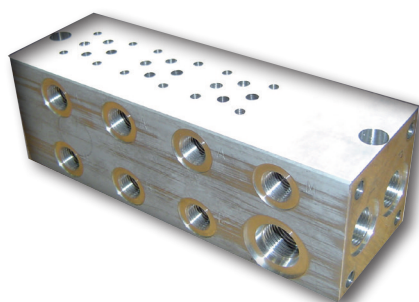


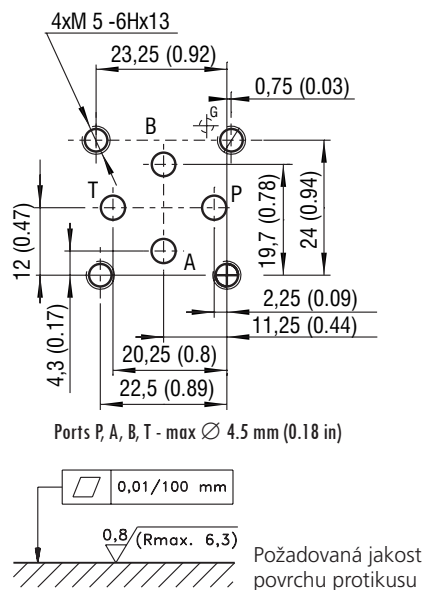
# Serial Plates for ISO 4401-02 Valve with Side Ports

## DR1-04

Size 04 (D02) •  $p_{max}$  320 bar (4600 PSI)



### ISO 4401-02-01-0-05



### Technical Features

- › Designed to connect in parallel two or more ISO 4401-02 (CETOP 02) valves with integrated unloading and pressure relief valve cavity with interface 3/4-16 UNF-2A
- › Compact design with reduced plate dimensions for production cost saving
- › Maximum 8 parallel modular valve sections
- › Consumer ports A and B positioned on the side of the sub-plate
- › Maximum flow rate can be increased up to twice the output if the sub-plates are powered at both ends
- › Serial plates are available in aluminium EN AW - 7075 T6
- › In the standard version, the aluminium serial plate is without surface protection

### Technical Data

| Modular valves mounting surface     |           | 04 (D02)   |
|-------------------------------------|-----------|------------|
| Cartridge cavity                    |           | A2 (C-8-2) |
| Max. operating pressure (aluminium) | bar (PSI) | 320 (4640) |
| Port dimensions P                   |           | G3/8       |
| Port dimensions T                   |           | G3/8       |
| Port dimensions A, B                |           | G1/4       |
| Port dimensions M                   |           | G1/4       |
| Weight (model 0, 1, 2)              | kg (lbs)  | see table  |

|                                                 | Datasheet | Type                              |
|-------------------------------------------------|-----------|-----------------------------------|
| General information                             | GI_0060   | Products and operating conditions |
| Cavity details                                  | SMT_0019  | SMT_A2*                           |
| Mounting interface                              | SMT_0019  | Size 04                           |
| Studs and nuts for vertical stacking assemblies | HA_0020   |                                   |

### Connection

DR1-04/ ☐ 0

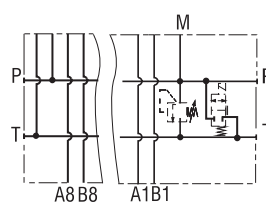
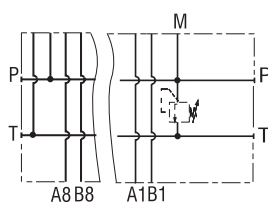
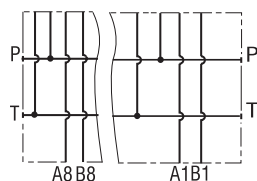
P, T .....G3/8  
A, B .....G1/4

DR1-04/ ☐ 1

P, T .....G3/8  
A, B, M .....G1/4  
valve cavity 3/4-16 UNF

DR1-04/ ☐ 2

P, T .....G3/8  
A, B, M .....G1/4  
2 valve cavities 3/4-16 UNF



Port cavity A, B, P, T  
see page 2.

### Ordering Code

Serial plates for ISO 4401-02  
valve with side ports

Nominal size

Number of sections

- 1 section
- 2 sections
- 3 sections
- 4 sections
- 5 sections
- 6 sections
- 7 sections
- 8 sections

DR1 - 04 /

AL -

No designation

Surface treatment  
aluminium plate  
without treatment

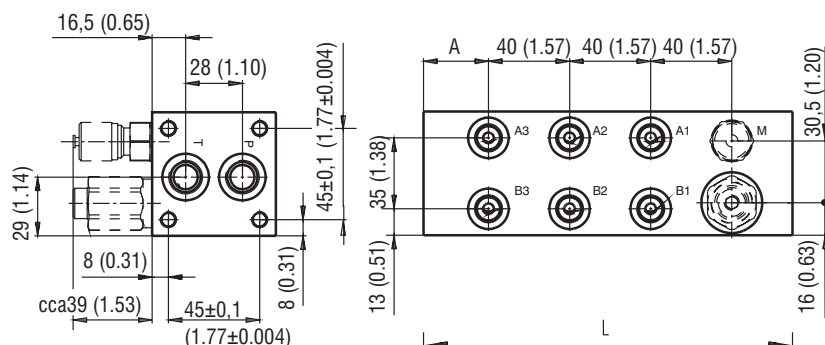
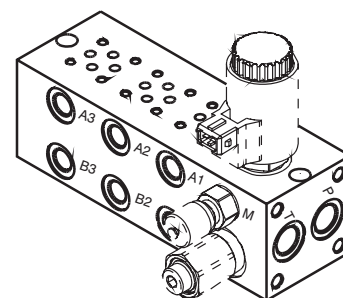
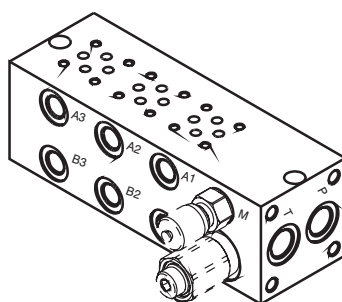
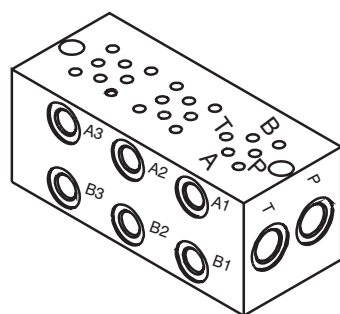
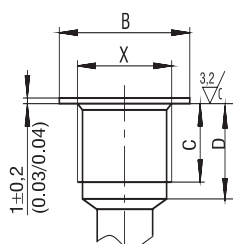
Material  
aluminium EN AW - 7075 T6

Cartridge cavity  
without cavities  
with one cavity for pressure or unloading valve  
with two cavities for pressure relief and unloading valve

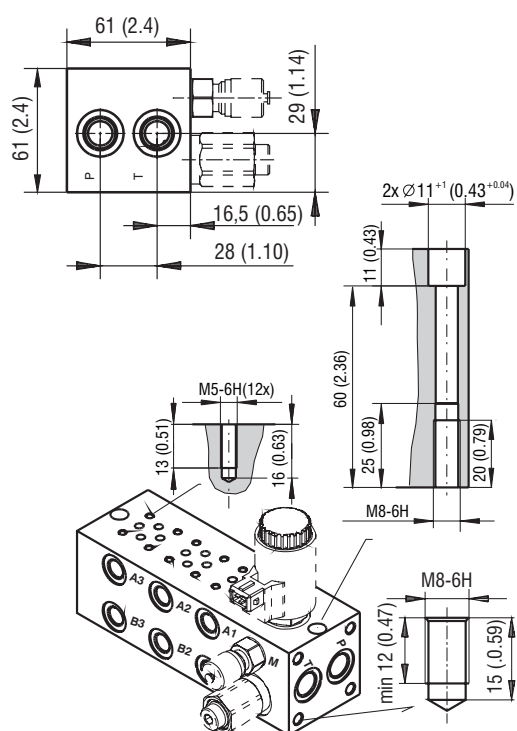
**Dimensions** in millimeters (inches)

DR1-04/ ☐ 0

DR1-04/ ☐ 1

DR1-04/ ☐ 2

**Port cavity A, B, P, T**


| X    | B [mm (in)]         | C [mm (in)]        | D [mm (in)]        |
|------|---------------------|--------------------|--------------------|
| G1/4 | ∅20+0.5 (0.79/0.81) | 12+0.1 (0.47/0.48) | 15±0.2 (0.58/0.60) |
| G3/8 | ∅23+0.5 (0.91/0.93) | 12+0.1 (0.47/0.48) | 15±0.2 (0.58/0.60) |
| G1/2 | ∅28+0.5 (1.1/1.12)  | 14+0.1 (0.55/0.56) | 17±0.2 (0.66/0.68) |



| DR1-04         | / *0        | *1(2)       | / *0         | / *1(2)     | / *0        | / *1(2)   |
|----------------|-------------|-------------|--------------|-------------|-------------|-----------|
| Number of sec. | L [mm (in)] |             | L1 [mm (in)] |             | A [mm (in)] |           |
| 1              | -           | 102 (4.02)  | -            | 90 (3.54)   | 32.5 (1.28) | 32 (1.26) |
| 2              | 105 (4.13)  | 142 (5.59)  | 91 (3.58)    | 130 (5.12)  | 32.5 (1.28) | 32 (1.26) |
| 3              | 145 (5.71)  | 182 (7.17)  | 131 (5.16)   | 170 (6.69)  | 32.5 (1.28) | 32 (1.26) |
| 4              | 185 (7.28)  | 222 (8.74)  | 171 (6.73)   | 210 (8.27)  | 32.5 (1.28) | 32 (1.26) |
| 5              | 225 (8.86)  | 262 (10.31) | 211 (8.31)   | 250 (9.84)  | 32.5 (1.28) | 32 (1.26) |
| 6              | 265 (10.43) | 302 (11.89) | 251 (9.88)   | 290 (11.42) | 32.5 (1.28) | 32 (1.26) |
| 7              | 305 (12.01) | 342 (13.46) | 291 (11.46)  | 330 (12.99) | 32.5 (1.28) | 32 (1.26) |
| 8              | 345 (13.58) | 382 (15.04) | 331 (13.03)  | 370 (14.57) | 32.5 (1.28) | 32 (1.26) |

| Number of sec. | DR1-04/*0       |                  | DR1-04/*1       |                  | DR1-04/*2       |                  |
|----------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
|                | Ordering number | Weight [kg (lb)] | Ordering number | Weight [kg (lb)] | Ordering number | Weight [kg (lb)] |
| 1              | -               | -                | 16113500        | 0.90 (2.0)       | 23693100        | 0.90 (2.0)       |
| 2              | 23714600        | 0.95 (2.1)       | 16113600        | 1.25 (2.8)       | 23693200        | 1.35 (3.0)       |
| 3              | 23714700        | 1.30 (2.9)       | 16113700        | 1.40 (3.1)       | 23693300        | 1.60 (3.5)       |
| 4              | 23714800        | 1.70 (3.8)       | 16113800        | 2.00 (4.4)       | 23693400        | 2.00 (4.4)       |
| 5              | 23714900        | 2.05 (4.5)       | 16113900        | 2.35 (5.2)       | 16772000        | 2.35 (5.2)       |
| 6              | 23715000        | 2.40 (5.3)       | 16114000        | 2.75 (6.1)       | 23693600        | 2.70 (6.0)       |
| 7              | 23715100        | 2.80 (6.2)       | 16114100        | 3.10 (6.8)       | 23693700        | 3.10 (6.8)       |
| 8              | 23715200        | 3.15 (6.9)       | 16114200        | 3.45 (7.6)       | 23693800        | 3.45 (7.6)       |