

# SMP

Compact simple mono-block progressive divider valve for one to twelve outlets.

**D**  
**Dropsa**



**SMP Divider Valve**

GB  
USA



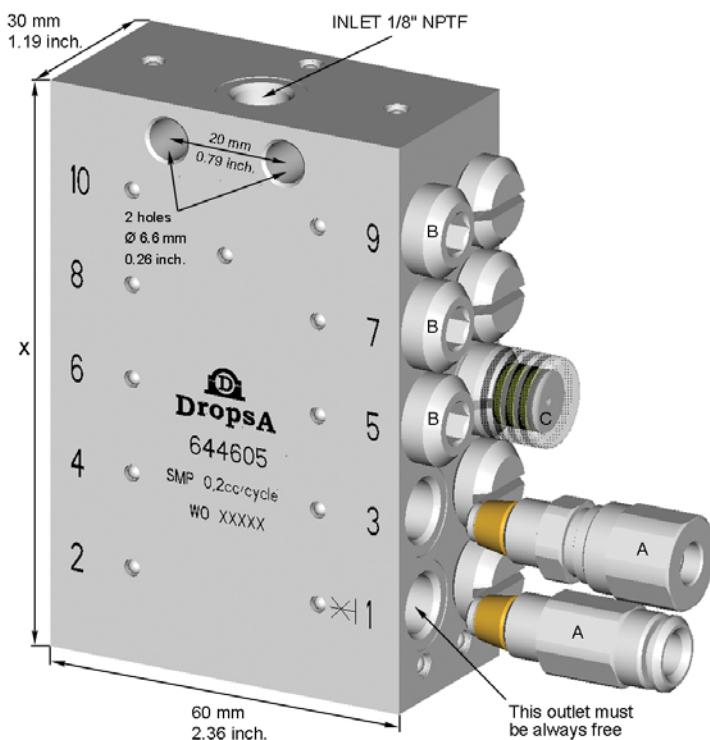
# SMP

**A compact progressive divider valve suitable for one to twelve outlets in a single block.**

The SMP is a single block progressive divider valve that is ideal for applications where space is limited. It is available in 6,8,10 and 12 outlet versions, each with an output of 0,2 cm<sup>3</sup> / 0.012 cu. inch per cycle.

An outlet can also be merged with the sequential outlet on the block by removing the special outlet fitting and installing a plug. Visual or electronic monitoring can be achieved simply by removing a plug and installing a visual or electronic add-on device as shown below.

*The spools in a progressive metering valve operate sequentially partitioning equally across the outlets, the grease being pumped into the metering block inlet. In the event of a blocked lubrication point all the spools will stop, thereby allowing the user to monitor the entire system with a single monitoring device.*



## Technical Characteristics

### SMP Divider

Min. Pressure:  
**20 Bar, 300 psi**  
Max. Pressure:  
**300 Bar, 4400 psi**  
Max. Cycles per min:  
**625 cycles**  
Operating Temperature:  
**-10 to 70 °C,**  
**14 to 158 °F**  
Lubricant viscosity:  
**Min.: oil 32 cSt**  
**Max.: grease NLGI 2**  
Material:  
**Zinc Plated Steel**

### Cycle Sensor

Material:  
**Stainless Steel**  
Proximity Type:  
**PNP or NPN**  
**10-30V DC**  
**200 mA**

## ORDERING INFORMATION

Part Number	X mm	X Inch.	Description
644603	60	2.36	SMP 6 Outlet Divider
644604	75	2.95	SMP 8 Outlet Divider
644605	90	3.54	SMP 10 Outlet Divider
644606	105	4.13	SMP 12 Outlet Divider
Part Number	Diagram	Accessory Description	
644637	A	Outlet fitting 1/8" BSP female	
644638		Outlet fitting compression cone Ø 4mm tube – inch. 5/32"	
644639		Outlet fitting compression cone Ø 6mm tube – inch. 15/64"	
644640		Outlet fitting push-in tube Ø 6 mm tube - inch. 15/64"	
644641		Outlet fitting compression ring Ø 6 mm tube - inch. 15/64"	
644611	B	Outlet Plug (merges into next outlet)	
1655220	C	Visual Indicator	
1655221		Electronic cycle indicator (with proximity PNP)	
1655222		Electronic cycle indicator (with proximity NPN)	

*All outlet fittings contain a check valve*

Web site:  
<http://www.dropsa.com>

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