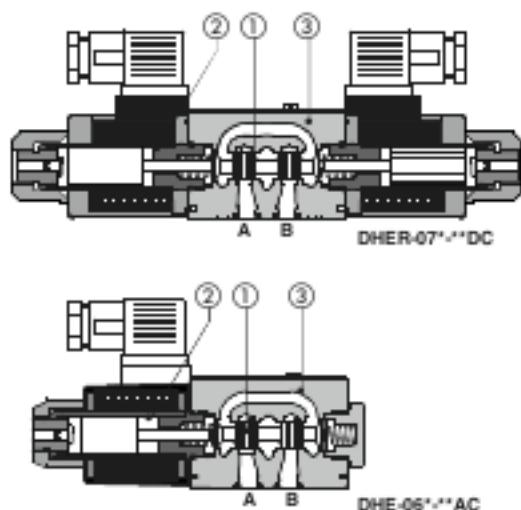


## Solenoid directional valves type DHE and DHER

direct operated, ISO 4401 size 06



### 1 MODEL CODE

|  |   |   |    |     |        |       |    |    |  |
|--|---|---|----|-----|--------|-------|----|----|--|
| DHE  | -   | 0 | 63 | 1/2 | /A - X | 24 DC | ** | /* |  |
| Directional control valves size 06   |   |   |    |     |        |       |    |    |  |
| DHE = AC and DC supply, threaded solenoids, high performance   |   |   |    |     |        |       |    |    |  |
| DHER = as DHE but cURus certified solenoids  |   |   |    |     |        |       |    |    |  |
| Valve configuration, see table ①   |   |   |    |     |        |       |    |    |  |
| 61   | a single solenoid, center plus external position, spring centered |   |    |     |        |       |    |    |  |
| 63   | a single solenoid, 2 external positions, spring of fast           |   |    |     |        |       |    |    |  |
| 67   | a single solenoid, center plus external position, spring of fast  |   |    |     |        |       |    |    |  |
| 71   | a double solenoid, 3 positions, spring centered                   |   |    |     |        |       |    |    |  |
| 75   | a double solenoid, 2 external positions, with detent              |   |    |     |        |       |    |    |  |
| Spool type, see table ②.   |   |   |    |     |        |       |    |    |  |
| Seals material:<br>o-ring for NBR (mineral oil & water glycol)<br>PE = PTFE  |   |   |    |     |        |       |    |    |  |
| Series number  |   |   |    |     |        |       |    |    |  |
| Voltage code, see section ④  |   |   |    |     |        |       |    |    |  |
| 00-AC = AC solenoids without coils<br>00-DC = DC solenoids without coils<br>X = without connector<br>See note 2 at section ④ for available connectors to be ordered separately<br>Coils with special connectors, see section ④<br>XJ = AMP Junior Timer connector<br>XX = Deutsch connector<br>XS = Lead Wire connection |   |   |    |     |        |       |    |    |  |
| Options, see note 1 at section ④.  |   |   |    |     |        |       |    |    |  |

### 2 CONFIGURATIONS and SPOOLS

| Configurations | Spools   | Configurations | Spools          |
|----------------|--|----------------|-----------------|
| 61             | 1 0 2    1 0 2    1 0 2    1 0 2                                     | 63             | 1 0 2    1 0 2  |
|                | 0 X H T    1 X T T T    2 X T T T T    3 X T T T                     |                | 0/2 X T T T T T |
| 67             | 4 X T T X    5 X T T X    6 X T T T    7 X T T T                     | 63/A           | 1/2 X T T T T T |
|                | 8 X T T T    90 X T T T T T    91 X T T T T T    92 X T T T T T      |                | 1/2 X T T T T T |
| 71             | 19 X T T T T T    93 X T T T T T    94 X T T T T T    95 X T T T T T | 75             | 2/2 X T T T T T |
|                | 49 X T T T T T    16 X T T T T T    17 X T T T T T    58 X T T T T T |                |                 |
|                | 1/9 X T T T T T  |                |                 |
|                | only for configuration 71  |                |                 |

Spool type, direct operated solenoid valves available in two different versions:

**DHE** equipped with threaded type, high performance solenoids

**DHER** as DHE but with solenoids certified according the North American standard cURus

### Configurations and construction

The valves are available in three or four way configurations and with two or three spool positions. The spools ① are interchangeable and they are available in a wide range of hydraulic configurations, see section ②. The solenoids ② have two different executions for AC or DC power supply and they are composed by:

- wet type screwed tube with integrated manual override pin d (the tube are different for AC and DC power supply).

#### • AC and DC coils see section ⑤

The coils are interchangeable for the same type of power supply AC or DC and they can be easily replaced without tools (they are not interchangeable between DHE and DHER)

The coils are fully encapsulated with the following temperature classes:

- class H for DC coils
- class F for AC coils

The valve body ③ is 3 chamber type made by shell-moulding casting.

### Options

The following optional devices are available for DHE and DHER:

- prolonged manual override protected with rubber cap for easy hand operation
- control devices of the valve switching time
- spool position monitor devices for safety applications

Surface mounting ISO 4401 size 06.

Max flow up to 80 l/min

Max pressure: 350 bar.