

# Z50 MONOBLOCK VALVES - SOLENOID CONTROL



## Technical parameters:

Nominal flow
Max operating pressure, P=250; T=10 bar
Leakage (A,B>T)
Hydraulic liquid
Viscosity
Fluid temperature
Ambient temperature
Spool stroke
Actuating force

50 l/min
A , B = 300 bar
15 cm3/min at 120 bar
Mineral base oil
12...800 mm2/s
-20C to 80C
-40C...+60C
6 mm
<220 N

DESCRIPTION: The monoblock directional control valves-solenoid operated, offer perfect choice whether you are designing a new system or just simply trying to get more out of your current system. With two special spools and 7 different monoblock housings these valves can meet the specific needs of your application and hydraulic schemes by their double acting in 3 positions A and D spools.

CONSTRUCTION: Precise bore honing and spool grinding results in less cross-port leakage and less wasted energy. These precise valves also allow for interchangeable spools for easy on place maintenance.

MOUNTING: The mounting is the same as standard monoblock valves using bolts M8 or complete line of stud kits.





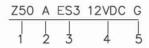


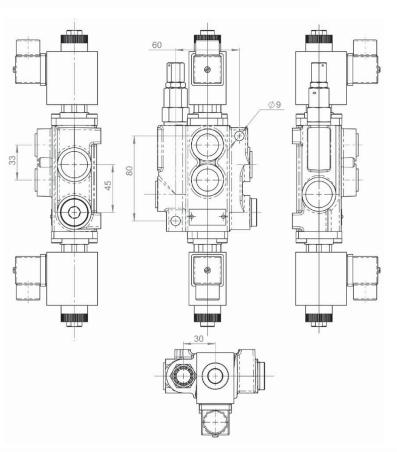


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Solenoid direct control with spring return to neutral position. Needs special spools and special body Z50.

#### ORDERING EXAMPLE





1	В	0	d	у	kit

Type	Description		
Z50	1 spool		
02Z50	2 spool		
03Z50	3 spool		
04Z50	4 spool		
05Z50	5 spool		
06Z50	6 spool		

## 2.Spool options / Spol seçenekleri

Type/Tipi Description / Tanımı

A Double acting, 3 positions with A and B closed in neutral position

D Double acting, 3 positions with A and B open to Tank in neutral position

#### 3.Control kit

Type	Description
Es1	Single acting P-A with spring return in neutral position
Es2	Single acting P-B with spring return in neutral position
ES3	Double acting P-(B) with spring return in neutral position

#### 4.Coils

Type / Tipi Description / Tanımı (with connector ISO 4400)

12VDC Nominal voltage 12VDC

24VDC Nominal voltage 24VDC

5.Threads

G P.T - G1/2; A,B - G3/8

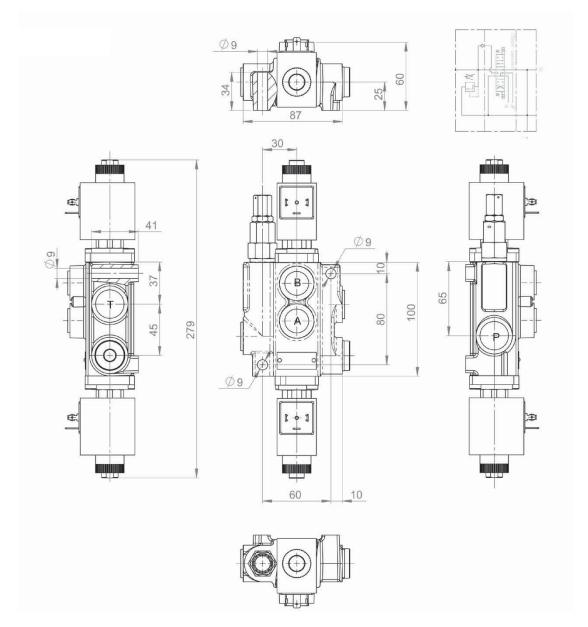








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## Operating features

### Control

Internal leakage A(B)-T (p=100 bar Viscosity 35 cST : max 18 cc/min

Nominal voltage tolerance......±10% 

Imergency manual override





