

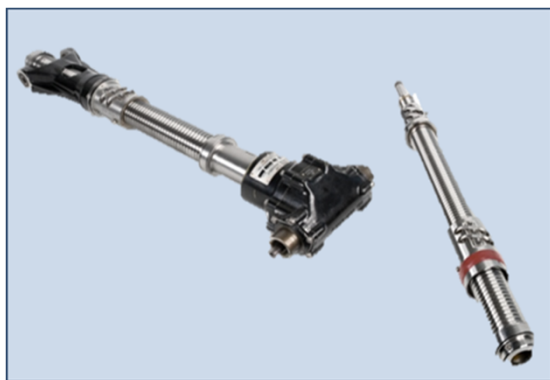


P-3 Wing Flap Actuators

Manufactured by.....



UMBRAGROUP



PN: 09342P000-01
NSN: 1680-01-540-6572

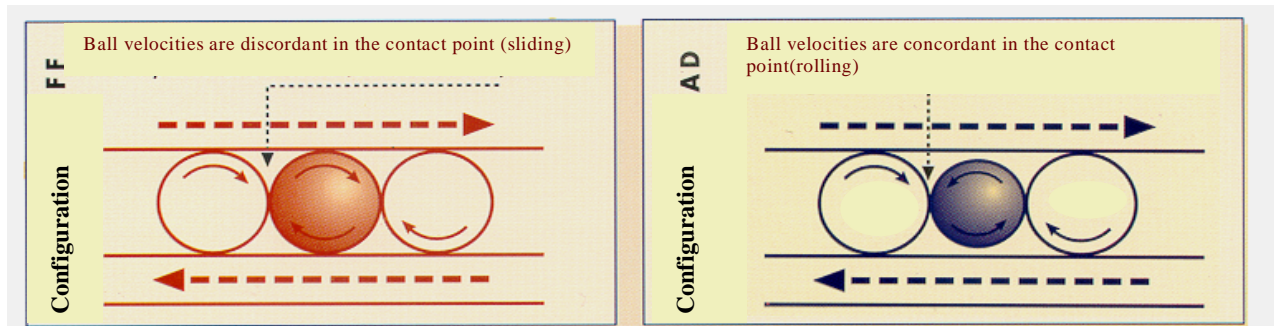
Blue Aerospace is proud serve as the exclusive distribution partner of Umbra Cuscinetti to make available a new generation of longer lasting, low maintenance P-3 flap actuators which are both Lockheed and USN qualified, fully interchangeable and superior in every respect to the legacy actuator at a cost similar to a that of a single overhaul.



Umбра Advantages:

- ✓ Over 40 years experience in design & manufacture of ballscrew assemblies
- ✓ Qualified by Lockheed / US Navy, and in use by many operators worldwide
- ✓ Fully interchangeable and can be used on same aircraft with legacy units
- ✓ Screwshaft and ballnut made of harder Cronidur 30 stainless steel
- ✓ Ceramic balls alternate with smaller (“idler”) steel balls for reduced friction
- ✓ Wipers and icebreakers allow for “self-adjustment” of position on ball track
- ✓ Improved sealing design within gearbox components
- ✓ Qualified life of at least 32,000 cycles / warranty 3 years from date of install
- ✓ **NO SCHEDULED MAINTENANCE** – grease lubricated for life (“fit and forget”)

Improved Ballscrew Architecture = Longer Life



Legacy System Design

Umбра System Design

| Actuator P/N | Ballscrew P/N | SCD | Note | Actuator Code | Ballscrew code |
|--------------|---------------|---------------------|---------------|---------------|----------------|
| SPL5568-3 | 5709350 | Lockheed 669424-7 | SPECO/Saginaw | | |
| SPL5568-5 | 5709350R | Lockheed 979369-103 | SPECO/Saginaw | | |
| SPL5568-7 | 7822150 | Lockheed 669424-101 | SPECO/Saginaw | | |
| 0009-0112-1 | 07341P000-01 | Raytheon 94CD0108-1 | SPECO/Umбра | | VA00700137 |
| 09341P000-01 | 07341P000-01 | Raytheon 94CD0108-1 | Umбра | | VA00700137 |
| 09342P000-01 | 07343P000-01 | Lockheed 669424-103 | Umбра | VBR0000847 | VA00700503 |

