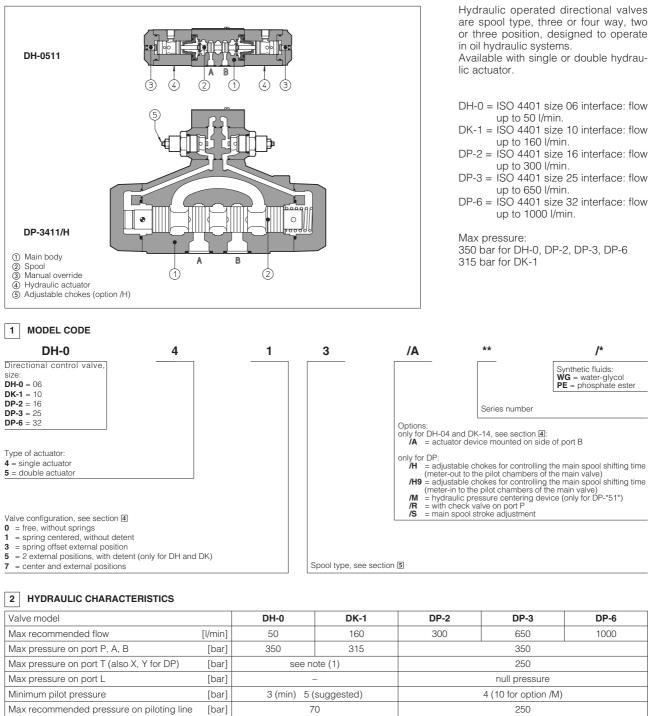


Hydraulic operated directional valves

ISO 4401 size 06, 10, 16, 25 and 32

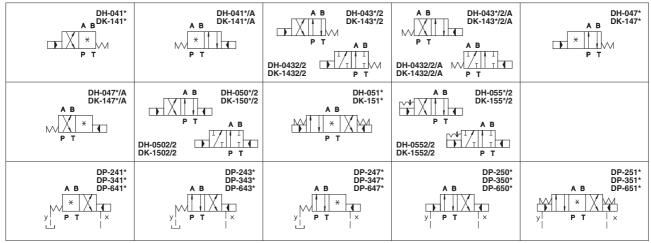


1) The max pressure on port T has to be not over 50% of pilot pressure.

MAIN CHARACTERISTICS OF HYDRAULIC OPERATED DIRECTIONAL VALVES 3

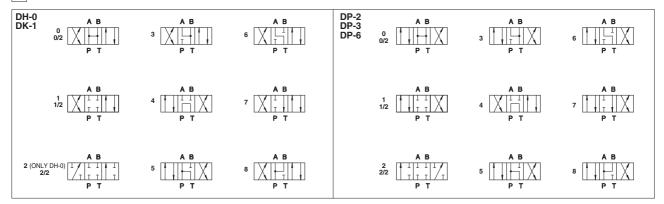
Assembly position / location	Any position except for valves type DH-050, DK-150, DP-*50 (without springs) that must be installed with their longitudinal axis horizontal.
Subplate surface finishing	Roughness index $\sqrt{0.4}$, flatness ratio 0,01/100 (ISO 1101)
Ambient temperature	-20°C to + 70°C
Fluid	Hydraulic oil as per DIN 51524535, for other fluids see section 1
Recommended viscosity	15 ÷ 100 mm²/s at 40°C (ISO VG 15 ÷ 100)
Fluid contamination class	ISO 19/16, achieved with in line filters at 25 μm value and $\ B_{25} \geq 75$ (recommended)
Fluid temperature	-20°C +60°C (standard and /WG seals) -20°C +80°C (/PE seals)

4 VALVE CONFIGURATION



Where the symbol doesn't show the hydraulic connection (*), it depends by the central configuration of the spool, see table 5.

5 SPOOLS - for intermediate passages, see tab. E001



NOTES

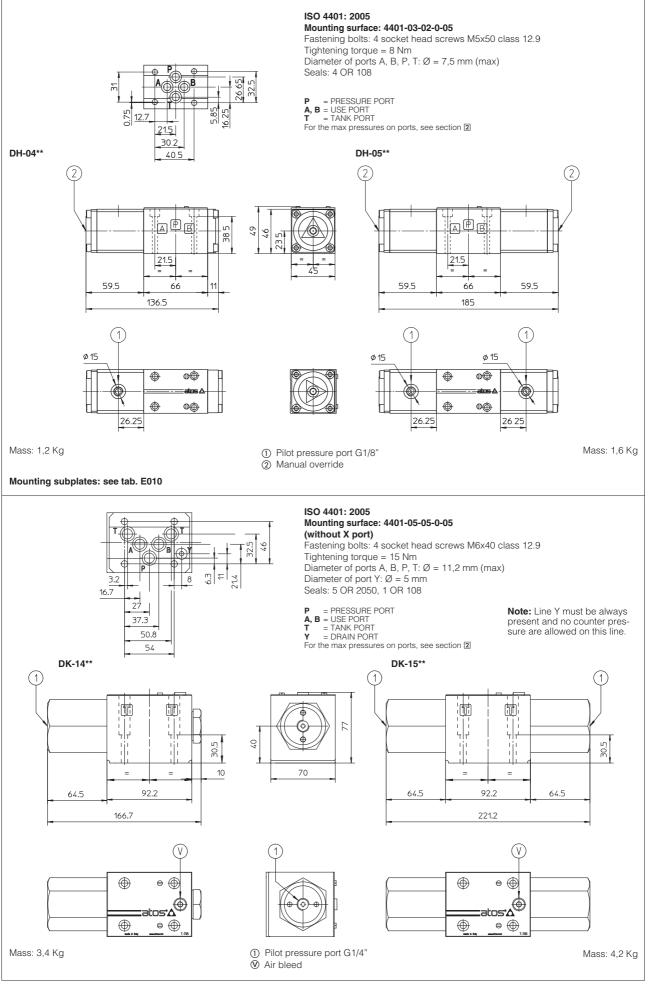
Spools type 0 and 3 are also available as 0/1 and 3/1, where in centre position oil passage from ports to tank are restricted;
Spools type 1,4 and 5 are also available as 1/1, 4/8 and 5/1 (not available for DP-6). They are properly shaped to reduce water-hammer shocks during the switching;

- Spool type 1, 3, 8 and 1/2 for DH-0 and DK-1 are available as 1P, 3P, 8P (only for DH-0), and 1/2P to limit valve leakage.

- On request, other type of spools are available.

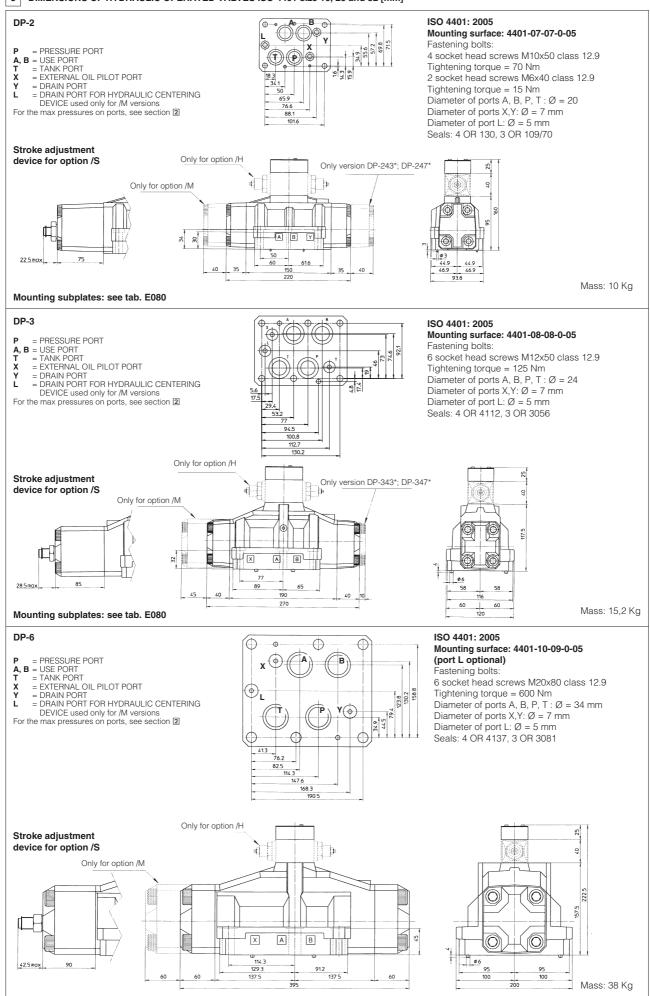
6 Q/Ap DIAGRAMS

DH-0	See note and diagrams on table E010 relating the DHO valve from which DH-0* are derivated
DK-1	See note and diagrams on table E025 relating the DKE, DKER valve from which DK-1* are derivated
DP-2	See note and diagrams on table E080 relating the DPHO-2 valve from which DP-2* are derivated
DP-3	See note and diagrams on table E080 relating the DPHO-3 valve from which DP-3* are derivated
DP-6	See note and diagrams on table E080 relating the DPHO-6 valve from which DP-6* are derivated



Mounting subplates: see tab. E025 (only version /Y)





Mounting subplates: see tab. K280

When valves are fitted with /M option, mounting sublates /DR are to be used. 08/07