

## HYDRAULIC DIRECTIONAL CONTROL VALVES

### Description



### Specifications

1. Valve monoblock	
2. Mounting	2bolts M8
3. Pressure connections	internal thread
4. Ambient temperature	-40C...+60C
5. Pressure medium	mineral oil based hydraulic oil
6. Viscosity	12...800mm <sup>2</sup> /s permissible range 20...100mm <sup>2</sup> /s recommended range
7. Fluid temperature	-15C...+80C
8. Filtration	Oil contamination 10 to NAS 1638
9. Max. operating pressure	P = 250 bar T = 50 bar A, B = 300 bar
10. Internal (46mm <sup>2</sup> /s) Leakage (A, B-T)	5 cc/min
Nominal flow	40l/min (see "operating" diagram)
11. Spool stroke	±6 mm
12. Actuating force	< 200N in spool axis direction

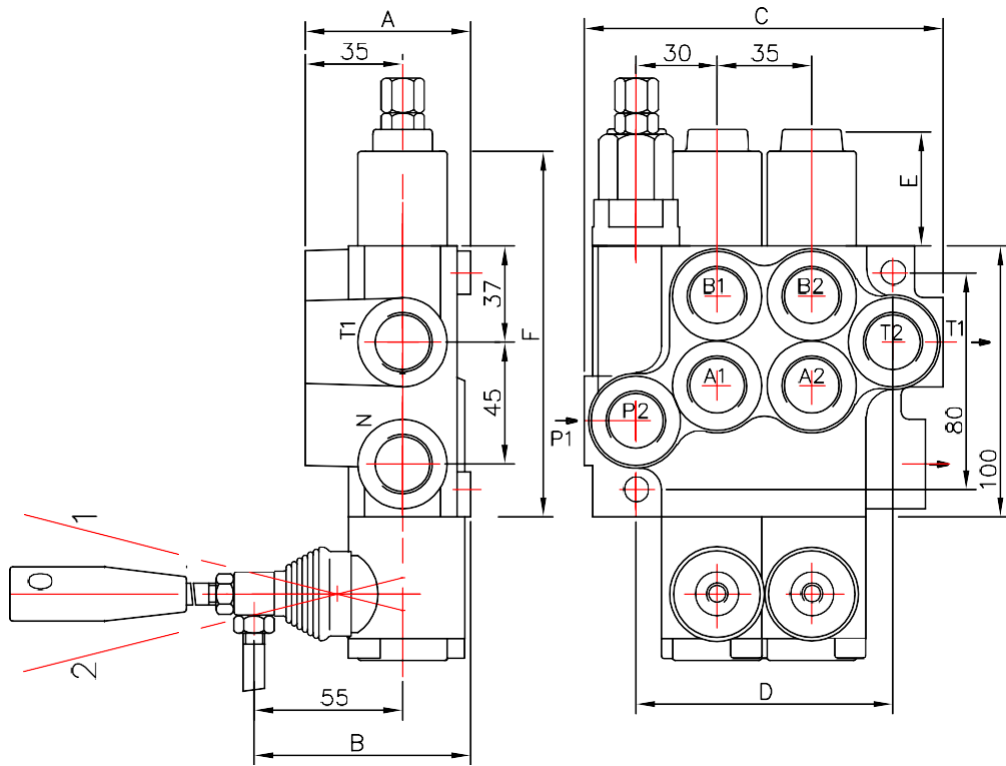


Table 1

	A	B	C	D	P1	P2	T1	T2
P40	60	80	85	60	+	-	+	-
02P40	60	80	129	97	+	+	+	+
03P40	60	80	164	132	+	+	+	+
04P40	60	80	199	167	+	+	+	+
05P40	60	80	234	202	+	+	+	+
06P40	60	80	269	237	+	+	+	+
07P40	60	80	304	272	+	+	+	+
2P40	60	80	129	97	+	+	+	+
3P40	60	80	164	132	+	+	+	+
4P40	60	80	199	167	+	+	+	+