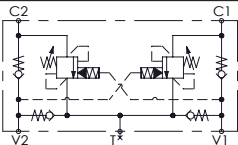
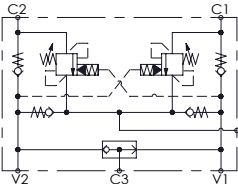
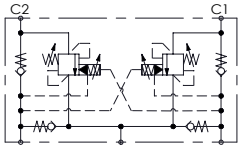
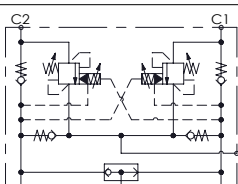
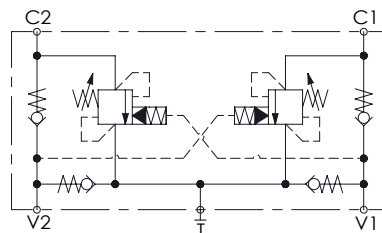
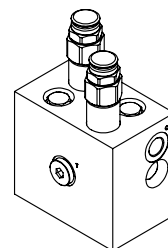
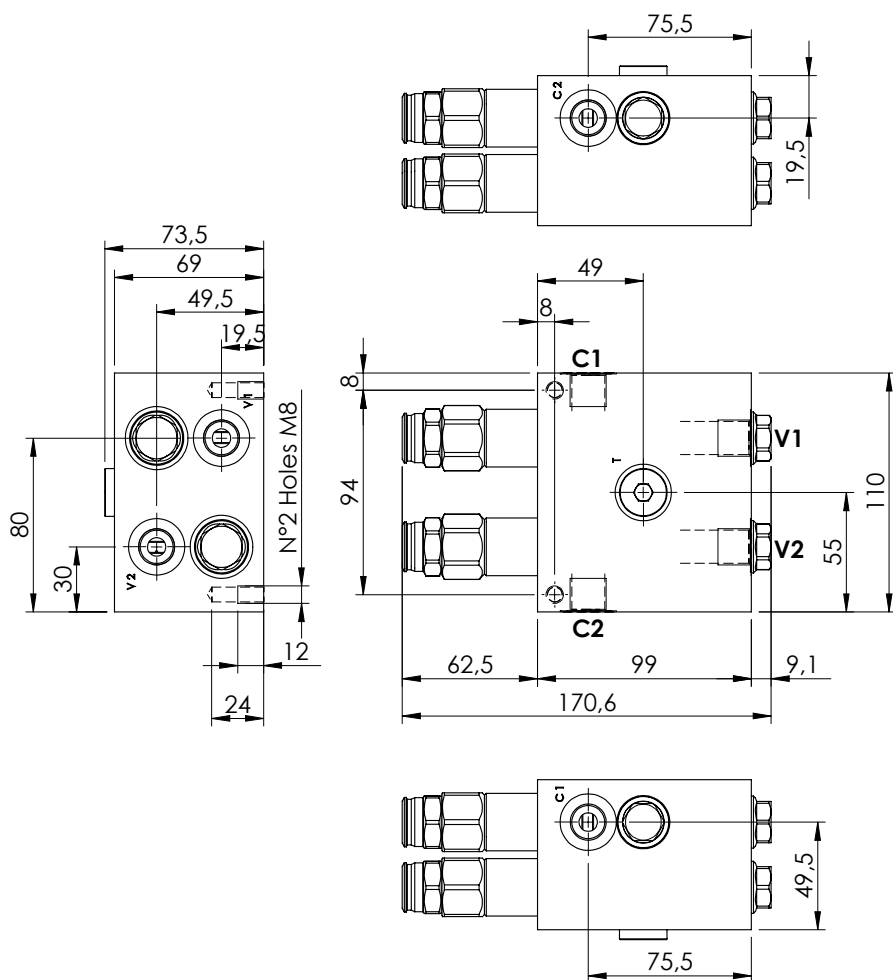




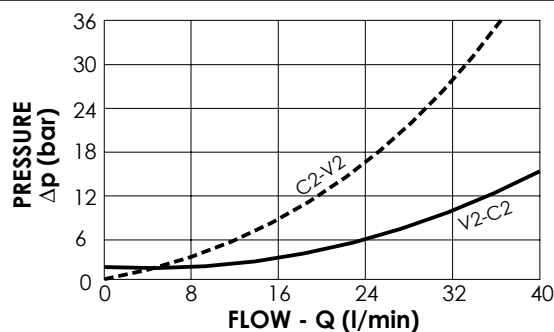
## Motion Control Valves

### Section 9

| SECTION 9                                                                          |                      |                                                        | <div>Atlantic<br/>Fluid Tech</div> |                           |              |                   |                  |
|------------------------------------------------------------------------------------|----------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------|--------------|-------------------|------------------|
| MOTION CONTROL VALVES                                                              |                      |                                                        |                                                                                                                       |                           |              |                   |                  |
| Hydraulic<br>scheme                                                                | Valve<br>description | Valve type                                             | Rated<br>flow<br>(l/min)                                                                                              | Max.<br>pressure<br>(bar) | Installation | Main port<br>size | Page             |
|   | MNDN-040-LLST        | Stabilized                                             | 40                                                                                                                    | 350                       | In line      | G 3/8"            | 9.01. <b>010</b> |
|                                                                                    | MNDN-120-LLST        | Stabilized                                             | 120                                                                                                                   | 350                       | In line      | G 3/4"            | 9.01. <b>020</b> |
|                                                                                    | MNDN-200-LLST        | Stabilized                                             | 200                                                                                                                   | 350                       | In line      | G 1"              | 9.01. <b>030</b> |
|   | MNDN-040-LLSV        | Stabilized, with brake release                         | 40                                                                                                                    | 350                       | In line      | G 3/8"            | 9.02. <b>040</b> |
|                                                                                    | MNDN-120-LLSV        | Stabilized, with brake release                         | 120                                                                                                                   | 350                       | In line      | G 3/4"            | 9.02. <b>050</b> |
|                                                                                    | MNDN-200-LLSV        | Stabilized, with brake release                         | 200                                                                                                                   | 350                       | In line      | G 1"              | 9.02. <b>060</b> |
|   | MNDN-040-LLPT        | Stabilized and brake, dual setting                     | 40                                                                                                                    | 350                       | In line      | G 3/8"            | 9.03. <b>070</b> |
|                                                                                    | MNDN-120-LLPT        | Stabilized and brake, dual setting                     | 120                                                                                                                   | 350                       | In line      | G 3/4"            | 9.03. <b>080</b> |
|                                                                                    | MNDN-200-LLPT        | Stabilized and brake, dual setting                     | 200                                                                                                                   | 350                       | In line      | G 1"              | 9.03. <b>090</b> |
|  | MNDN-040-LLPV        | Stabilized and brake, dual setting, with brake release | 40                                                                                                                    | 350                       | In line      | G 3/8"            | 9.03. <b>100</b> |
|                                                                                    | MNDN-120-LLPV        | Stabilized and brake, dual setting, with brake release | 120                                                                                                                   | 350                       | In line      | G 3/4"            | 9.03. <b>110</b> |
|                                                                                    | MNDN-200-LLPV        | Stabilized and brake, dual setting, with brake release | 200                                                                                                                   | 350                       | In line      | G 1"              | 9.03. <b>120</b> |
|                                                                                    |                      |                                                        |                                                                                                                       |                           |              |                   |                  |

**SPECIFICATIONS**

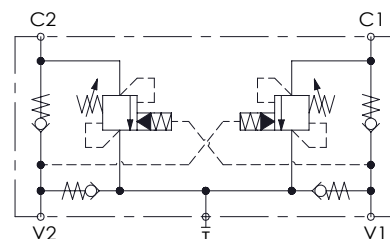
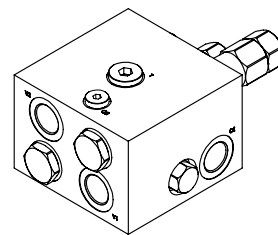
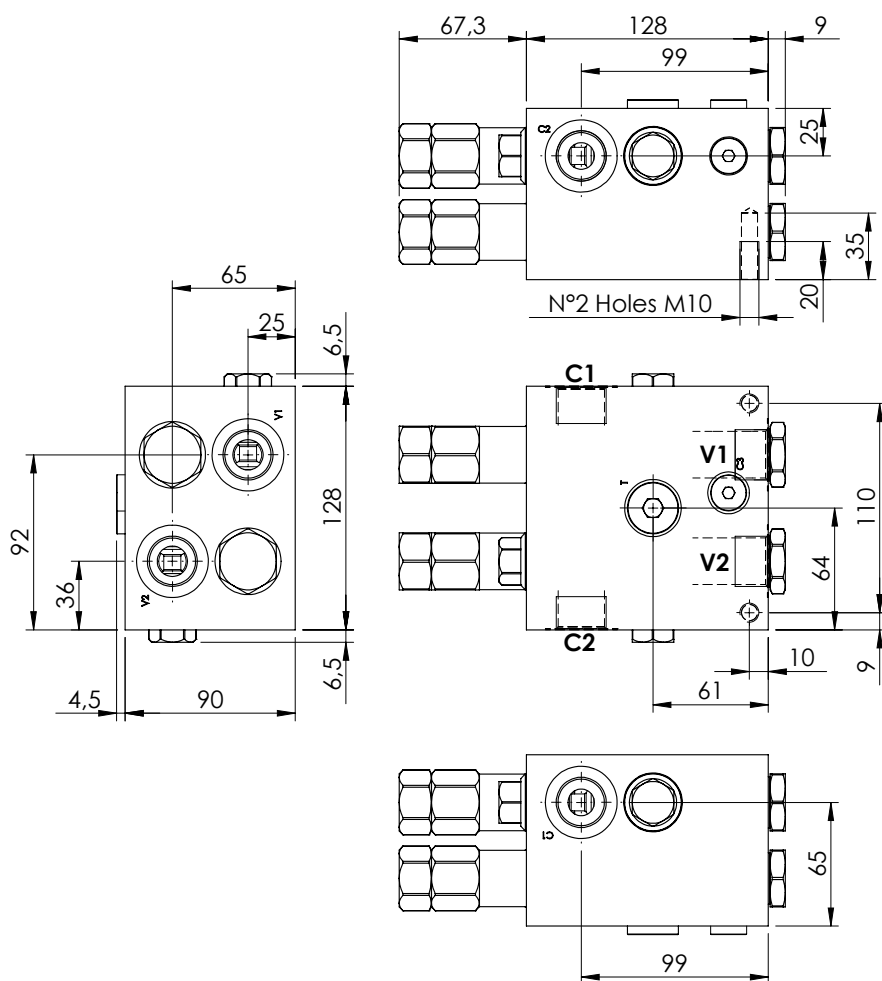
|                          |           |
|--------------------------|-----------|
| Max. operating pressure: | 300 bar   |
| Rated flow:              | 40 l/min  |
| Manifold:                | Aluminium |
| Weight:                  | 2,65 kg   |

**NOTES**

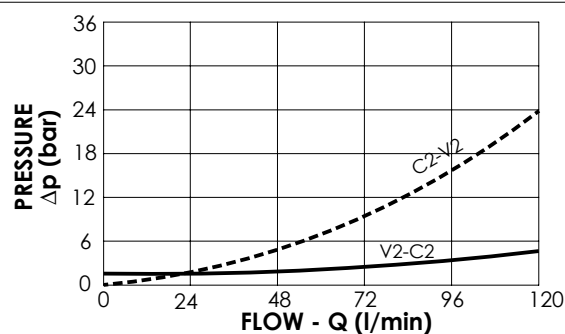
Setting: at least 1.3 times the load induced pressure

**ORDERING CODES**

| Quick code | Description               | Pilot ratio | Main ports size                  | Standard setting (bar, Q=5 l/min) | Adjust. range (bar) | Pressure increase (bar/turn) |
|------------|---------------------------|-------------|----------------------------------|-----------------------------------|---------------------|------------------------------|
| MN000023   | MNDN-040-LLST-09-G38-N300 | 9:1         | V1,V2,C1,C2: G 3/8"<br>T: G 3/8" | 150                               | 100-300             | 119                          |
| MN000029   | MNDN-040-LLST-03-G38-N300 | 3:1         | V1,V2,C1,C2: G 3/8"<br>T: G 3/8" | 150                               | 100-300             | 119                          |
|            |                           |             |                                  |                                   |                     |                              |
|            |                           |             |                                  |                                   |                     |                              |
|            |                           |             |                                  |                                   |                     |                              |
|            |                           |             |                                  |                                   |                     |                              |

**SPECIFICATIONS**

|                          |           |
|--------------------------|-----------|
| Max. operating pressure: | 300 bar   |
| Rated flow:              | 120 l/min |
| Manifold:                | Aluminium |
| Weight:                  | 5,05 kg   |

**NOTES**

Setting: at least 1.3 times the load induced pressure

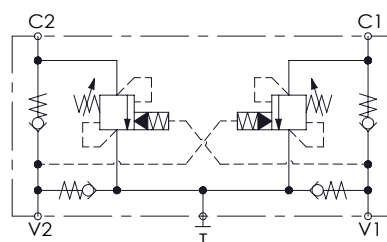
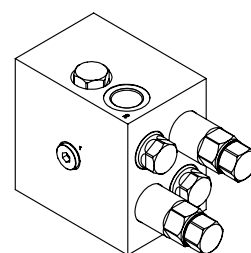
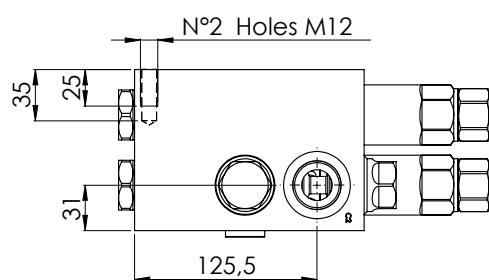
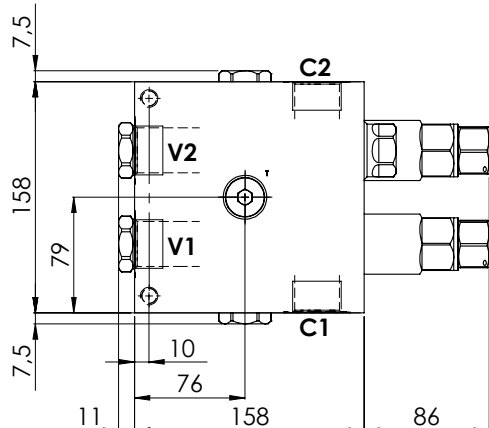
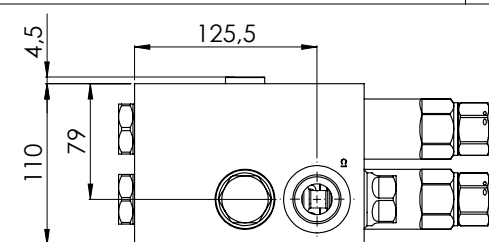
**ORDERING CODES**

| Quick code | Description               | Pilot ratio | Main ports size                   | Standard setting (bar, Q=5 l/min) | Adjust. range (bar) | Pressure increase (bar/turn) |
|------------|---------------------------|-------------|-----------------------------------|-----------------------------------|---------------------|------------------------------|
| MN000013   | MNDN-120-LLST-08-G34-N300 | 8:1         | V1,V2,C1,C2 : G3/4"<br>T : G 1/2" | 150                               | 100-300             | 111                          |
| MN000012   | MNDN-120-LLST-03-G34-N300 | 3:1         | V1,V2,C1,C2 : G3/4"<br>T : G 1/2" | 150                               | 70-210              | 73                           |
|            |                           |             |                                   |                                   |                     |                              |
|            |                           |             |                                   |                                   |                     |                              |
|            |                           |             |                                   |                                   |                     |                              |
|            |                           |             |                                   |                                   |                     |                              |

# MOTION CONTROL

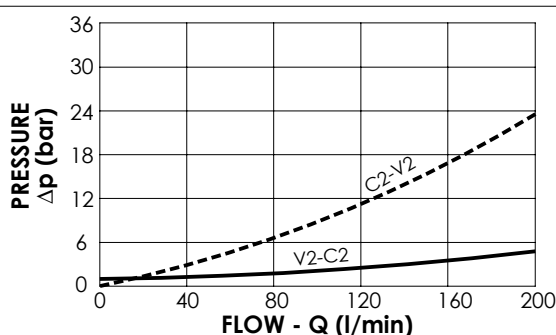
## MNDN-200-LLST

STABILIZED



### SPECIFICATIONS

|                          |           |
|--------------------------|-----------|
| Max. operating pressure: | 300 bar   |
| Rated flow:              | 200 l/min |
| Manifold:                | Aluminium |
| Weight:                  | 9,74 kg   |

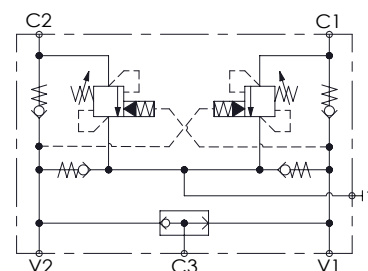
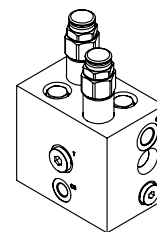
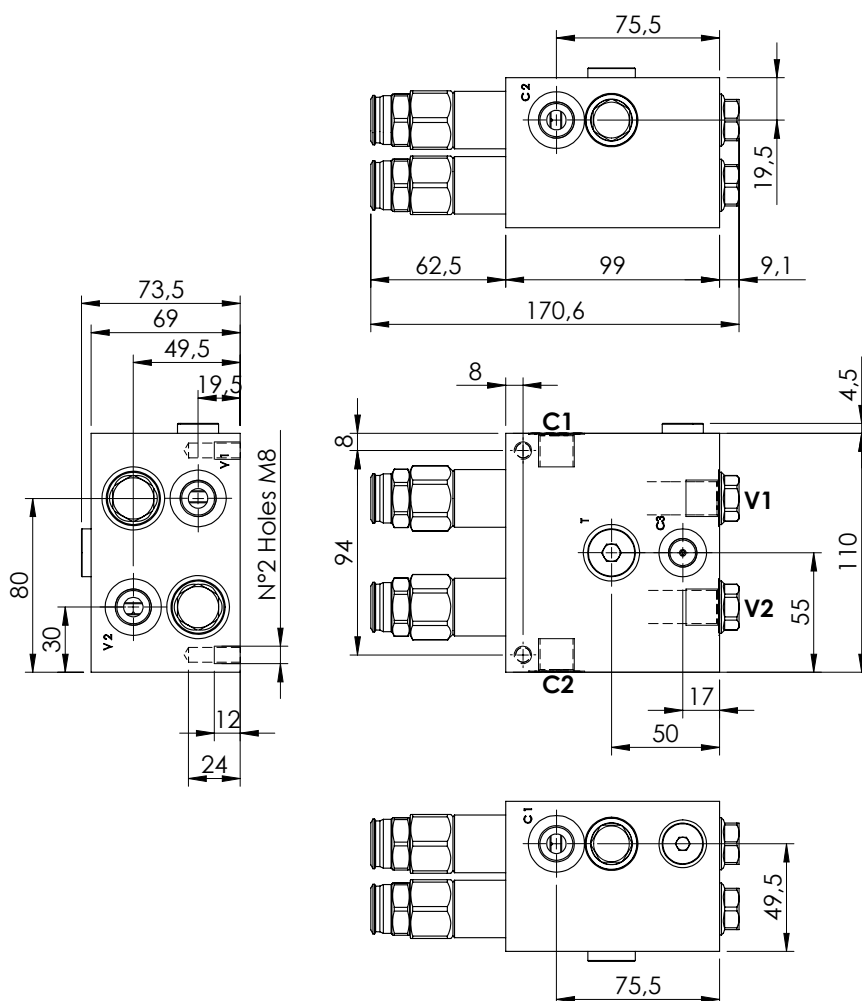


### NOTES

Setting: at least 1.3 times the load induced pressure

### ORDERING CODES

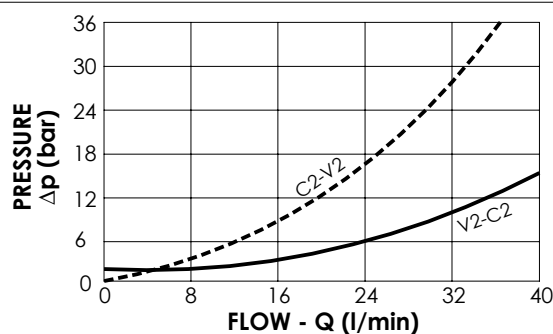
| Quick code | Description               | Pilot ratio | Main ports size              | Standard setting (bar, Q=5 l/min) | Adjust. range (bar) | Pressure increase (bar/turn) |
|------------|---------------------------|-------------|------------------------------|-----------------------------------|---------------------|------------------------------|
| MN000020   | MNDN-200-LLST-08-G10-N300 | 8:1         | V1,V2,C1,C2: G1"<br>T: G1/2" | 150                               | 120-300             | 65                           |
|            |                           |             |                              |                                   |                     |                              |
|            |                           |             |                              |                                   |                     |                              |
|            |                           |             |                              |                                   |                     |                              |
|            |                           |             |                              |                                   |                     |                              |
|            |                           |             |                              |                                   |                     |                              |

**MNDN-040-LLSV****STABILIZED  
WITH BRAKE RELEASE****SPECIFICATIONS**

|                          |           |
|--------------------------|-----------|
| Max. operating pressure: | 300 bar   |
| Rated flow:              | 40 l/min  |
| Manifold:                | Aluminium |
| Weight:                  | 2,66 kg   |

**NOTES**

Setting: at least 1.3 times the load induced pressure

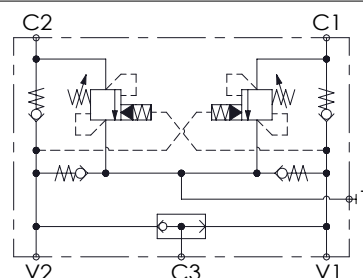
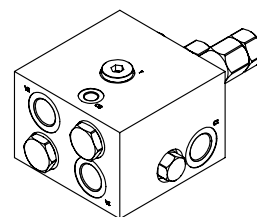
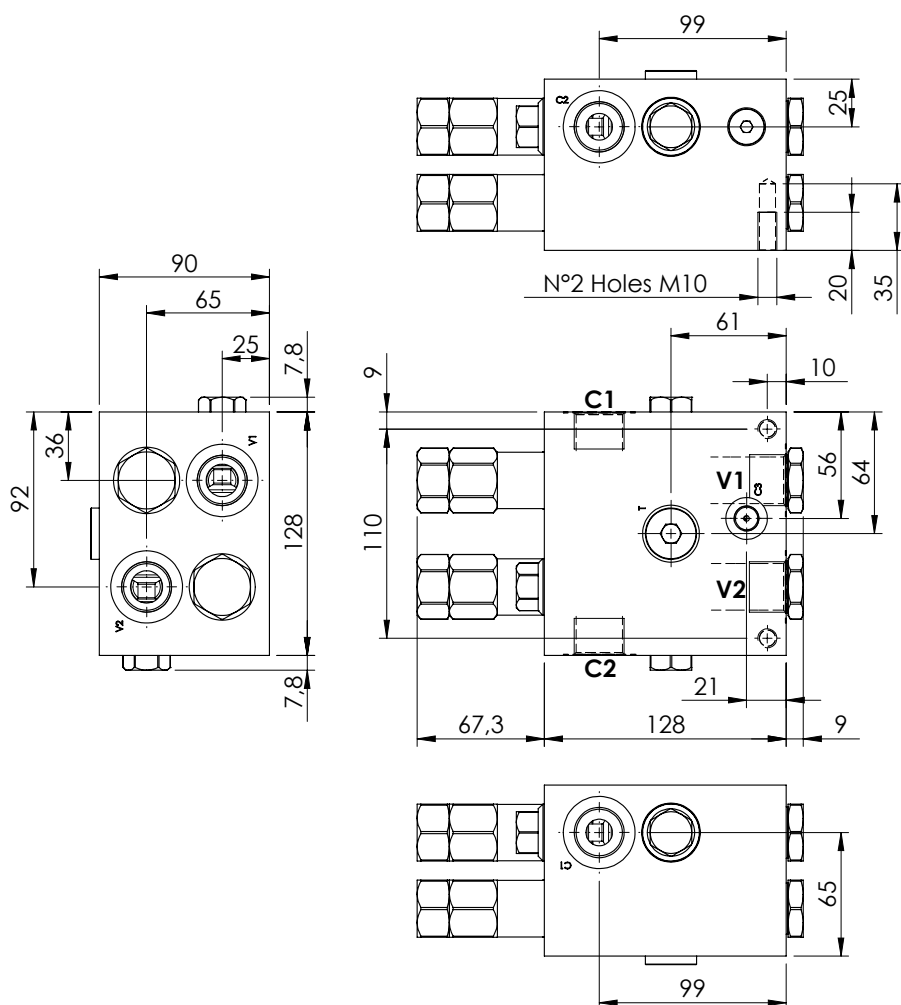
**ORDERING CODES**

| Quick code | Description               | Pilot ratio | Main ports size                     | Standard setting (bar, Q=5 l/min) | Adjust. range (bar) | Pressure increase (bar/turn) |
|------------|---------------------------|-------------|-------------------------------------|-----------------------------------|---------------------|------------------------------|
| MN000008   | MNDN-040-LLSV-09-G38-N300 | 9:1         | V1,V2,C1,C2,T: G 3/8"<br>C3: G 1/4" | 150                               | 100-300             | 119                          |
| MN000032   | MNDN-040-LLSV-09-G38-N200 | 9:1         | V1,V2,C1,C2,T: G 3/8"<br>C3: G 1/4" | 150                               | 70-150              | 63                           |
| MN000033   | MNDN-040-LLSV-03-G38-N300 | 3:1         | V1,V2,C1,C2,T: G 3/8"<br>C3: G 1/4" | 150                               | 100-300             | 119                          |
| MN000034   | MNDN-040-LLSV-03-G38-N200 | 3:1         | V1,V2,C1,C2,T: G 3/8"<br>C3: G 1/4" | 150                               | 70-150              | 63                           |
|            |                           |             |                                     |                                   |                     |                              |
|            |                           |             |                                     |                                   |                     |                              |

# MOTION CONTROL

## MNDN-120-LLSV

STABILIZED  
WITH BRAKE RELEASE

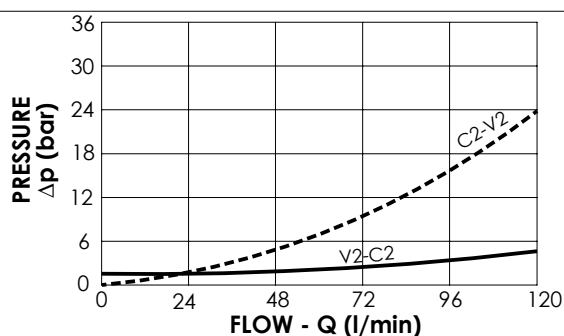


### SPECIFICATIONS

|                          |           |
|--------------------------|-----------|
| Max. operating pressure: | 300 bar   |
| Rated flow:              | 120 l/min |
| Manifold:                | Aluminium |
| Weight:                  | 5,03 kg   |

### NOTES

Setting: at least 1.3 times the load induced pressure



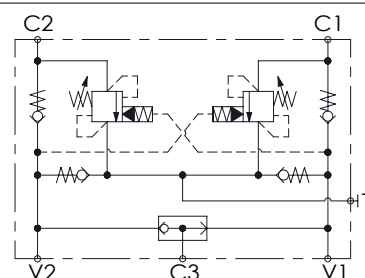
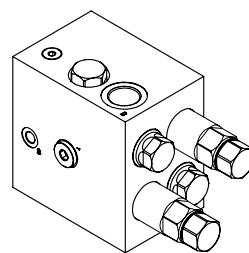
### ORDERING CODES

| Quick code | Description               | Pilot ratio | Main ports size                              | Standard setting (bar, Q=5 l/min) | Adjust. range (bar) | Pressure increase (bar/turn) |
|------------|---------------------------|-------------|----------------------------------------------|-----------------------------------|---------------------|------------------------------|
| MN000014   | MNDN-120-LLSV-08-G34-N300 | 8:1         | V1,V2,C1,C2: G 3/4"<br>T: G 1/2"; C3: G 1/4" | 150                               | 100-300             | 111                          |
| MN000015   | MNDN-120-LLSV-03-G34-N300 | 3:1         | V1,V2,C1,C2: G 3/4"<br>T: G 1/2"; C3: G 1/4" | 150                               | 100-300             | 111                          |
|            |                           |             |                                              |                                   |                     |                              |
|            |                           |             |                                              |                                   |                     |                              |
|            |                           |             |                                              |                                   |                     |                              |
|            |                           |             |                                              |                                   |                     |                              |

# MOTION CONTROL

## MNDN-200-LLSV

STABILIZED  
WITH BRAKE RELEASE

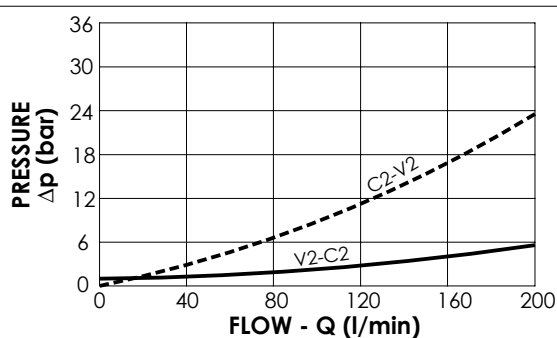


### SPECIFICATIONS

|                          |           |
|--------------------------|-----------|
| Max. operating pressure: | 300 bar   |
| Rated flow:              | 200 l/min |
| Manifold:                | Aluminium |
| Weight:                  | 9,56 kg   |

### NOTES

Setting: at least 1.3 times the load induced pressure



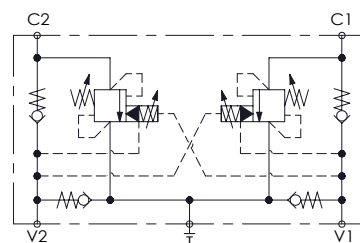
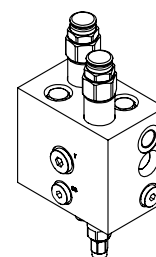
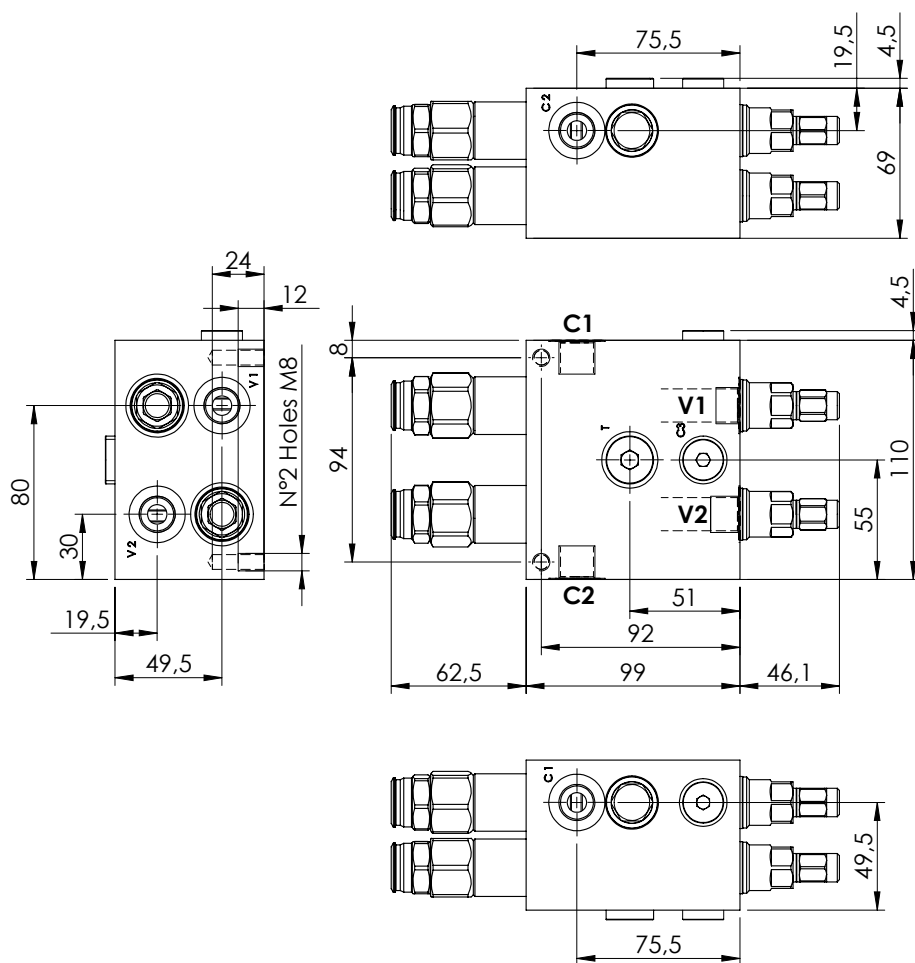
### ORDERING CODES

| Quick code | Description               | Pilot ratio | Main ports size                          | Standard setting (bar, Q=5 l/min) | Adjust. range (bar) | Pressure increase (bar/turn) |
|------------|---------------------------|-------------|------------------------------------------|-----------------------------------|---------------------|------------------------------|
| MN000021   | MNDN-200-LLSV-08-G10-N300 | 8:1         | V1,V2,C1,C2: G1"<br>T: G1/2"; C3: G 1/4" | 150                               | 120-300             | 65                           |
|            |                           |             |                                          |                                   |                     |                              |
|            |                           |             |                                          |                                   |                     |                              |
|            |                           |             |                                          |                                   |                     |                              |
|            |                           |             |                                          |                                   |                     |                              |
|            |                           |             |                                          |                                   |                     |                              |

# MOTION CONTROL

# MNDN-040-LLPT

# SOFT STOP DUAL SETTING

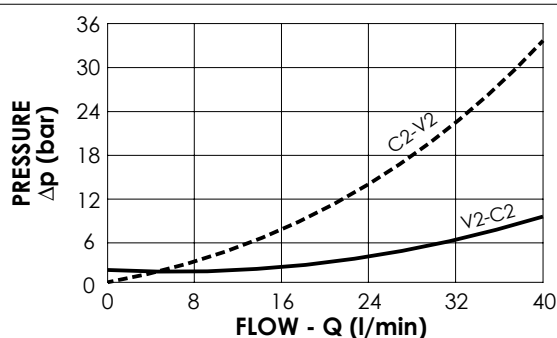


## SPECIFICATIONS

|                          |           |
|--------------------------|-----------|
| Max. operating pressure: | 300 bar   |
| Rated flow:              | 40 l/min  |
| Manifold:                | Aluminium |
| Weight:                  | 2,79 kg   |

## NOTES

Setting: at least 1.3 times the load induced pressure



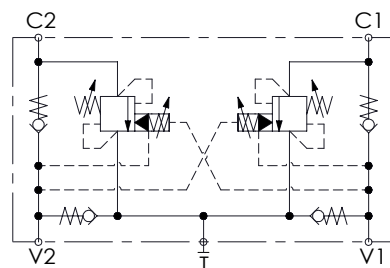
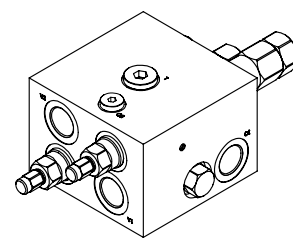
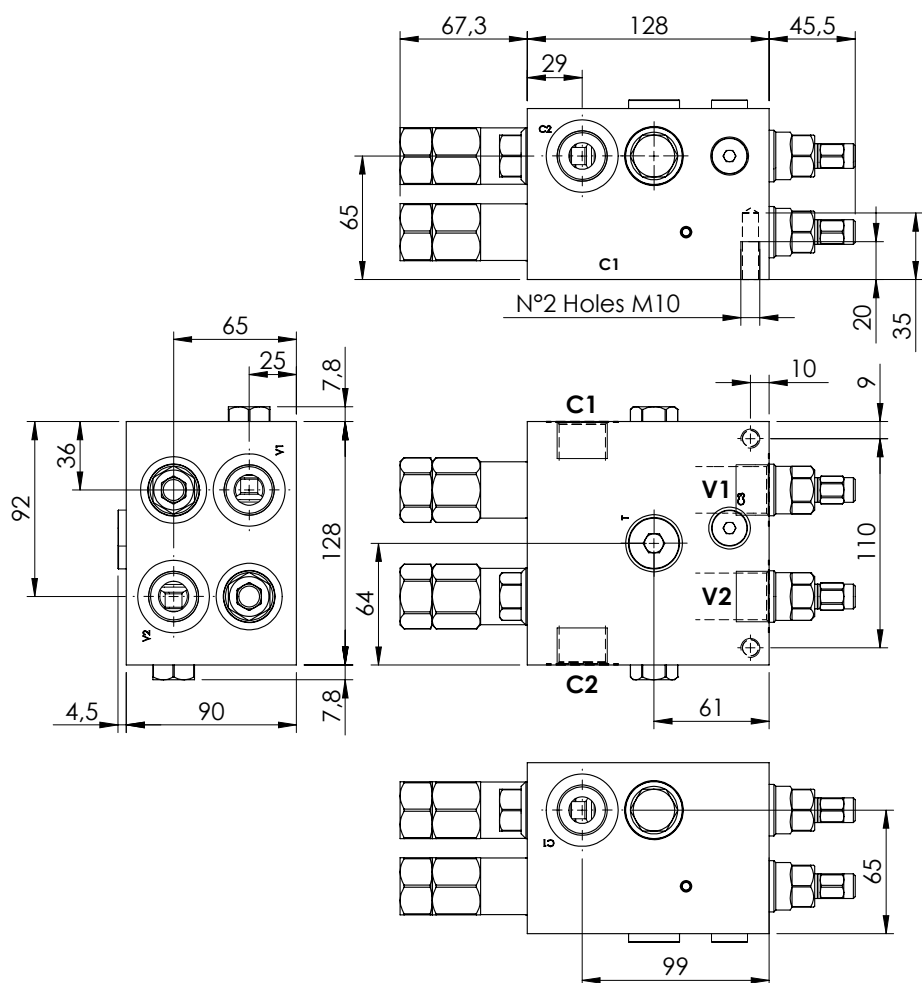
## ORDERING CODES

| Quick code | Description               | Pilot ratio | Main ports size                | Standard setting (bar, Q=5 l/min) | Adjust. range (bar) | Pressure increase (bar/turn) |
|------------|---------------------------|-------------|--------------------------------|-----------------------------------|---------------------|------------------------------|
| MN000024   | MNDN-040-LLPT-09-G38-N300 | 9:1         | V1,V2,C1,C2: G3/8"<br>T: G3/8" | Start: 300<br>Brake: 120          | 100-300             | 119                          |
|            |                           |             |                                |                                   |                     |                              |
|            |                           |             |                                |                                   |                     |                              |
|            |                           |             |                                |                                   |                     |                              |
|            |                           |             |                                |                                   |                     |                              |
|            |                           |             |                                |                                   |                     |                              |

# MOTION CONTROL

## MNDN-120-LLPT

SOFT STOP  
DUAL SETTING

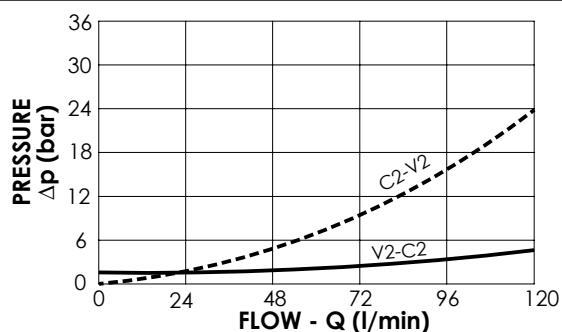


### SPECIFICATIONS

|                          |           |
|--------------------------|-----------|
| Max. operating pressure: | 300 bar   |
| Rated flow:              | 120 l/min |
| Manifold:                | Aluminium |
| Weight:                  | 5,13 kg   |

### NOTES

Setting: at least 1.3 times the load induced pressure



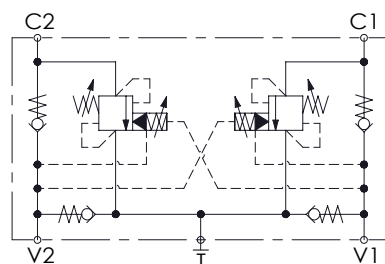
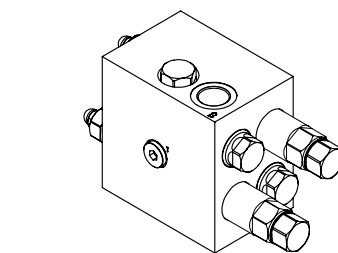
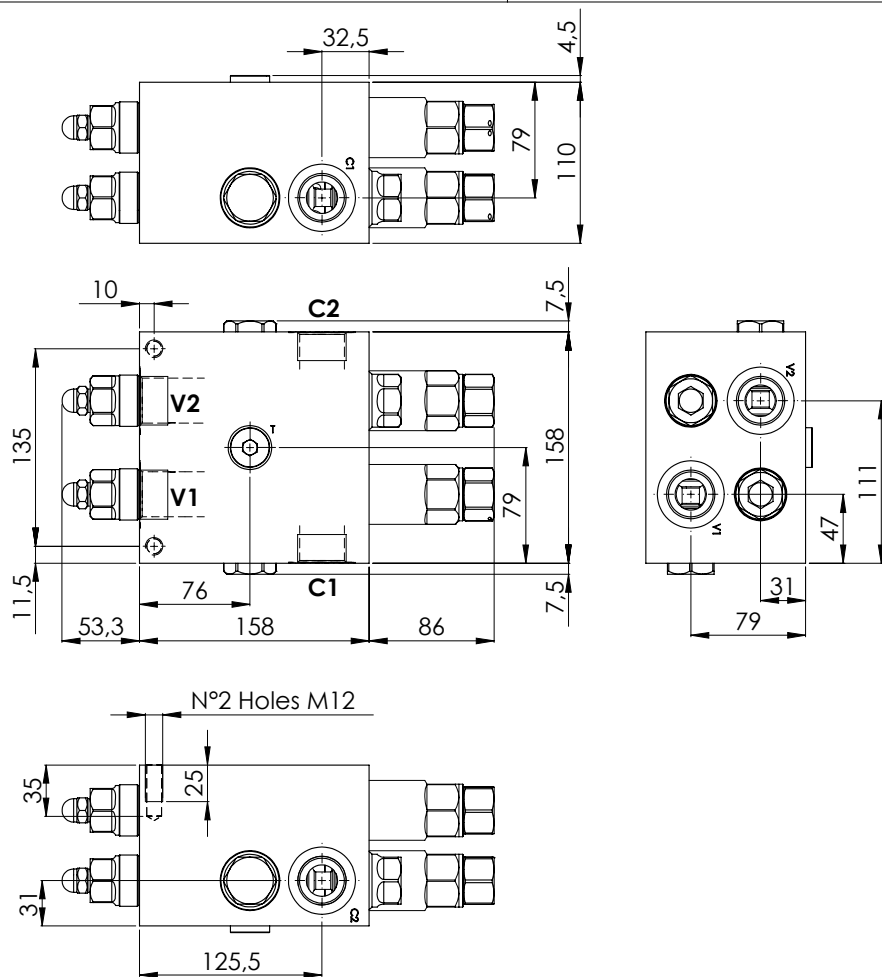
### ORDERING CODES

| Quick code | Description               | Pilot ratio | Main ports size                   | Standard setting (bar, Q=5 l/min) | Adjust. range (bar) | Pressure increase (bar/turn) |
|------------|---------------------------|-------------|-----------------------------------|-----------------------------------|---------------------|------------------------------|
| MN000017   | MNDN-120-LLPT-08-G34-N300 | 8:1         | V1,V2,C1,C2 : G3/4"<br>T : G 1/2" | Start: 300<br>Brake: 120          | 100-300             | 107                          |
| MN000047   | MNDN-120-LLPT-03-G34-N300 | 3:1         | V1,V2,C1,C2 : G3/4"<br>T : G 1/2" | Start: 300<br>Brake: 120          | 100-300             | 107                          |
| MN000016   | MNDN-120-LLPT-03-G34-N200 | 3:1         | V1,V2,C1,C2 : G3/4"<br>T : G 1/2" | Start: 180<br>Brake: 90           | 70-210              | 73                           |
|            |                           |             |                                   |                                   |                     |                              |
|            |                           |             |                                   |                                   |                     |                              |
|            |                           |             |                                   |                                   |                     |                              |

# MOTION CONTROL

## MNDN-200-LLPT

SOFT STOP  
DUAL SETTING

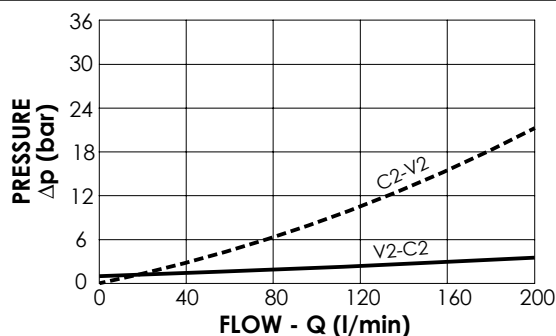


### SPECIFICATIONS

|                          |           |
|--------------------------|-----------|
| Max. operating pressure: | 300 bar   |
| Rated flow:              | 200 l/min |
| Manifold:                | Aluminium |
| Weight:                  | 9,8 kg    |

### NOTES

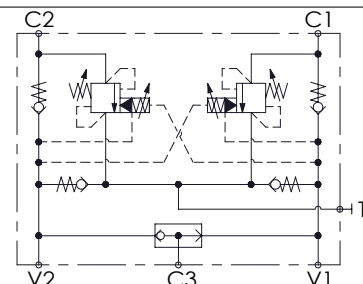
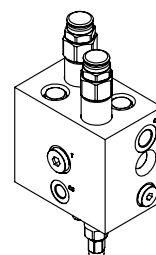
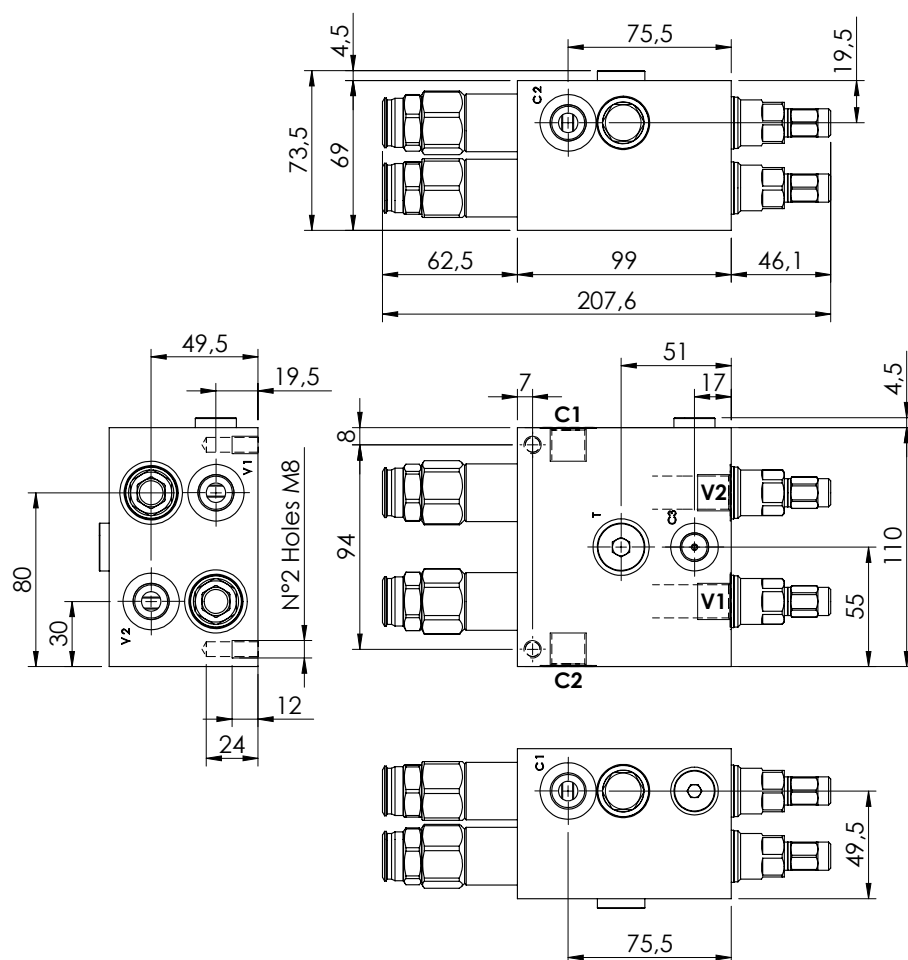
Setting: at least 1.3 times the load induced pressure



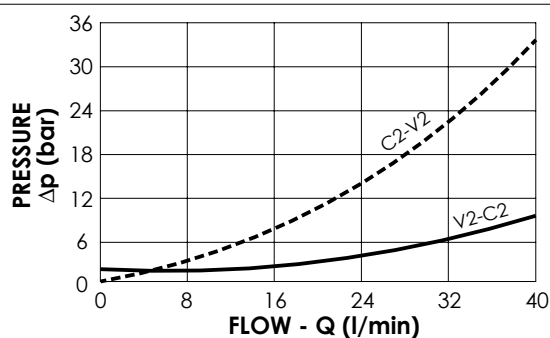
### ORDERING CODES

| Quick code | Description               | Pilot ratio | Main ports size                | Standard setting (bar, Q=5 l/min) | Adjust. range (bar) | Pressure increase (bar/turn) |
|------------|---------------------------|-------------|--------------------------------|-----------------------------------|---------------------|------------------------------|
| MN000004   | MNDN-200-LLPT-08-G10-N300 | 8:1         | V1,V2,C1,C2 : G1"<br>T : G1/2" | Start: 300<br>Brake: 120          | 120-300             | 65                           |
|            |                           |             |                                |                                   |                     |                              |
|            |                           |             |                                |                                   |                     |                              |
|            |                           |             |                                |                                   |                     |                              |
|            |                           |             |                                |                                   |                     |                              |
|            |                           |             |                                |                                   |                     |                              |

**SOFT STOP  
DUAL SETTING  
WITH BRAKE RELEASE**

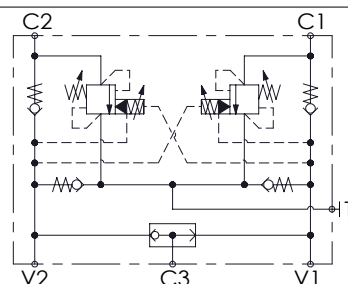
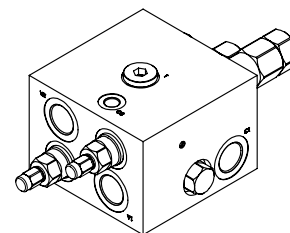


|                                 |                  |
|---------------------------------|------------------|
| <b>Max. operating pressure:</b> | <b>300 bar</b>   |
| <b>Rated flow:</b>              | <b>40 l/min</b>  |
| <b>Manifold:</b>                | <b>Aluminium</b> |
| <b>Weight:</b>                  | <b>2,77 kg</b>   |



**Setting:** at least 1.3 times the load induced pressure

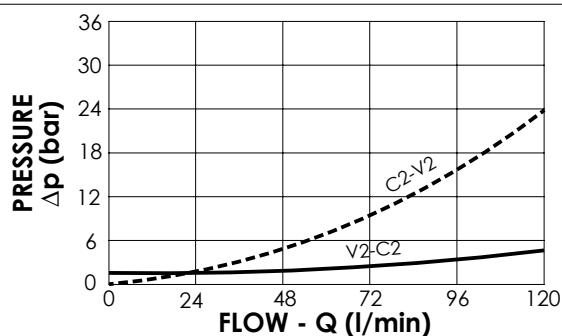
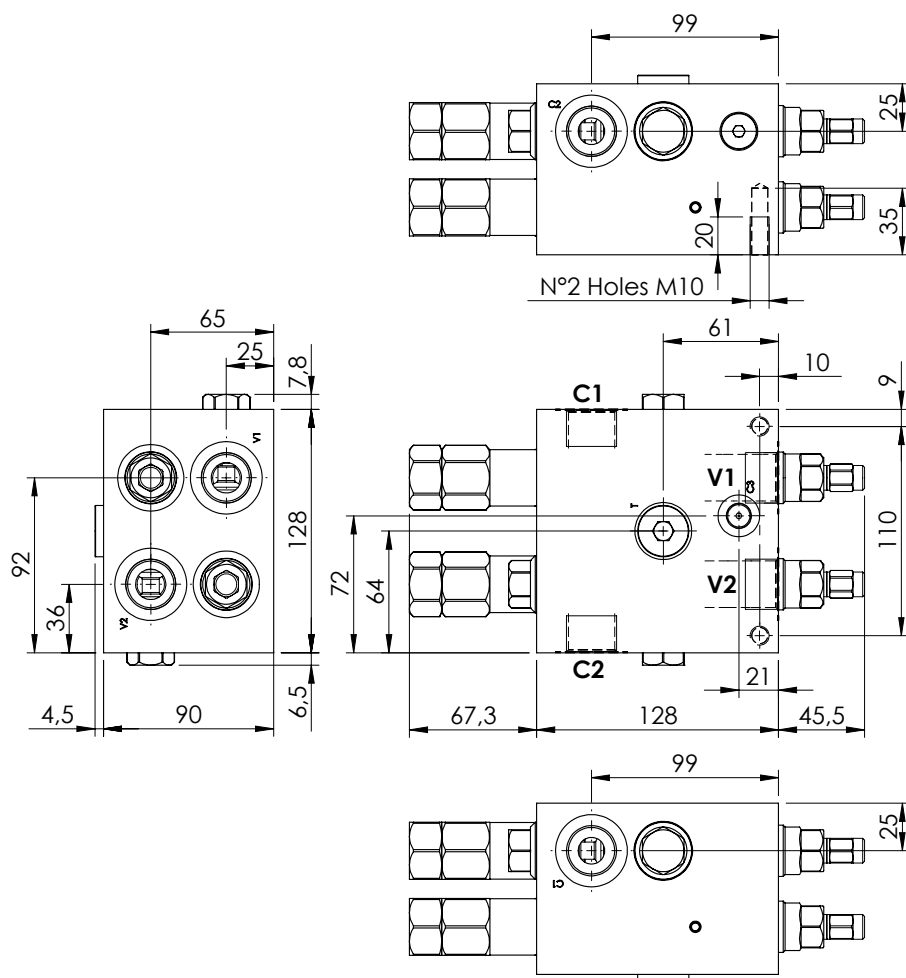
| Quick code | Description               | Pilot ratio | Main ports size                      | Standard setting<br>(bar, Q=5 l/min) | Adjust. range<br>(bar) | Pressure increase<br>(bar/turn) |
|------------|---------------------------|-------------|--------------------------------------|--------------------------------------|------------------------|---------------------------------|
| MN000019   | MNDN-040-LLPV-09-G38-N300 | 9:1         | V1,V2,C1,C2,T: G 3/8"<br>C3 : G 1/4" | Start: 300<br>Brake:120              | 100-300                | 119                             |
| MN000028   | MNDN-040-LLPV-09-G38-N200 | 9:1         | V1,V2,C1,C2,T: G 3/8"<br>C3 : G 1/4" | Start: 200<br>Brake: 90              | 60-210                 | 63                              |
|            |                           |             |                                      |                                      |                        |                                 |
|            |                           |             |                                      |                                      |                        |                                 |
|            |                           |             |                                      |                                      |                        |                                 |
|            |                           |             |                                      |                                      |                        |                                 |

**MNDN-120-LLPV****SOFT STOP  
DUAL SETTING  
WITH BRAKE RELEASE****SPECIFICATIONS**

|                          |           |
|--------------------------|-----------|
| Max. operating pressure: | 300 bar   |
| Rated flow:              | 120 l/min |
| Manifold:                | Aluminium |
| Weight:                  | 5,11 kg   |

**NOTES**

Setting: at least 1.3 times the load induced pressure

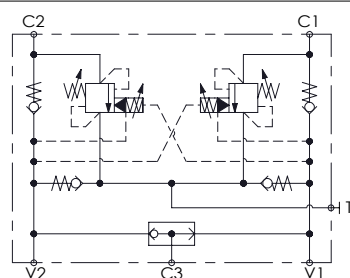
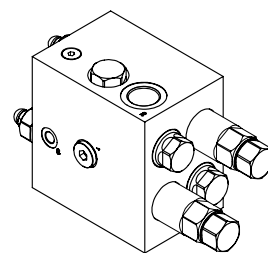
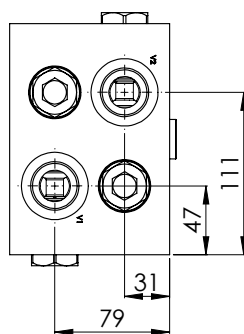
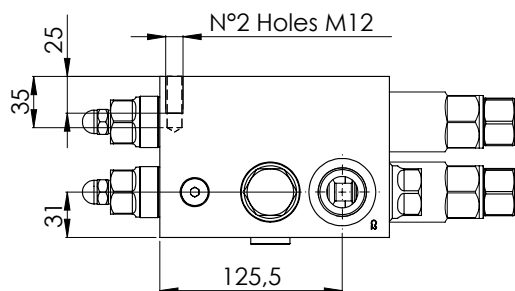
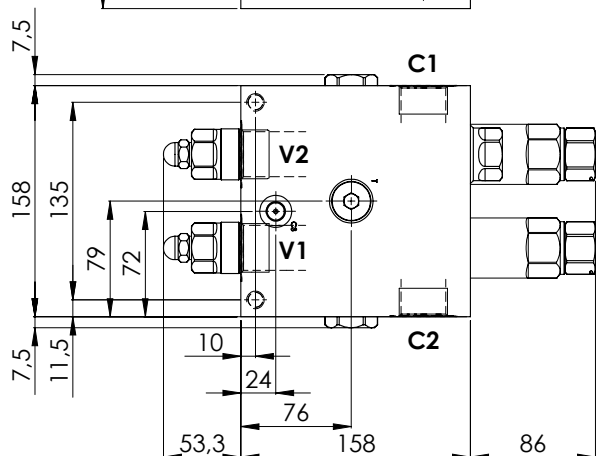
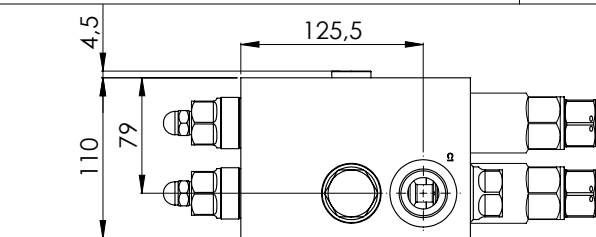
**ORDERING CODES**

| Quick code | Description               | Pilot ratio | Main ports size                              | Standard setting (bar, Q=5 l/min) | Adjust. range (bar) | Pressure increase (bar/turn) |
|------------|---------------------------|-------------|----------------------------------------------|-----------------------------------|---------------------|------------------------------|
| MN000010   | MNDN-120-LLPV-08-G34-N300 | 8:1         | V1,V2,C1,C2: G 3/4"<br>T: G 1/2"; C3: G 1/4" | Start: 300<br>Brake: 120          | 100-300             | 111                          |
| MN000001   | MNDN-120-LLPV-08-G34-N200 | 8:1         | V1,V2,C1,C2: G 3/4"<br>T: G 1/2"; C3: G 1/4" | Start: 180<br>Brake: 90           | 70-210              | 73                           |
| MN000018   | MNDN-120-LLPV-03-G34-N300 | 3:1         | V1,V2,C1,C2: G 3/4"<br>T: G 1/2"; C3: G 1/4" | Start: 300<br>Brake: 120          | 100-300             | 111                          |
| MN000048   | MNDN-120-LLPV-03-G34-N200 | 3:1         | V1,V2,C1,C2: G 3/4"<br>T: G 1/2"; C3: G 1/4" | Start: 180<br>Brake: 90           | 70-210              | 73                           |
|            |                           |             |                                              |                                   |                     |                              |
|            |                           |             |                                              |                                   |                     |                              |

# MOTION CONTROL

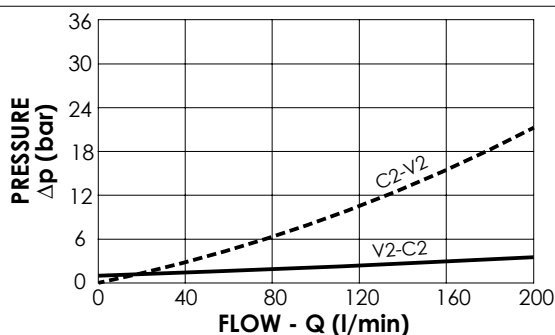
## MNDN-200-LLPV

SOFT STOP  
DUAL SETTING  
WITH BRAKE RELEASE



### SPECIFICATIONS

|                          |           |
|--------------------------|-----------|
| Max. operating pressure: | 300 bar   |
| Rated flow:              | 200 l/min |
| Manifold:                | Aluminium |
| Weight:                  | 9,81 kg   |



### NOTES

Setting: at least 1.3 times the load induced pressure

### ORDERING CODES

| Quick code | Description               | Pilot ratio | Main ports size                             | Standard setting (bar, Q=5 l/min) | Adjust. range (bar) | Pressure increase (bar/turn) |
|------------|---------------------------|-------------|---------------------------------------------|-----------------------------------|---------------------|------------------------------|
| MN000022   | MNDN-200-LLPV-08-G10-N300 | 8:1         | V1,V2,C1,C2 : G1"<br>T : G1/2"; C3 : G 1/4" | Start: 300<br>Brake: 120          | 120-300             | 65                           |
|            |                           |             |                                             |                                   |                     |                              |
|            |                           |             |                                             |                                   |                     |                              |
|            |                           |             |                                             |                                   |                     |                              |
|            |                           |             |                                             |                                   |                     |                              |
|            |                           |             |                                             |                                   |                     |                              |