

ISO 05 HYDRAULIC VALVES type HD5-ES (drawing 20) DIRECTIONAL CONTROL - SOLENOID OPERATED

- 4-way solenoid operated directional valves
- ISO 05 interface, new generation compact body
- Oil immersed solenoids for AC and DC current
- Emergency pin for manual override
- Maximum flow rate: 140 l/min
- Maximum pressure (port P-A-B): 350 bar
- Maximum pressure (port T): 210 bar
- 100% duty cycle
- Suitable for mineral oil according to ISO 18/16/14 filtration class or better.
- Recommended viscosity range: 10 to 60cSt



SPOOL TYPE **	
0	
1	
3	
4	

DRIVE ARRANGEMENT	
C	
N	
LL	
ML	

ORDERING CODE	
HD5 – ES – 1 LL – */20	
HD5	ISO 05 4-way directional control valve
ES	Electrically controlled
1	Spool type (see table)
LL	Drive arrangement (see table)
*	b: only for versions LL, ML, LM solenoid "b"
20	Drawing
B05 – *	
B05	Coil for HD5-ES valves (plugs according to ISO 4400) Admissible voltage variation: -10% +5%
-012C	12V DC – 3,2A
-024C	24V DC – 1,8A
-115A	115V 50/60Hz AC – 0,40A
-230A	230V 50/60Hz AC – 0.21A

TYPICAL DIAGRAMS



