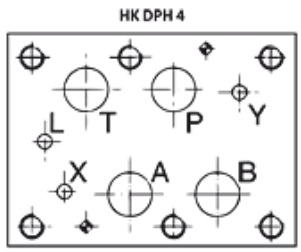
# HK DPH 4

Directional control valve NG25

## Properties

| | |
|---|---|
| **Design** | 4/3-way valve (without pilot valve) pilot-controlled |
| **Operating pressure** | P, A, B: max. 350bar / T: max. 210bar |
| **Volumetric flow** | max. 650 l/min (note characteristic curves) |
| **Connection** | ISO/Cetop 08 NG25 |
| **Mounting** | 6 No. hex. socket head screw M12x50 12.9 |






## Description

These valves are actuated by a leak oil-reduced, solenoid-operated directional control valve size 6 set up as a pilot valve (type HK DHE *P*).
Control is internal, but conversion to external is possible.
The minimum control pressure for correct functioning is 8 bar.
With the version with the control pressure generator, an additional pressure drop occurs, which ensures the minimum required control pressure for correct functioning. The version with the control pressure generator must be used if the pressure drop in the valve is below the minimum control pressure.

## Ordering information

Further circuits and versions, volumetric flows and switching power limits on request

## Item

| Identification | Type | Overlap | Piston type | | Design | Weight (kg) |
|---|---|---|---|---|---|---|
| **HK DPH 4 710 DR SPIL** | 4/3 | negative (open) | 0 | [PB/AT]-[ABPT]-[PA/BT] | Spring return, control pressure generator | 12,2 |
| **HK DPH 4 711 D SPIL** | 4/3 | positive (closed) | 1 | [PB/AT]-[A/B/P/T]-[PA/BT] | Spring return | 12,2 |
| **HK DPH 4 713 D SPIL** | 4/3 | positive (closed) | 3 | [PB/AT]-[ABT/P]-[PA/BT] | Spring return | 12,2 |
| **HK DPH 4 714 DR SPIL** | 4/3 | negative (open) | 4 | [PA/BT]-[A/B/PT]-[PB/AT] | Spring return, control pressure generator | 12,2 |

Piston type example: [A/B/PT] = [A blocked / B blocked / P+T connected]

## Accessories

| | |
|---|---|
| **HK DHE X 00 DC** | Solenoid-operated directional control valve size 6 without coil |
| **HK DHE X 00 AC** | Solenoid-operated directional control valve size 6 without coil |
| **HK M HK DPH 4** | Set of bolts for NG25 valves type HK DPH 4 |

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