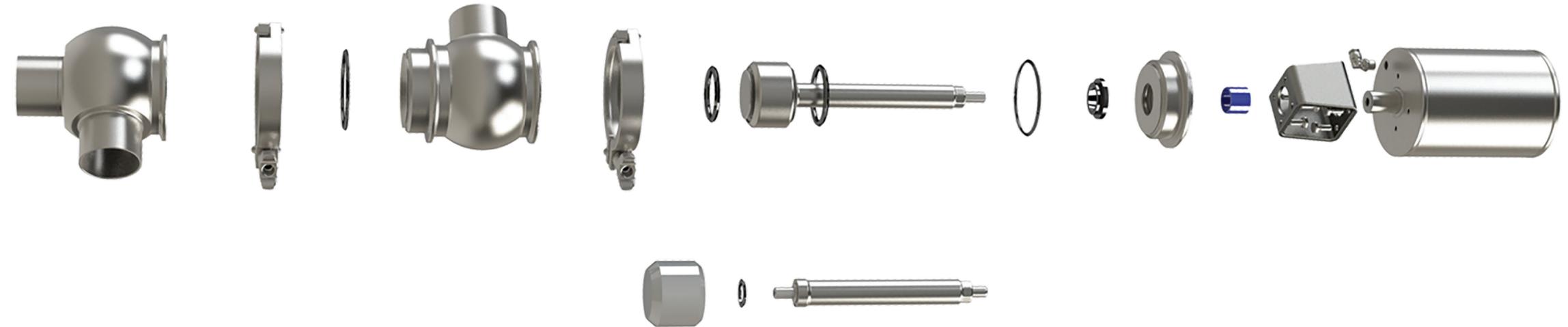
Options:
• clamp and weld connections standard, other types available upon request
• numerous control tops available
• custom port lengths for drop-in replacements of competitor's valves available upon request
• optional 15R_a, 20R_a, or 25R_a finishes available

Approval:
• 3A – Authorization Number 1655, 53-06 (Compression-Type Valves)

Shut-Off Exploded View



Divert Exploded View



Valve Bodies

Made from solid bar with increased wall thickness for added durability and increased performance against distortion caused by large temperature fluctuations in the process.

Stem Alignment

Actuator stem and valve stem are threaded together to ensure the most rigid union and therefore provide proper stem seal alignment with the valve body.

Stem Seals

Defined compression O-rings and metal to metal contact between valve stem and body increases service life of stem seals.

Actuator Bushings

The bushings on both ends of the actuator provide stem support and ensures perfect alignment and repeatable positive sealing between the stem seal and valve body.

Actuators

Three actuator sizes for all valves (1" to 4") provide added flexibility and interchangeability for your processing requirements.