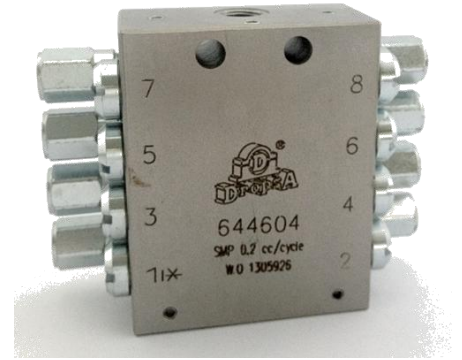


CHARACTERISTICS

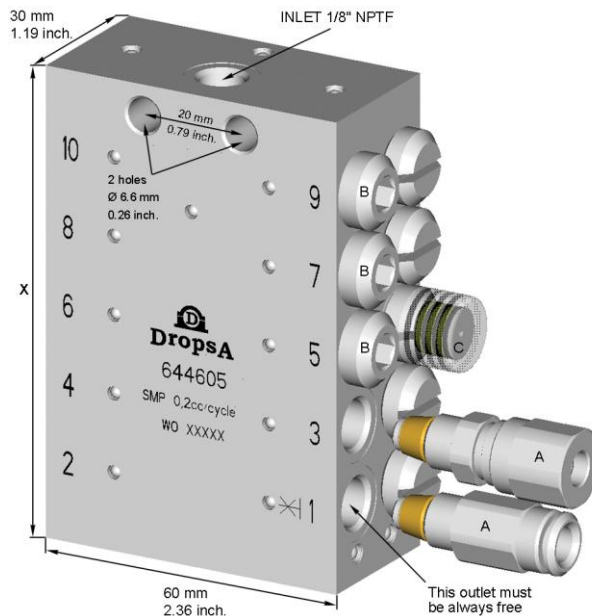
- **6, 8, 10 AND 12 OUTLETS**
- **MATERIAL:**
- NICKEL-PLATED STEEL
- STAINLESS STEEL AISI 304
- **OUTPUT OF 0.2 CM³ / 0.012 CU. INCH PER CYCLE)**
- **FOR OIL AND GREASE**
- **MAX. CYCLES PER MIN: 625 CYCLES**

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

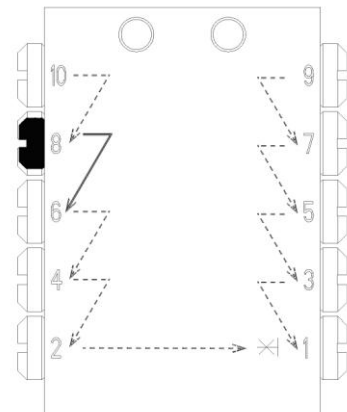


Outputs from adjacent outlets may be combined by installing a closure plug in one or more outlets.

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 | | | Tappo esclusione uscite inox |
| 3190386 | B | | O-Ring da ordinare insieme al tappo cod. 644599 |
| 1655220 | C | | Indicatore visivo |
| 1655348 | | | Ultrasensor for SMP be ordered with connector cod. 39999 |

sales@dropsa.com
www.dropsa.com

ITALIA
Dropsa SpA
t. +39 02-250791
f.+39 02-25079767
U.S.A.
Dropsa Corporation
t. +1 586-566-1540
f. +1 586-566-1541

U.K.
Dropsa (UK) Ltd
t. +44 (0)1784-431177
f. +44 (0)1784-438598
AUSTRALIA
Dropsa Australia Ltd.
t. +61 (02)-9938-6644
f. +61 (0)2-9938-6611

GERMANY
Dropsa GmbH
t. +49 (0)211-394-011
f. +49 (0)211-394-013
BRAZIL
Dropsa do Brazil
t. +55 (0)11-563-10007
f. +55 (0)11-563-19408

FRANCE
Dropsa Ame
t. +33 (0)1-3993-0033
f. +33 (0)1-3986-2636
CHINA
Dropsa Lubrication Systems (Shanghai) Co., Ltd
t. +86 (021) 67740275
f. +86 (021) 67740205