

SSVD Metering Devices with Metering Screw Technology

Product survey



SSVD metering devices are adjustable per outlet pair. The metering occurs within the metering block via metering screws that are available in different sizes. The output of the progressive metering device can be easily changed, even after installation.

One or more outlet pairs of the metering device can be internally combined to achieve greater lubricant outputs. The primary function of the SSV remains unchanged in the SSVD.

The SSVD metering device's dimensions have been changed from those of the standard SSV in order to allow the same thread sizes. As a result, both metering device types use the same components such as piston detector and piston-side closure plugs.

The SSVD offers a greater metering range flexibility. The SSVD can be integrated into

systems using standard SSV metering devices.

System properties

The adjustable SSVD metering devices are available in the standard sizes from 6 to 22 outlets – using Lincoln's single-block technology.

Metering screws can be pre-assembled or supplied as a separate set.

Metering screws per outlet pair are available in 10 sizes – 0.08cm³, 0.14cm³, 0.2cm³, 0.3cm³, 0.4cm³, 0.6cm³, 0.8cm³, 1.0cm³, 1.4cm³, and 1.8cm³ per outlet and stroke

Technical data

	Unit	
Outlets	Qty	6 to 22
Pressure		
Max. operating pressure	[bar]	350
Max. differential pressure	[bar]	100
Max. run-in pressure	[bar]	20
Output		
per outlet and stroke	[cm ³]	0,08; 0,14; 0,2; 0,3; 0,4; 0,6; 0,8; 1,0; 1,4; 1,8
Thread		
Outlet		M 10 x 1
Piston-side closure plug		M 11 x 1
Inlet		R 1/8" or 3/8" NPTF
Material		
Steel		Surface, black-chromate treated

Standard models

Outlets	Inlet thread
	R 1/8" NPT
6	649-29485-1
8	649-29486-1
10	649-29487-1
12	649-29488-1
14	649-29489-1
16	649-29587-1
18	649-29588-1
20	649-29589-1
22	649-29590-1