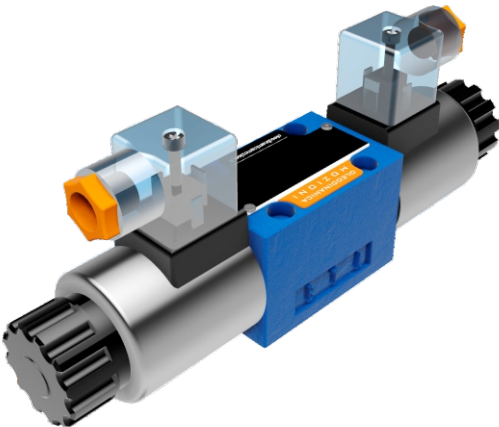


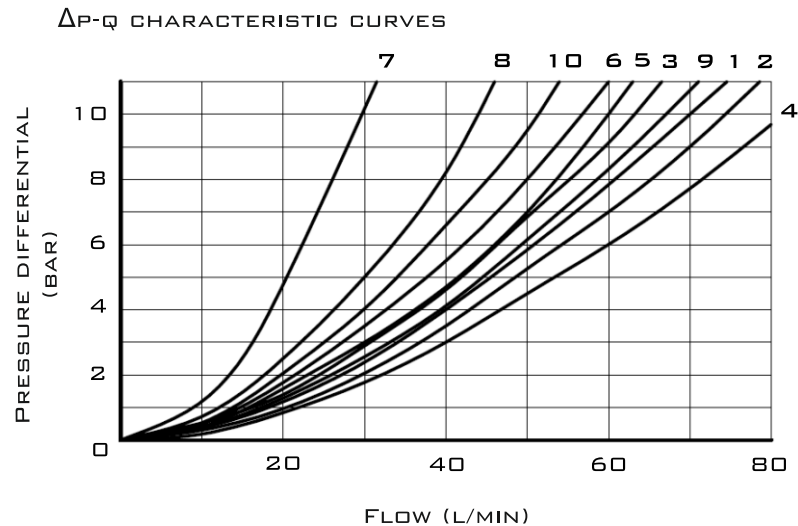
WE6 SERIES DIRECTIONAL CONTROL VALVES ARE SOLENOID OPERATED DIRECTIONAL SPOOL VALVES. THESE VALVES ARE USED TO THE START, STOP AND DIRECTION OF FLOW.



### TECHNICAL DATA

|                                    |               |                             |
|------------------------------------|---------------|-----------------------------|
| SIZE                               |               | 6                           |
| MAX. FLOW RATE (L/MIN)             |               | 80                          |
| OPERATING PRESSURE (MPA)           | A, B, P PORTS | 31.5                        |
|                                    | T PORT        | 16                          |
| WEIGHT (KG)<br>WITHOUT/WITH HANDLE | 1 SOLENOID    | 1.6/2.2                     |
|                                    | 2 SOLENOIDS   | 2.2/2.8                     |
| VALVE BODY (MATERIAL)              |               | CASTING PHOSPHATING SURFACE |

### CHARACTERISTIC CURVES

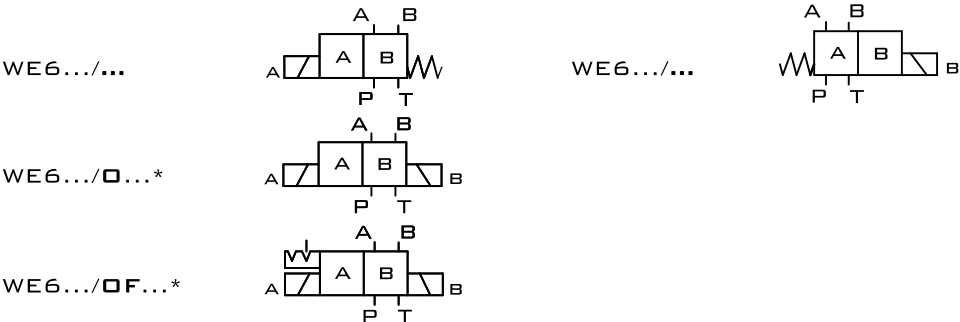


7 CURVE – SPOOL SYMBOL “R” IN SHIFTED POSITION B → A;  
8 CURVE – SPOOL SYMBOL “G” AND “T” IN CENTRAL POSITION;  
9 CURVE – SPOOL SYMBOL “H” AND “T” IN CENTRAL POSITION P → T.

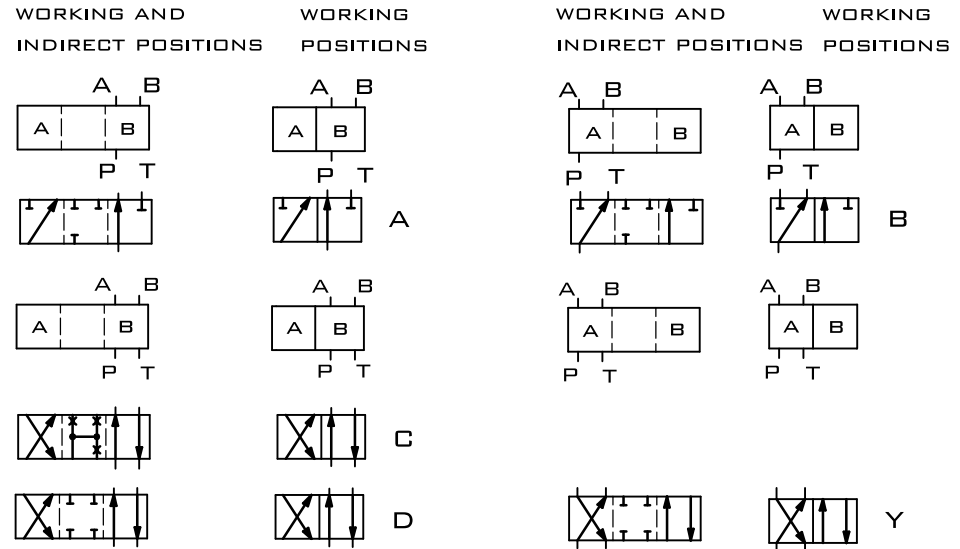
| SPOOL SYMBOL | FLOW DIRECTION |       |       |       |
|--------------|----------------|-------|-------|-------|
|              | P – A          | P – B | A – T | B – T |
| A, B         | 3              | 3     | –     | –     |
| C            | 1              | 1     | 3     | 1     |
| D, Y         | 5              | 5     | 3     | 3     |
| E            | 3              | 3     | 1     | 1     |
| F            | 1              | 3     | 1     | 1     |
| G            | 6              | 6     | 9     | 9     |
| H            | 2              | 4     | 2     | 2     |
| J, Q         | 1              | 1     | 2     | 1     |
| L            | 3              | 3     | 4     | 9     |
| M            | 2              | 4     | 3     | 3     |
| P            | 3              | 1     | 1     | 1     |
| R            | 5              | 5     | 4     | –     |
| T            | 10             | 10    | 9     | 9     |
| U            | 3              | 3     | 9     | 4     |
| V            | 1              | 2     | 1     | 1     |
| W            | 1              | 1     | 2     | 2     |

SCHEMES

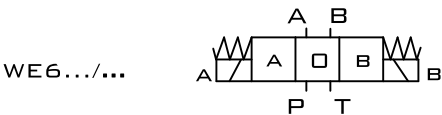
**SCHEMES OF 2-POSITION DIRECTIONAL SPOOL VALVES  
VERSIONS WITH POSITIONS A, B**



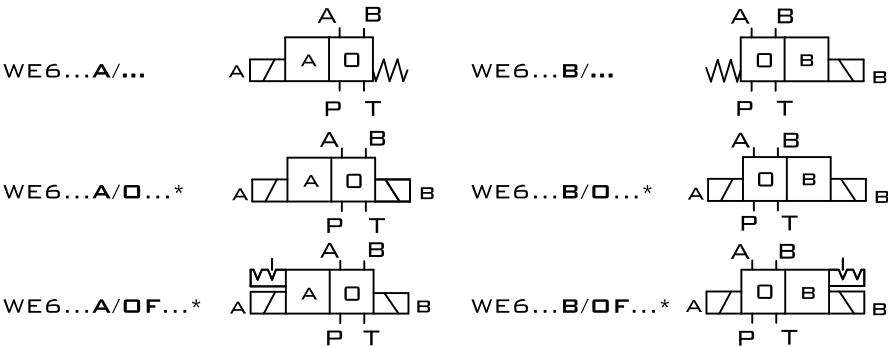
\* – VERSIONS AVAILABLE ONLY FOR SPOOL SCHEMES: A, C, D



**SCHEMES OF 3-POSITION  
DIRECTIONAL SPOOL VALVES**



**SCHEMES OF 2-POSITION DIRECTIONAL SPOOL VALVES  
VERSIONS WITH POSITIONS A, O    VERSIONS WITH POSITIONS O, B**



\* – VERSIONS AVAILABLE ONLY FOR SPOOL SCHEMES: EA, GA, HA, JA, MA, EB, GB, HB, JB, MB

SEE ALSO:  
WE10, WEH

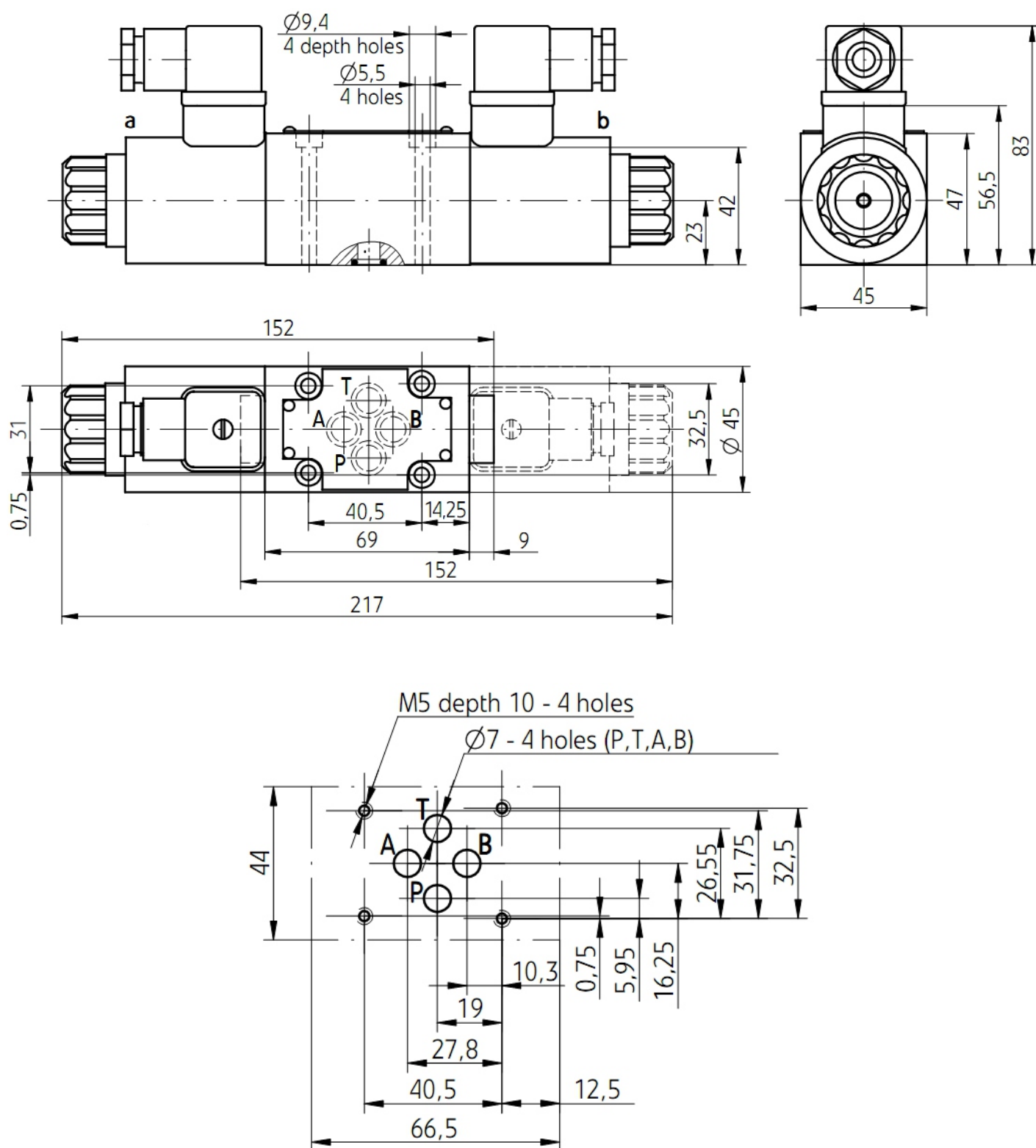


SCHEMES

HYDRAULIC SCHEMES OF SPOOLS

| WORKING AND<br>INDIRECT POSITIONS | WORKING<br>POSITIONS | WORKING AND<br>INDIRECT POSITIONS | WORKING<br>POSITIONS | WORKING AND<br>INDIRECT POSITIONS | WORKING<br>POSITIONS |
|-----------------------------------|----------------------|-----------------------------------|----------------------|-----------------------------------|----------------------|
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## SUBPLATE INSTALLATION DIMENSIONS



|                                                                                                                                                   |                              |                                                 |  |  |    |   |  |  |  |                                                                                                         |  |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------|--|--|----|---|--|--|--|---------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
|                                                                    | DISTRIBUTORI<br>OLEODINAMICI | WE6                                             |  |  |    |   |  |  |  |                                                                                                         |  |  |  |  |  |  |
|                                                                                                                                                   |                              | SOLENOID OPERATED<br>DIRECTIONAL CONTROL VALVES |  |  |    |   |  |  |  |                                                                                                         |  |  |  |  |  |  |
| ORDER CODE                                                                                                                                        |                              |                                                 |  |  |    |   |  |  |  |                                                                                                         |  |  |  |  |  |  |
| <table><tr><td></td><td>WE</td><td>6</td><td></td><td></td><td></td><td>E</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> |                              |                                                 |  |  | WE | 6 |  |  |  | E                                                                                                       |  |  |  |  |  |  |
|                                                                                                                                                   | WE                           | 6                                               |  |  |    | E |  |  |  |                                                                                                         |  |  |  |  |  |  |
| 3=3-WAY<br>4=4-WAY                                                                                                                                |                              |                                                 |  |  |    |   |  |  |  | NO CODE=NBR SEALS<br>V=FKM SEALS                                                                        |  |  |  |  |  |  |
| 6=6 SIZE                                                                                                                                          |                              |                                                 |  |  |    |   |  |  |  | Z5L=SQUIRE PLUGS WITH LAMP                                                                              |  |  |  |  |  |  |
| SPOOL TYPE                                                                                                                                        |                              |                                                 |  |  |    |   |  |  |  | NO CODE=WITHOUT THROTTLE INSERT<br>B0.8=THROTTLE 0.8 MM<br>B1.0=THROTTLE 1.0 MM<br>B1.2=THROTTLE 1.2 MM |  |  |  |  |  |  |
| 6X=60-69 SERIES                                                                                                                                   |                              |                                                 |  |  |    |   |  |  |  | N9=WITH CONCEALED HAND EMERGENCY                                                                        |  |  |  |  |  |  |
| NO CODE=WITH SPRING RETURN<br>□=WITHOUT SPRING RETURN<br>□F=WITHOUT SPRING RETURN<br>WITH DETENT                                                  |                              |                                                 |  |  |    |   |  |  |  | G12=DC12V<br>G24=DC24V<br>W110R=AC110V<br>W220R=AC220V                                                  |  |  |  |  |  |  |
| E=STANDARD SOLENOID                                                                                                                               |                              |                                                 |  |  |    |   |  |  |  |                                                                                                         |  |  |  |  |  |  |