

Hydraulic Line Stop Actuators

▼ LSA1420-H



LSA Series



Plugging Head Range:

4 - 48" / 102 - 1219 mm

Stroke:

72 - 140" / 1829 - 3556 mm

Maximum Operating Temperature:

181 °F / 83 °C

Maximum Operating Pressure:

1480 psi / 102 bar

LSA, LINE STOP ACTUATORS

- Series of four hydraulic line stop actuators covering a plugging head size range of 4 to 48 inches (102 - 1219 mm)
- Maximum working pressure of 1480 psi (102 bar) at 181 °F (83 °C)
- Failsafe mechanical lock prevents control rod movement
- Anti-rotation feature to ensure aligned plugging head deployment
- Hydraulic control situated at the working end of the cylinder for ease of use
- Visible control bar depth control.



LSA-Series Line Stop Actuators

Line Stop Actuators (LSA) are used in conjunction with the required line stop head and housings to carry out line stops in surface or subsea environments. The range is designed for easy use on pipelines in various materials and differing wall thickness. Their use provides temporary pipeline isolation, temporary or permanent by-pass and no costly interruption of service.

▼ SELECTION & SPECIFICATIONS (METRIC)

Plugging Head Size (min. - max.) (mm)	Capacity at 70 bar * (kN)		Hydraulic Line Stop Actuator Model Number	Stroke (mm)	Standard Certified Pressure (bar)	Maximum Operating Temperature (continuous) (°C)
	Extend	Retract				
102 - 305	55	38	LSA412-H	1829	102	83
356 - 508	220	175	LSA1420-H	2591	102	83
559 - 914	344	277	LSA2236-H	3556	102	83
965 - 1219	495	387	LSA3848-H	3556	102	83

* Hydraulic oil flow required at 70 bar: variable flow.

▼ SELECTION & SPECIFICATIONS (IMPERIAL)

Plugging Head Size (min. - max.) (inch)	Capacity at 1015 psi * (US ton)		Hydraulic Line Stop Actuator Model Number	Stroke (inch)	Standard Certified Pressure (psi)	Maximum Operating Temperature (continuous) (°F)
	Extend	Retract				
4 - 12	6.1	4.3	LSA412-H	72	1480	181
14 - 20	24.7	19.7	LSA1420-H	102	1480	181
22 - 36	38.7	31.2	LSA2236-H	140	1480	181
38 - 48	55.7	43.5	LSA3848-H	140	1480	181

* Hydraulic oil flow required at 1015 psi: variable flow.



Accessory Compatibility

LSA-Series users can be reassured the product will interface with market standard items, such as plugging heads and housings.



PP-Series, Hydraulic Power Pack

Recommended hydraulic pump: Enerpac 44 kW diesel hydraulic power pack.