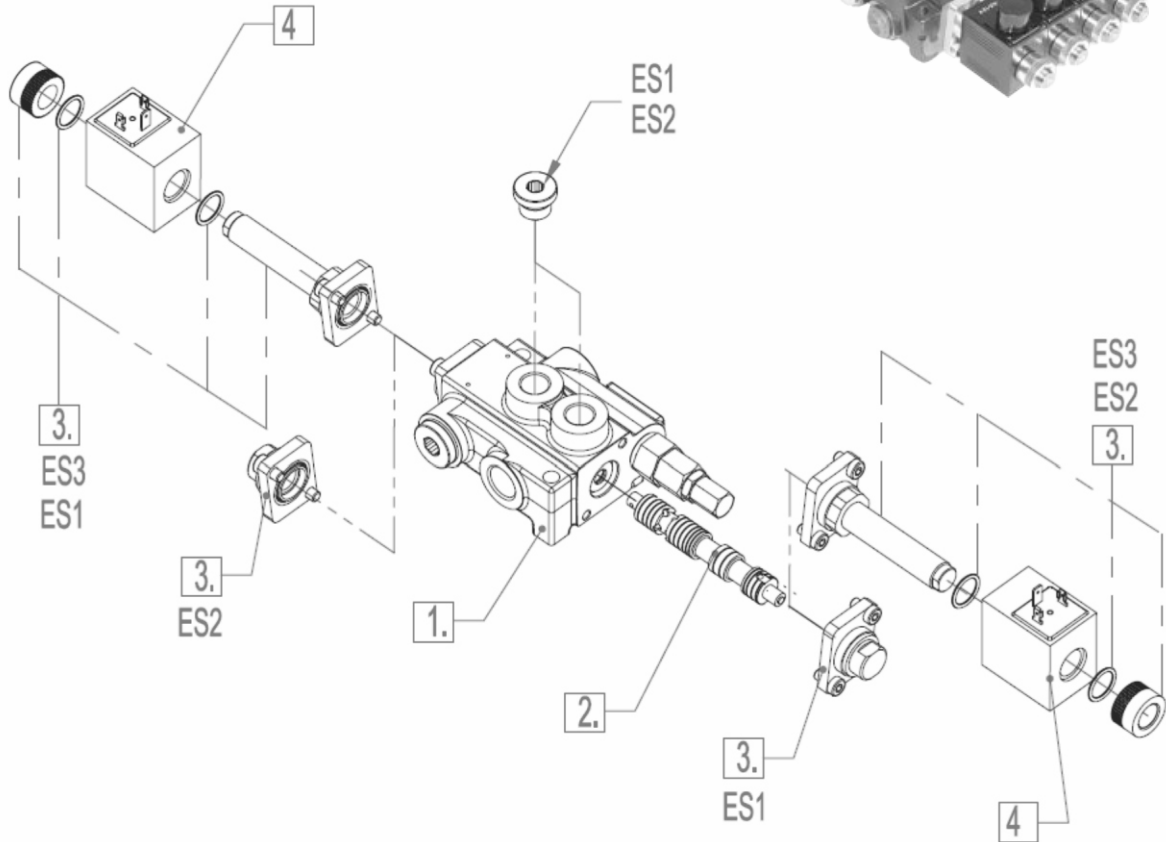


Solenoid direct control with spring return to neutral position.
Normal konumuna yay geri dönüşlü selenoid valf
Needs special spools and special body Z50.
Özel spullar

ES...SOLENOID DIRECT CONTROL
ES...SELENOİDLİ KUMANDA KONTOL

ORDERING EXAMPLE / SİPARİŞ ÖRNEĞİ

Z50 A ES3 12VDC G
1 2 3 4 5



1.Body kit / Gövde kiti

Type / Tipi	Description/Tanım
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 Çift etkili, 3 pozisyonlu with A and B closed in neutral position Ave B nötr pozisyonda kapalıyken
D	Double acting, 3 positions Çift etkili, 3 pozisyonlu with A and B open to Tank in neutral position A ve B nötr pozisyonda Tank'a açılıyor

3.Control kit / Kontrol kiti

Type / tipi	Description / Tanımı
Es1	Single acting P-A with spring return in neutral position Tek etkili P-A nötr pozisyona yay dönüşü
Es2	Single acting P-B with spring return in neutral position Tek etkili P-B nötr pozisyona yay dönüşü
ES3	Double acting P-(B) with spring return in neutral position Tek etkili P-(B) nötr pozisyona yay dönüşü

4.Coils

Type / Tipi	Description / Tanımı
(with connector ISO 4400)	
12VDC	Nominal voltage 12VDC Normal vaoltaj 12VDC
24VDC	Nominal voltage 24VDC Normal vaoltaj 24VDC

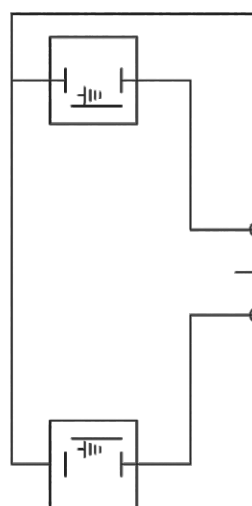
5.Threads

G	P.T - G1/2; A,B - G3/8
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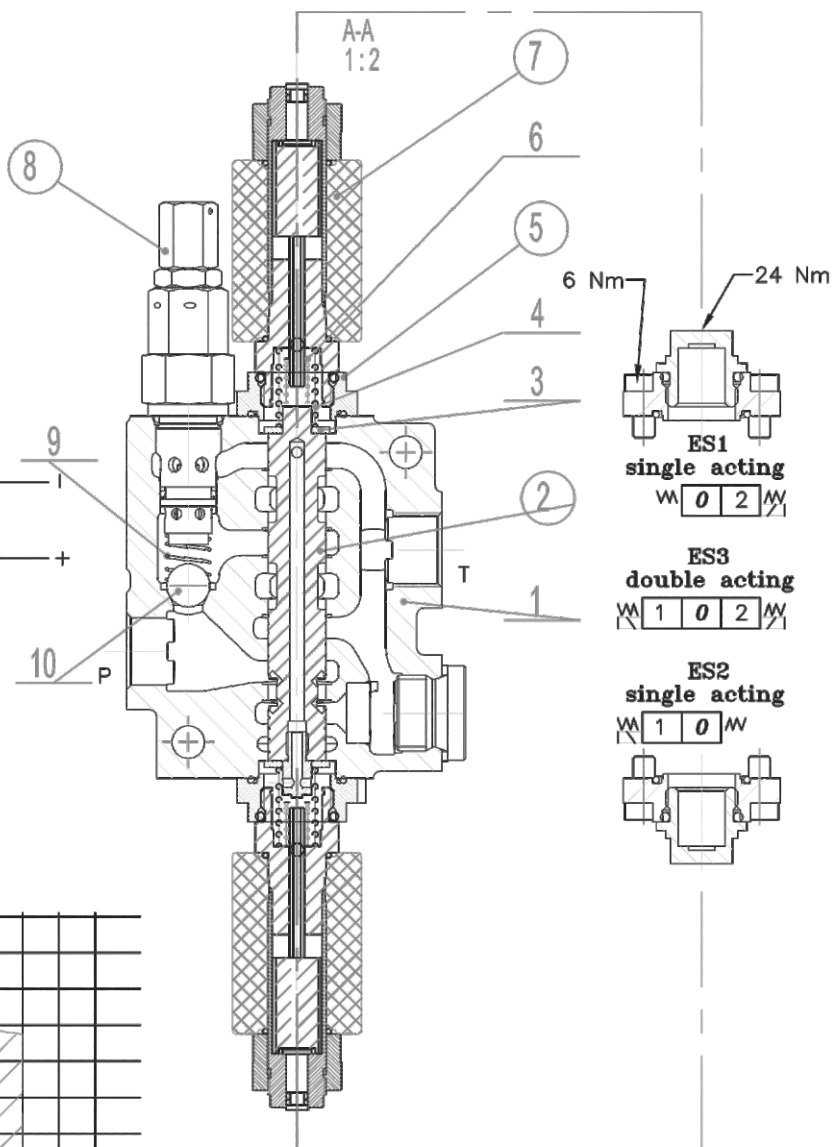
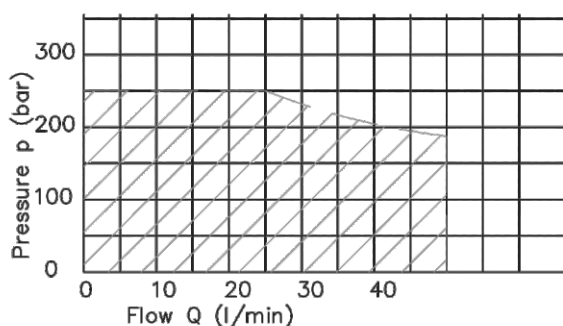
Directional control valve Z50 / Z50 kumanda kolları

ES ... Solenoid direct control
ES ... Selenoid kontrollü kumanda kolu

Electric wiring scheme



Operating diagram



ES1
single acting
W 0 2 W

ES3
double acting
W 1 0 2 W

ES2
single acting
W 1 0 W

Operating features Çalışma Özellikleri

Control

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

Coil

Nominal voltage tolerance.....±10%
power rating.....37 W
Coil insulation.....class H
Duty cycle100%
Connector ISO 4400
Emergency manual override