4 NOTES

Options

= Solenoid mounted at side of port B (only for single solenoid valves). In standard versions, solenoid is mounted at side of port A. = prolonged manual override protected by rubber cap - see section [1]



The manual override operation can be possible only if the pressure at T port is lower than 50 bar - see section 11.

WPD/H = manual override with detent, to be ordered separately, see tab. K150

FI, FV = with proximity or inductive position switch for monitoring spool position: see tab. E110.

MV, MO = auxiliary hand lever positioned vertically (MV) or horizontally (MO). For available configuration and dimensions see table E138.

Type of electric/electronic connector DIN 43650, to be ordered separately
666 = standard connector IP-65, suitable for direct connection to electric supply source.
667 = as 666, but with built-in signal led.

 = with built-in rectifier bridge for supplying DC coils by alternate current (AC 110V and 230V - Imax 1A).
 = electronic connector which eliminates electric disturbances when solenoid valves are de-energized. 669

Special shaped spools

spools type 0 and 3 are also available as 0/1 and 3/1 with restricted oil passages in central position, from user ports to tank. spools type 1, 4, 5 and 58 are also available as 1/1, 4/8, 5/1 and 58/1. They are properly shaped to reduce water-hammer shocks during the

switching.

spools type 1, 3, 8 and 1/2 are available as 1P, 3P, 8P and 1/2P to limit valve internal leakages.

spool type 1/9 has closed center in rest position but it avoids the pressurization of A and B ports due to the internal leakages.

Other types of spools can be supplied on request.

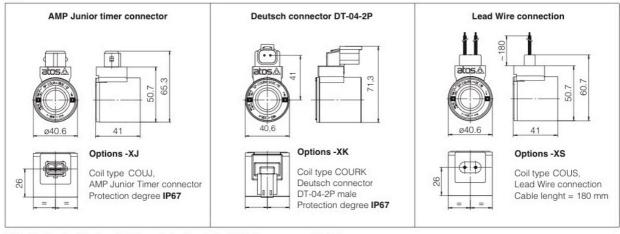
5 ELECTRIC FEATURES

External supply		Type of		Code of spare coil	Colour of coil label
nominal voltage ± 10%		connector		DHI	
6 DC	6 DC	666 or 667	33 W	COU-6DC/ 80	brown
9 DC	9 DC			COU-9DC /80	light blue
12 DC	12 DC			COU-12DC /80	green
14 DC	14 DC			COU-14DC /80	brown
18 DC	18 DC			COU-18DC /80	blue
24 DC	24 DC			COU-24DC /80	red
28 DC	28 DC			COU-28DC /80	silver
48 DC	48 DC			COU-48DC /80	silver
110 DC	110 DC			COU-110DC /80	black
125 DC	125 DC			COU-125DC /80	silver
220 DC	220 DC			COU-220DC /80	black
24/50 AC 24/60 AC	24/50/60 AC		60 VA (3)	COI-24/50/60AC /80 (1)	pink
48/50 AC 48/60 AC	48/50/60 AC			COI-48/50/60AC /80 (1)	white
110/50 AC 120/60 AC	110/50/60 AC 120/60 AC			COI-110/50/60AC /80 (1) COI-120/60AC /80	yellow white
230/50 AC 230/60 AC	230/50/60 AC 230/60 AC			COI-230/50/60AC /80 (1) COI-230/60AC /80	light blue silver
110/50 AC 120/60 AC	110RC	- 669	33 W	COU-110RC /80	gold
230/50 AC 230/60 AC	230RC			COU-230RC /80	blue

⁽¹⁾ Coil can be supplied also with 60 Hz of voltage frequency: in this case the performances are reduced by 10 ÷15% and the power consumption is 55 VA.

(2) Average values based on tests preformed at nominal hydraulic condition and ambient/coil temperature of 20°C.(3) When solenoid is energized, the inrush current is approx 3 times the holding current. Inrush current values correspond to a power consumption of about 150 VA.

10 COILS WITH SPECIAL CONNECTORS only for voltage supply 12, 14, 24, 28 VDC



Note: For the electric characteristics refer to standard coils features - see section 3

13 ELECTRIC CONNECTORS ACCORDING TO DIN 43650 (to be ordered separately)

