

Versions for aggressive media like SKYDROL[®] or brake fluids also available (Type ..."-S")



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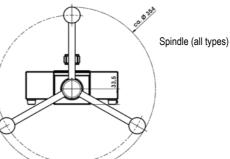
Pressure Comparison Pump, hydraulic 1000 / 1200 / 1600 bar - 14500 / 17400 / 23200 psi

Technical Data		LSP-1000-LC	LSP-1000-P / -K	LSP-1200-DL	LSP-1600-DL
Pressure generation	[bar]	0 1000		0 1200	0 1600
Medium		hydraulic oil or destilled water			
Pressure ports		2 x 1/2" BSP female, rotating, with gaskets			
Fluid reservoir	[cm ²]	112	56	112	112
Piston diameter	[mm]	8			
Spindle stroke	[cm³]	appr. 3.9 (per turnaround appr. 0.1)			
Needed force	[Nm]	at 250 bar: 2.0 • at 500 bar: 4.0 • at 1000 bar: 8.0			
Materials:		stainless steel, aluminium, brass, Viton and NBR			
Dimensions	distance of [mm] pressure ports	200	115	200	200
	length [mm]	420	420 (case: 440)	430	430
	width [mm]	280	195 (case: 430)	300	330
	height [mm]	103	103 (case: 280)	115	115
Weight	[kg]	6.3	5.6 (-K: 14)	8.5	8.7
stationary fixing (except LSPDL)		two drillings in front flange (diameter 6.4 mm)			

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Optional Accessories:

Valve package LSP-VENT (standard at LSP-1600-DL) for a very easy bleeding of LSP comparison pumps. The valve package is to be mounted at the LSP pressure pump below the pressure port(s), replacing the blind plug(s). If both, reference and device under test, have a large volume, the usage of two valve packages LSP-VENT is recommended for a very easy ventig of the calibration circuit.



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side view (all types)

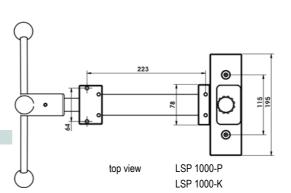
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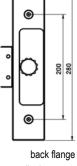
Priming (filling) tool BV-DL to pre-fill quick and easy with the operating fluid of pressure comparison pumps, recommended for test items with large volume, incl. vacuum handpump.



More accessories:

- blind plugs 1/2" BSP
- thread adapter sets BSP, NPT and metric
- set of spare O-ring seals
- · hand suction pump HAP 02 for suction of operating fluid
- · simple tool to fill test item and/or reference
- Recommended reference pressure gauges:
- electrn. pressure calibrator LPC 300 ±0.025%
- digital reference manometer **TLDMM** ±0.05%
- digital test pressure gauge TLDMM-A ±0.1/0.2%







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