

## STAR SERVO VALVES

**K+S Services is the ONLY Authorized STAR Hydraulics Ltd. Distributor and Service Center in the North America & Mexico.**

### "Sapphire Technology" ball in slot design

- Incorporated into Star designs since 1988
- Many billions of cycles per service life
- Increased spool life due to spool rotation
- Ultra low coefficient of friction sapphire to steel
- Feedback mechanism unhindered by spool rotation
- Extended warranties available

### Sapphire flow

- Ensuring first stage stability
- Precisely matched flow properties
- Long life in extreme environments

### Special connectors

- MIL-C-5015
- MIL-DTL-38999
- Conduit style male/female
- Hermetic

### Safety

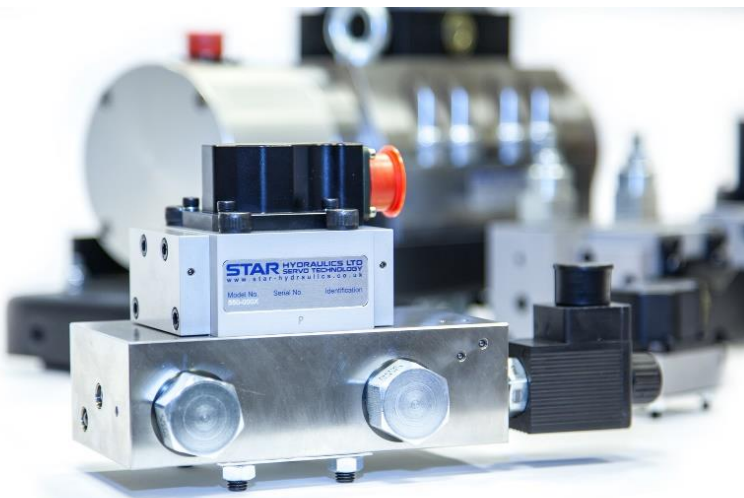
- Flame proof
- Intrinsic safety
- Class, Div & Zone coverage
- Mechanical failsafe
- Double & triple coil redundancy

### Custom spool lap & bushing port geometries

- Zero overlap
- Overlap (closed center)
- Underlap (open center)
- Dual gain
- Asymmetric gain

### Sealing materials

- Nitrile
- Fluorocarbon (Viton)
- Ethylene-Propylene
- Fluorosilicone



- STAR can provide drop in replacements for most of the current and legacy Servo Valves used today.
- OEM discounts available
- Global Support Network

