



Contact:

**JIHOSTROJ a.s.**

Budějovická 148

CZ 382 32 Velešín

Czech Republic

e-mail: [mailbox@jihostroj.cz](mailto:mailbox@jihostroj.cz)

[www.jihostroj.com](http://www.jihostroj.com)



GPS 48°49'51.748"N 14°27'40.770"E

[www.jihostroj.com](http://www.jihostroj.com)

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AERO TECHNOLOGY & HYDRAULICS

### FEATURES:

- Displacement from 0.8 to 25.0 ccm/rev  
(from 0.05 to 1.53 in<sup>3</sup>/rev) in  
Unbalanced versions
- Displacement from 3 to 31 ccm/rev  
(from 0.18 to 1.89 in<sup>3</sup>/rev) in  
Balanced versions



### Main technical data of standard volumes (unbalanced):

| DPVM, DPV2<br>DPVT SERIES | Displacement           |                        | Nominal flow |           | Max. inlet pressure |       | Max. outlet pressure |       | Min. speed [rpm] | Max. speed [rpm] |
|---------------------------|------------------------|------------------------|--------------|-----------|---------------------|-------|----------------------|-------|------------------|------------------|
|                           | [cm <sup>3</sup> /rev] | [in <sup>3</sup> /rev] | [l/min]      | [gal/min] | [bar]               | [psi] | [bar]                | [psi] |                  |                  |
| DPVM 0.8                  | 0.80                   | 0.05                   | 3.60         | 0.95      | 210                 | 3 046 | 300                  | 4 351 | 1 800            | 7 000            |
| DPVM 1.0                  | 1.00                   | 0.06                   | 4.50         | 1.19      | 210                 | 3 046 | 300                  | 4 351 | 1 800            | 7 000            |
| DPV2 2.1                  | 2.10                   | 0.13                   | 6.30         | 1.66      | 210                 | 3 046 | 300                  | 4 351 | 1 000            | 4 500            |
| DPV2 4.2                  | 4.20                   | 0.26                   | 12.60        | 3.33      | 210                 | 3 046 | 300                  | 4 351 | 1 000            | 4 500            |
| DPV2 6.3                  | 6.30                   | 0.38                   | 18.90        | 4.99      | 210                 | 3 046 | 300                  | 4 351 | 1 000            | 4 500            |
| DPV2 10                   | 10.00                  | 0.61                   | 30.00        | 7.92      | 210                 | 3 046 | 300                  | 4 351 | 800              | 4 000            |
| DPVT 13                   | 13.00                  | 0.79                   | 32.50        | 8.58      | 210                 | 3 046 | 300                  | 4 351 | 800              | 4 000            |
| DPVT 16                   | 16.00                  | 0.98                   | 40.00        | 10.56     | 210                 | 3 046 | 300                  | 4 351 | 800              | 4 000            |
| DPVT 20                   | 20.00                  | 1.22                   | 50.00        | 13.20     | 200                 | 2 901 | 260                  | 3 771 | 700              | 3 800            |
| DPVT 25                   | 25.00                  | 1.53                   | 62.50        | 16.50     | 200                 | 2 901 | 260                  | 3 771 | 700              | 3 800            |

### Main technical data of standard volumes (balanced):

| DPVJ, DPVT3<br>SERIES | Displacement           |                        | Nominal flow |           | Max. inlet pressure |       | Max. outlet pressure |       | Min. speed [rpm] | Max. speed [rpm] |
|-----------------------|------------------------|------------------------|--------------|-----------|---------------------|-------|----------------------|-------|------------------|------------------|
|                       | [cm <sup>3</sup> /rev] | [in <sup>3</sup> /rev] | [l/min]      | [gal/min] | [bar]               | [psi] | [bar]                | [psi] |                  |                  |
| DPVJ 3                | 3.00                   | 0.18                   | 7.50         | 1.98      | 230                 | 3 336 | 280                  | 4 061 | 800              | 4 300            |
| DPVJ 4                | 4.00                   | 0.24                   | 10.00        | 2.64      | 230                 | 3 336 | 280                  | 4 061 | 800              | 4 300            |
| DPVJ 6                | 6.00                   | 0.37                   | 15.00        | 3.96      | 230                 | 3 336 | 280                  | 4 061 | 600              | 3 800            |
| DPVJ 8                | 8.00                   | 0.49                   | 20.00        | 5.28      | 230                 | 3 336 | 280                  | 4 061 | 600              | 3 800            |
| DPVJ 10               | 10.00                  | 0.61                   | 25.00        | 6.60      | 230                 | 3 336 | 250                  | 3 626 | 500              | 3 200            |
| DPVT3 12              | 12.00                  | 0.73                   | 30.00        | 7.92      | 230                 | 3 336 | 280                  | 4 061 | 500              | 3 500            |
| DPVT3 16              | 16.00                  | 0.98                   | 40.00        | 10.56     | 230                 | 3 336 | 280                  | 4 061 | 500              | 3 500            |
| DPVT3 20              | 20.00                  | 1.22                   | 50.00        | 13.20     | 220                 | 3 191 | 240                  | 3 481 | 500              | 3 300            |
| DPVT3 25              | 25.00                  | 1.53                   | 62.50        | 16.50     | 190                 | 2 756 | 210                  | 3 046 | 500              | 3 300            |
| DPVT3 31              | 31.00                  | 1.89                   | 77.50        | 20.46     | 170                 | 2 466 | 190                  | 2 756 | 450              | 3 100            |

For more information see: <http://www.jihostroj.com/en/hydraulics/catalogue>