

The LSA-72 uses a ceramic bearing system that provides absolute rigidity with a patented slider for anti-rotation This technology combined with CNC precision results in RapStop™; a system integral to every unit. RapStop™ replaces external stops and rap couplings while it maintains Z-Axis accuracy to ± 0.050 mm. Tested with over 3,000,000 cycles and a 24kg load, the LSA-72 demonstrated less deflection than any commercially available locating pin and complies with every auto maker's requirements.

Easy to Apply

The LSA-72 is symmetrical and compact to stay out of the way of weld guns and other tooling. Dual Bronze anti-weld slag wipers in a non-conductive mount requires no insulation option. The LSA-72 uses a NAAMS standard mounting pattern on the shaft. A 40mm x 50mm mounting pattern is used to mount the body. No orifices or other restrictions should be used in the application of Zaytran LSAs.

Weld Immune

The LSA-72 uses the double bronze wiper that has protected tens of thousands of LSA units in automotive factories all over the globe. This system aggressively removes any weld slag from the heat treated shaft.

Maintenance Free

The LSA-72 is guaranteed for the life of the tool (with design sign-off). There are no seals or plastic scrapers to change, no covers with pinch points, and, like all LSAs, the unit is lubricated for life!



Distributed by:

1-800-993-3786 www.festo.com

ZAYTRAN LSA-72

Model Nomenclature LSA-72-AA-BB-CC-DD-EE

AA Shaft: 0 (zero degrees) or 90 (ninety degrees)

BB Ports: N (NPT) or G (G-Class)

CC Stroke: 25 (25mm), 50 (50mm) or 75 (75mm)

DD Sensing: SEN (P&F), SEN-TRK (Turck) or NS (No Sensing) EE Reverse: Blank (Retract is Home) or R (Extend is Home)

Stroke: 25, 50, 75mm
Rap: Not Required
Equivalent Bore Dia: 61mm

Max. Pressure:

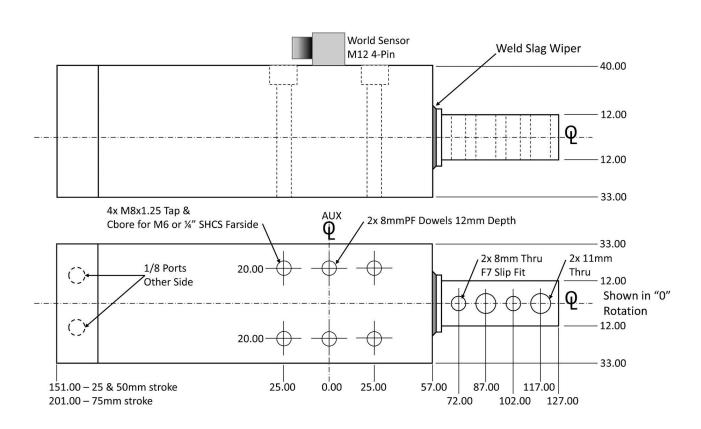
Actuation:

8.2 bar (120 psi)
Pneumatic

Extend Force @ 4.1 bar (60 psi): 124kg (272 lbs.)
Retract Force @ 4.1 bar (60 psi): 90kg (198 lbs.)
Assembly Weight: 2.8kg (6.2 lbs.)

| Sensor Information | | | |
|---|-------|-----------------|-------------|
| Pin | Color | Function | -R Function |
| 1 | Brown | L+ | L+ |
| 2 | White | Extend | Retract |
| 3 | Blue | L- | L- |
| 4 | Black | Retract | Extend |
| Connector: | | M12, 4pin, male | |
| Operating Voltage: | | 10V to 30V | |
| Protection Degree: | | IP65 | |
| For use in direct and alternating field | | | |

welding systems.





Distributed by:

1-800-993-3786 www.festo.com