

# Oleodinamica 2MP SVCP-S10-TS1-N-0-000 Normally closed Solenoid Cartridge Valve

Manufacturer: Oleodinamica 2MP  
Manufacturer part number / published order designation: SVCP-S10-TS1-N-0-000  
Published model: SVCP-S10-TS1-N-0-000

## About this compilation

Prepared by Hydmaster from selected manufacturer documentation. Original technical pages follow without cropped drawings, rewritten data or altered units. This cover and index are Hydmaster editorial material, not a manufacturer-issued exact-execution datasheet.

Coverage: selected pages relevant to the identified size and configuration. Other options or neighbouring models retained on an original page apply only where explicitly identified.

## Execution notes and conditions

Actual supplier-selected order reconciled with OEMfamilyfields, not literallyprinted fullcode. Preserve publicationconflicts; do not infer omitted electrical fields. Exact supplier title gives70 L/min; current OEM family gives80 L/min. No nominal-flow numericfacet assigned pending suppliedrevision confirmation.

## Source-page index

Source page numbers below are physical pages of each complete original PDF. The original printed page labels and technical content remain unchanged. Compiled page numbers count this cover/index.

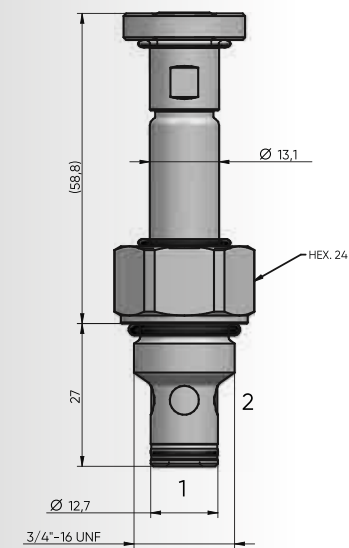
### Source A: Current original OEM exact family specification, circuit and execution-field legend; do not attach99pagecatalogue.

| Original pages | Compiled pages | Relevant content                                                                                                   |
|----------------|----------------|--------------------------------------------------------------------------------------------------------------------|
| 82             | 2              | Current original OEM exact family specification, circuit and execution-field legend; do not attach99pagecatalogue. |

### Source B: Earlier manufacturer-authored exact family reference retained by supplier; relevant original page for disclosed edition differences.

Supplemental stage/component reference; not a complete assembly drawing.

| Original pages | Compiled pages | Relevant content                                                                                                                     |
|----------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 1              | 3              | Earlier manufacturer-authored exact family reference retained by supplier; relevant original page for disclosed edition differences. |

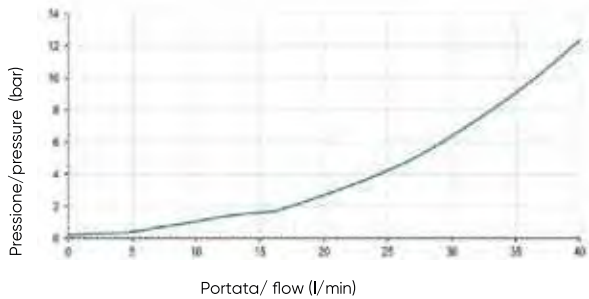


Quando la bobina è eccitata, l'otturatore si solleva e fa sì che da 2 a 1 ci sia passaggio libero, in questo modo da 1 a 2 il flusso è molto ristretto. Quando la bobina è diseccitata, la SVCP agisce come valvola di ritegno che consente il flusso libero da 1 a 2, mentre lo blocca da 2-1.

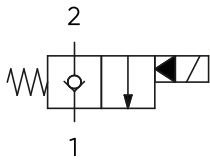
When the coil is energized the poppets lifts and opens the 2 to 1 flow path. In this operation mode, flow from 1 to 2 is severely restricted. When the coil is de-energized, the SVCP acts as check valve allowing free flow from 1 to 2, while blocking from 2 to 1.

Prestazioni / Performance

2-->1



Schema idraulico /  
Hydraulic scheme



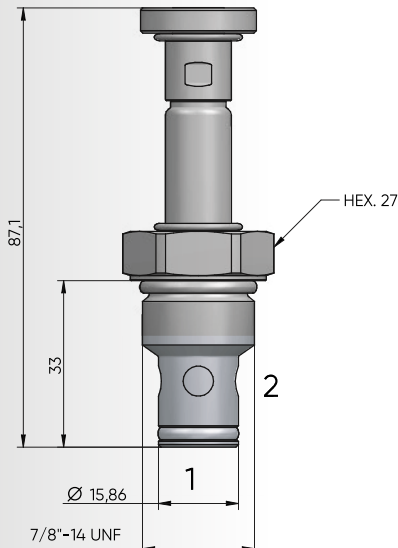
Bobina /  
Coil



13-39  
18 W  
pag. 21.0

Caratteristiche tecniche /  
Technical features

|                                                     |                        |
|-----------------------------------------------------|------------------------|
| Pressione massima /<br>Maximum pressure             | 350 bar (5075 psi)     |
| Portata nominale /<br>Nominal Flow                  | 40 l/min (10,6 gpm)    |
| Temperatura di esercizio /<br>Operating temperature | -30 / +110 °C          |
| Cavità /<br>Cavity                                  | C007                   |
| Trafilamento interno /<br>Internal leakage          | 0,25 cm³/min @ 350 bar |
| Coppia /<br>Torque                                  | 40-45 Nm               |
| Peso /<br>Weight                                    | 0,11 kg                |

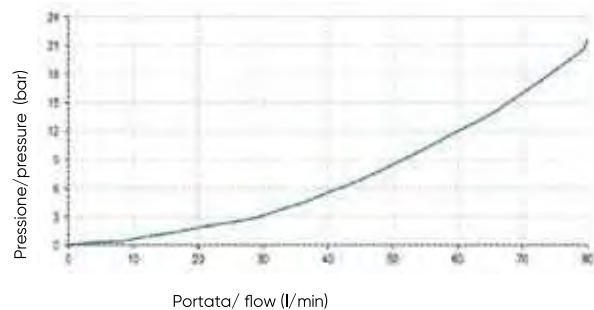


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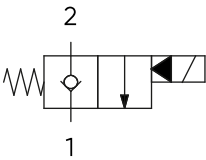
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Prestazioni / Performance

2-->1



Schema idraulico /  
Hydraulic scheme



Bobina /  
Coil



13-39  
18 W  
pag.20.0

Caratteristiche tecniche /  
Technical features

|                                                     |                       |
|-----------------------------------------------------|-----------------------|
| Pressione massima /<br>Maximum pressure             | 350 bar (5075 psi)    |
| Portata nominale /<br>Nominal Flow                  | 80 l/min (21,1 gpm)   |
| Temperatura di esercizio /<br>Operating temperature | - 30°C + 110°C        |
| Cavità /<br>Cavity                                  | C035                  |
| Trafilamento interno /<br>Internal leakage          | 0,25cm³/min @ 350 bar |
| Coppia /<br>Torque                                  | 65-75 Nm              |
| Peso /<br>Weight                                    | 0,13 Kg               |

Codice d'ordinazione / Ordering code

SVCP-S08-TS1-

GUARNIZIONI / SEAL  
N = NBR

REGOLAZIONE / REGULATION

0 = SENZA COMANDO MANUALE / NO MANUAL OVERRIDE  
1 = VITE / SCREW  
2 = SPINGI E GIRA / PUSH AND TWIST

TENSIONE / VOLTAGE

000 = SENZA BOBINA / WITHOUT COIL  
D12 = 12 VDC  
D24 = 24 VDC  
D20 = 220 RAC

TIPO CONNETTORE / CONNECTOR TYPE

0 = SENZA BOBINE / WITHOUT COIL  
C = CAVI / LEADS  
D = DIN 43650 (STD)  
G = DEUTSCH DT04-2P  
A = AMP JUNIOR

DIMENSIONE CORPO / SIZE BODY

OMETTERE/OMIT  
100 =BSP1/4"(pag.18.7)  
200 =BSP3/8"(pag.18.7)  
101 =BSP1/4"(pag.18.1)  
201 =BSP3/8"(pag.18.1)  
102 =BSP1/4"(pag.18.2)  
202 =BSP3/8"(pag.18.2)

MATERIALE CORPO /

MATERIAL BODY  
OMETTERE/OMIT  
S = STEEL  
A = ALLUMINIUM

Codice d'ordinazione / Ordering code

SVCP-S10-TS1-

GUARNIZIONI / SEAL  
N = NBR

REGOLAZIONE / REGULATION

0 = SENZA COMANDO MANUALE / NO MANUAL OVERRIDE  
1 = VITE / SCREW

TENSIONE / VOLTAGE

000 = SENZA BOBINA / WITHOUT COIL  
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D24 = 24 VDC

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G = DEUTSCH DT04-2P  
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DIMENSIONE CORPO /

SIZE BODY  
OMETTERE/OMIT  
200 =BSP3/8"(pag.18.2)  
300 =BSP1/2"(pag.18.2)  
301 =BSP1/2"(pag.18.7)  
401 =BSP3/4"(pag.18.7)

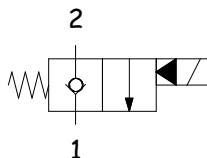
MATERIALE CORPO /

MATERIAL BODY  
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## CARATTERISTICHE TECNICHE TECHNICAL CHARACTERISTICS

|                                                          |                                    |
|----------------------------------------------------------|------------------------------------|
| <b>Pressione massima</b><br>Maximum pressure             | 350 bar (5075 psi)                 |
| <b>Portata nominale</b><br>Nominal Flow                  | 80 l/min (21,1 gpm)                |
| <b>Temperatura di esercizio</b><br>Operating temperature | - 30°C + 110°C                     |
| <b>Cavità</b><br>Cavity                                  | C035                               |
| <b>Trafilamento interno</b><br>Internal leakage          | 0,25cm <sup>3</sup> /min @ 350 bar |
| <b>Coppia</b><br>Torque                                  | 65-75 Nm                           |
| <b>Peso</b><br>Weight                                    | 0,13 Kg                            |

## SCHEMA IDRAULICO HYDRAULIC SCHEME

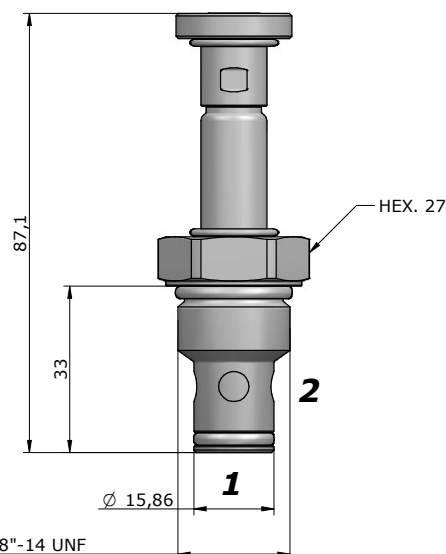


## BOBINA COIL



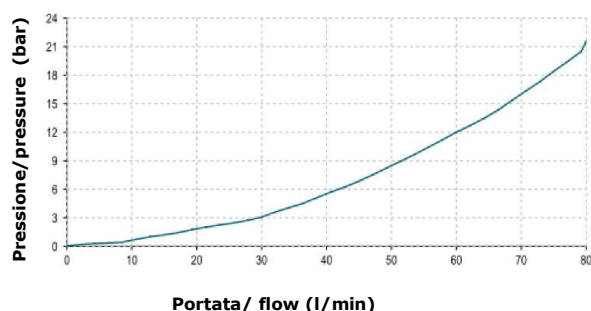
13-39  
18 W

pag.20.0



## PRESTAZIONI PERFORMANCES

2-->1



## DESCRIZIONE DESCRIPTION

Quando la bobina è eccitata, l'otturatore si solleva e fa sì che da 2 a 1 ci sia passaggio libero, in questo modo da 1 a 2 il flusso è molto ristretto.

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## CODICE D'ORDINAZIONE ORDERING CODE

# SVCP-S10-TS1- - - - -

GUARNIZIONI / SEAL  
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TENSIONE / VOLTAGE  
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D24 = 24 VDC

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DIMENSIONE CORPO /  
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401=BSP3/4"(pag.18.7)

MATERIALE CORPO /  
MATERIAL BODY  
**OMETTERE/OMIT**  
S = STEEL  
A = ALLUMINUM