



**Walter Stauffenberg GmbH & Co. KG**

P.O.Box 1745 · D-58777 Werdohl  
Im Ehrenfeld 4 · D-58791 Werdohl  
Tel. : + 49 (0) 2392 916-0  
Fax: + 49 (0) 2392 2505  
e-mail: sales@stauff.com  
Internet: http://www.stauff.com

## Oil Solutions

PO Box 653 Castlemaine 3450  
Phone 0421 336 009  
Fax 03 9012 4332  
sales@oilsolutions.com.au  
www.oilsolutions.com.au

**Australia:**

Stauff Corporation (Pty.) Ltd.  
P.O. Box 227  
24-26 Doyle Avenue, Unanderra  
Wollongong, N.S.W.  
AUS-2526 Unanderra  
Tel. : + 61 2 42 71 18 77  
Fax: + 61 2 42 71 84 32

**Brazil:**

Stauff Brasil Ltda.  
Avenida Gupe 10.767  
Galpa" o 2, Bloco A  
WT – Empresarial Parque Castello Branco  
BRA-Barueri – SP  
CEP: 06422-120  
Tel: +55 1147899020  
Fax: +55 1147899021

**China:**

Stauff International Trading (Shanghai) Co., Ltd.  
Shangdian Mansion, Pudong  
331, Binzhou Road  
CHN-200126 Shanghai  
Tel. : + 86 21 58 45 65 60  
Fax: + 86 21 58 45 66 80

**France:**

Stauff s.a.  
230, Avenue du Grain d'Or  
Z.I. de Vineuil-Blois Sud  
F-41354 Vineuil-cedex  
Tel. : + 33 2 54 50 55 50  
Fax: + 33 2 54 42 29 19

**India:**

Stauff India Pvt. Ltd.  
Gat. No. 2340  
Pune-Nagar Road, Wagholi  
IND-Pune - 412207  
Tel. : + 91 20 705 19 90  
Fax: + 91 20 705 19 89

**Italy:**

Stauff Italia s.r.l.  
Via Pola 21/23  
I-20034 Birone di Giussano  
Tel. : + 39 0362 31 21 13  
Fax: + 39 0362 33 55 36

**Japan:**

Ohtsuka Tec. Co. Ltd.  
1-7-19 Minami Shinagawa  
Shinagawa-Ku  
JPN-Tokyo 140  
Tel. : + 81 3 34 72 12 01  
Fax: + 81 3 34 72 12 09

**Canada:**

Stauff Canada Ltd.  
866 Milner Avenue  
CAN-Scarborough, Ontario M1B 5N7  
Tel. : + 1 416 282 46 08  
Fax: + 1 416 282 30 39

**USA:**

Stauff Corporation  
7 Wm. Demarest Place  
USA-Waldwick, N.J. - 07463  
Tel. : + 1 201 444 78 00  
Fax: + 1 201 444 78 52

**United Kingdom:**

Stauff UK  
332, Coleford Road  
Darnall  
GBR-Sheffield, S 9 5 P H  
Tel. : + 44 1142 518 518  
Fax: + 44 1142 518 519

## Stauff Hydraulic Accessories

- ◆ **Breathers**
- ◆ **Diffusers**
- ◆ **Flow Indicators**
- ◆ **Level Gauges**
- ◆ **Pressure Gauges**
- ◆ **Spin On Filters**
- ◆ **Suction Strainers**
- ◆ **Valves**

The STAUFF hydraulic accessories program has been carefully designed to offer a range of components suited to the demands of building hydraulic systems in most industrial and mobile applications.

Whether you require simple filler breathers or precise electrical level switches, flow control valves or complete filter units; the STAUFF accessories range should provide you with the choice you need.

At Stauff we are aware of the ongoing development and innovation within the hydraulic industry. We strive to keep up with and further develop the latest technology and to bring the benefit of any such improvements directly to the customer.

Additionally we are always prepared to consider custom built products, if you have a special need.

We ensure that your most urgent requirements are met by keeping a large and comprehensive stock in Australia

These products are subject at all times to our DIN ISO 9001 Quality Management Systems.



### Area of Application:

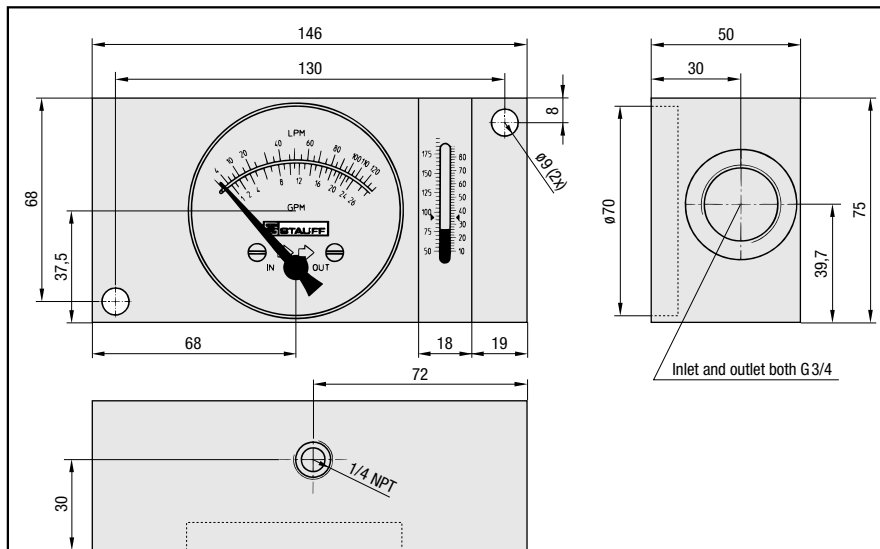
Flow, pressure and temperature measuring of fluids (mobile and industrial hydraulics)

### Characteristics:

- suitable for mineral oil (aluminium), HFC fluids and water (bronze)
- designed for in-line installation
- mechanical process (off the line)
- with 1/4 NPT connection for pressure gauge adaption

**SDM indicator offer a simultaneous measurement of pressure, flow and temperature (dual scale in °C and °F).**

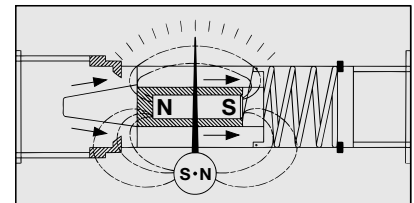
### Dimensions SDM-750



### Technical Data

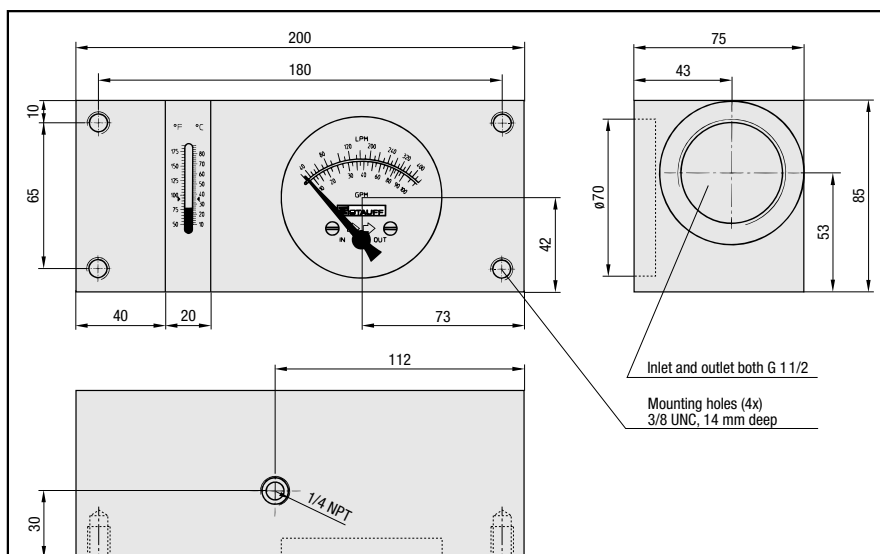
Accuracy:  
 Flow: ± 4% FSD  
 Temperature: ± 2°C  
 Temperature measuring range: 10°C ... 80°C

### Functional principal



The flow indicator SDM has a sharp-edged orifice and a tapered metering piston, which moves in proportion to changes of flow against a spring. In no flow condition the piston closes the opening and the pointer indicates zero. With increasing flow and differential pressure the piston moves against the calibrated spring. The piston movement is directly proportional to the flow rate and is magnetically coupled to the rotary pointer. During this function the sharp-edged orifice minimises the effects of viscosity. The flow is shown on a calibrated scale in l/min and gal/min.

### Dimensions SDM-1500



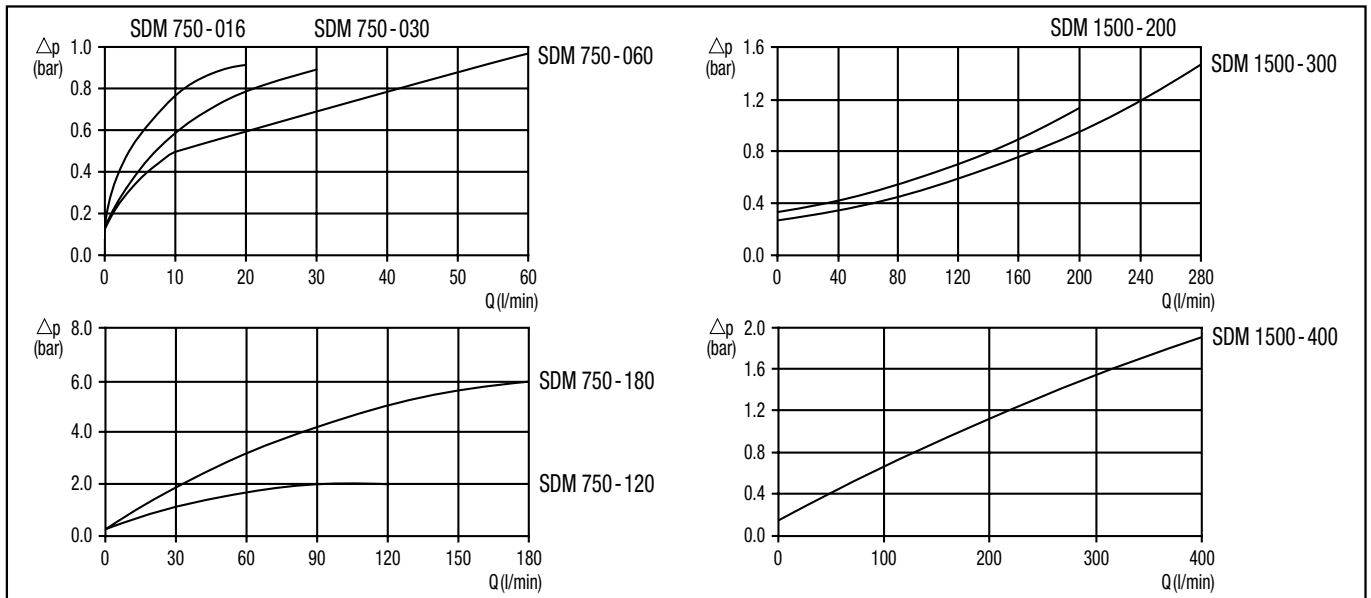
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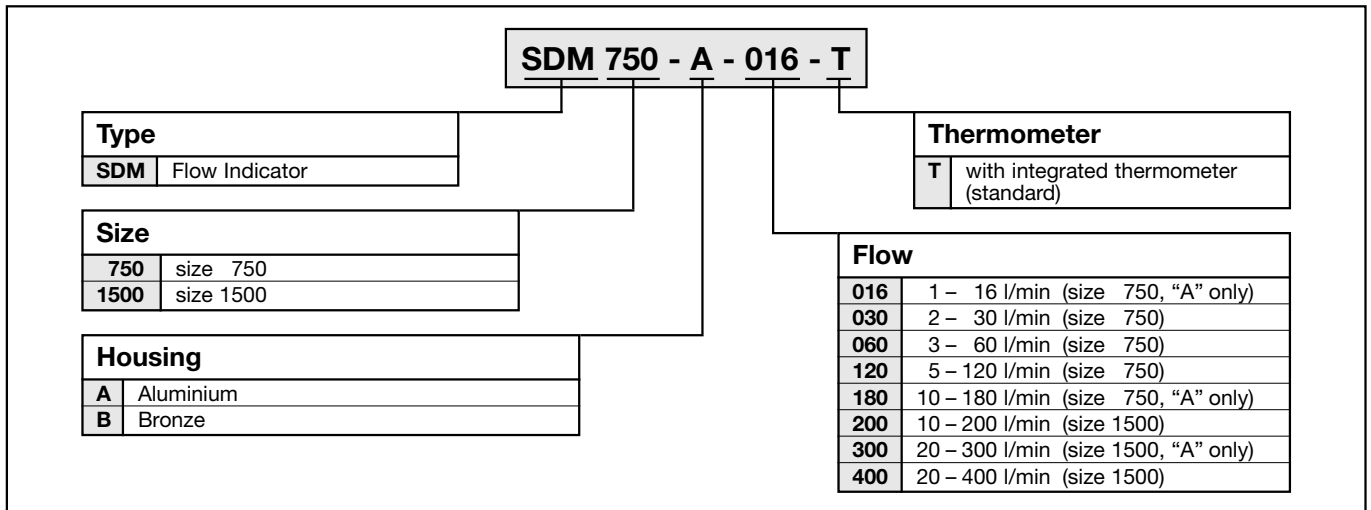
## Technical Data

| Part Number      | max Working press. | Flow range     | Weight   | Connection | Dimensions (mm) |
|------------------|--------------------|----------------|----------|------------|-----------------|
| SDM-750-A-016-T  | 420 bar            | 1 – 16 l/min   | 1,360 kg | G 3/4      | 146 x 75 x 50   |
| SDM-750-A-030-T  | 420 bar            | 2 – 30 l/min   | 1,360 kg | G 3/4      | 146 x 75 x 50   |
| SDM-750-A-060-T  | 420 bar            | 3 – 60 l/min   | 1,360 kg | G 3/4      | 146 x 75 x 50   |
| SDM-750-A-120-T  | 420 bar            | 5 – 120 l/min  | 1,360 kg | G 3/4      | 146 x 75 x 50   |
| SDM-750-A-180-T  | 420 bar            | 10 – 180 l/min | 1,360 kg | G 3/4      | 146 x 75 x 50   |
| SDM-750-B-030-T  | 420 bar            | 2 – 35 l/min   | 4,250 kg | G 3/4      | 146 x 75 x 50   |
| SDM-750-B-060-T  | 420 bar            | 3 – 70 l/min   | 4,250 kg | G 3/4      | 146 x 75 x 50   |
| SDM-750-B-120-T  | 420 bar            | 5 – 140 l/min  | 4,250 kg | G 3/4      | 146 x 75 x 50   |
| SDM-1500-A-200-T | 280 bar            | 10 – 200 l/min | 3,000 kg | G 1 1/2    | 200 x 85 x 75   |
| SDM-1500-A-300-T | 280 bar            | 20 – 300 l/min | 3,000 kg | G 1 1/2    | 200 x 85 x 75   |
| SDM-1500-A-400-T | 280 bar            | 30 – 400 l/min | 3,000 kg | G 1 1/2    | 200 x 85 x 75   |
| SDM-1500-B-200-T | 280 bar            | 10 – 200 l/min | 8,000 kg | G 1 1/2    | 200 x 85 x 75   |
| SDM-1500-B-400-T | 280 bar            | 30 – 400 l/min | 8,000 kg | G 1 1/2    | 200 x 85 x 75   |

## Flow Curves



## Ordering Code



# Product range



### STAUFF CLAMPS:

Clamping systems for tubes, hoses, pipes, cables and components

#### Original STAUFF Clamps:

The tube fastening system in accordance with DIN 3015

Dimensional range from 6 to 800 mm

Different materials available

#### U-Bolt and DIN clamps

#### Angle Adjustment Clamps

#### Special clamps and supports:

Custom built solutions



### STAUFF TEST:

Pressure test systems

Venting and sampling of liquid and gas pressure systems

nominal working pressure: 630 bar maximum

100% closeness control

components tested in accordance with DIN 40.080

#### Test couplings and accessories:

Adaption threads M16x2 - M16x1,5 -

S12,65x1,5- Plug-in system

#### Test hoses:

DN 2 and DN 4; hose length and fittings on request

### MINITESTER PPC-04:

Digital measuring device for:

Working pressure

Differential pressure

Temperature

Flow

RPH

Data output via

PC or printer



### STAUFF FILTERS:

Hydraulic filtration systems

#### High pressure filters for in-line mounting:

maximum working pressure: 630 bar

#### Return line tank top filters:

maximum working pressure: 16 bar

#### Replacement filter elements:

Compatible quality and dimensional interchange to suit most filter makes produced in own facilities

Filter materials: Glass fibre, Metal fibre, Polyester fibre, Wire mesh, Paper



### STAUFF HYDRAULIC ACCESSORIES:

Components for the construction of tanks and power units and mobile hydraulics

Level gauges

Filler breathers

Check valves

Diffusers

Spin-On - Filters

Return line bushes

Gauge isolator valves

Level temperature switches

Throttle and shut-off valves

Desiccant air breathers

Suction strainers

Stainless steel pressure gauges

Flow indicators

Air filters



### STAUFF BALL VALVES:

Ball valves for flow control in steel, stainless steel,

alloy and other materials.