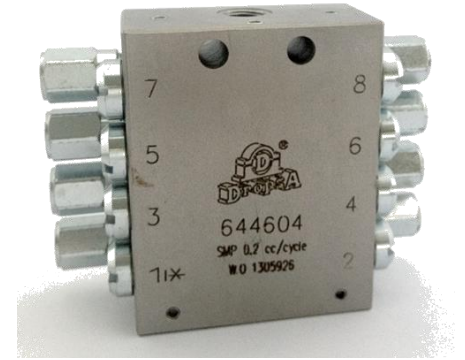


CHARACTERISTICS

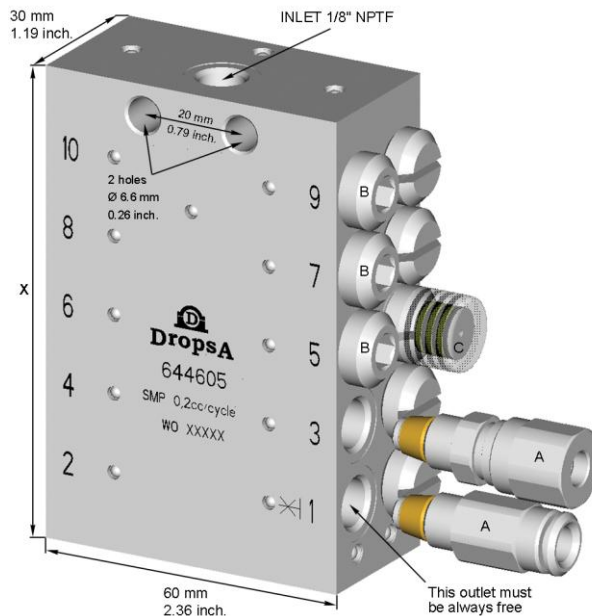
- **6, 8, 10 AND 12 OUTLETS**
- **MATERIAL:**
- NICKEL-PLATED STEEL
- STAINLESS STEEL AISI 304
- **OUTPUT OF 0.2 CM³ / 0.012 CU. INCH PER CYCLE)**
- **FOR OIL AND GREASE**
- **MAX. CYCLES PER MIN: 625 CYCLES**

MONO-BLOCK PROGRESSIVE DIVIDER VALVE FOR ONE TO EIGHTEEN OUTLETS

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, 12, 14, 16 and 18 outlet versions, each with an output of 0.2 cm³ / 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 monitoring 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.



SMP DIAGRAM OUTLET

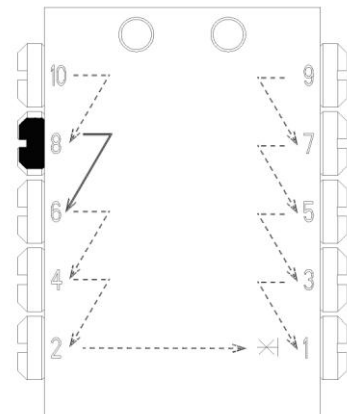


Outputs from adjacent outlets may be combined by installing a closure plug in one or more outlets.

In this example if you install a closure plug in outlet num. 8, the lubricant is redirect to the next adjacent outlet (num.6 in the example) in descending numerical order.

If outlet num. 2 is plugged the lubricant is redirect to outlet num. 1.

Outlet num. 1 must never be plugged.



TECHNICAL INFORMATION

TECHNICAL CHARACTERISTICS	
Min. Pressure	20 Bar, 300 psi
Max. Pressure	300 Bar, 4400 psi
Max. Cycles per min	625 cycles
Operating Temperature	-30 a 70 °C, 22 a 158 °F
Lubricant viscosity	Min.: oil 32 cSt - Max.: grease NLGI 2
Material	Nickel-plated steel - Stainless steel Aisi 304
CYCLE SENSOR	
Material	Stainless Steel AISI 316 Nickel-plated brass
Proximity Type	PNP o NPN 10-30V DC - 200 mA

ORDERING INFORMATION

SMP – NICKEL-PLATED STEEL			
Part Number	X mm	X inch.	Description
644603	60	2.36	SMP 6 Outlets Divider
644604	75	2.95	SMP 8 Outlets Divider
644605	90	3.54	SMP 10 Outlets Divider
644606	105	4.13	SMP 12 Outlets Divider
644407	120	4.72	SMP 14 Outlets Divider
644408	135	5.31	SMP 16 Outlets Divider
644409	150	5.90	SMP 18 Outlets Divider
Part. Num	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"	
644806		Outlet fitting push-in tube Ø 4 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	Indicatore visivo	
1655306		Ultrasensor for SMP be ordered with connector cod. 39999	

SMP – STAINLESS STEEL AISI 304			
Part. Num	X mm	X inch.	Description
644593	60	2.36	SMP 6 Outlets Divider
644594	75	2.95	SMP 8 Outlets Divider
644595	90	3.54	SMP 10 Outlets Divider
644596	105	4.13	SMP 12 Outlets Divider
Part. Num	Diagram	Accessory Description	
644646	A	Terminale ad anello x tubo Ø 6 mm Inox	
644599	B	Tappo esclusione uscite inox	
3190386		O-Ring da ordinare insieme al tappo cod. 644599	
1655220	C	Indicatore visivo	
1655348		Ultrasensor for SMP be ordered with connector cod. 39999	

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