

**FLOW DIVERTERS**

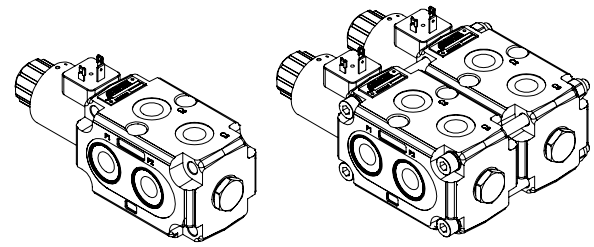
**ESFB-050**

**6 WAYS SINGLE & BANKABLE  
FLOW DIVERTERS**

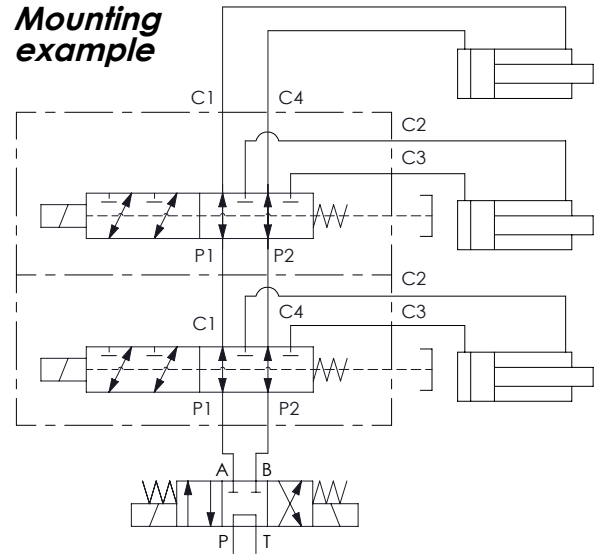


**	Circuit	Transit position
01		
02		
03		

\*Only external drain

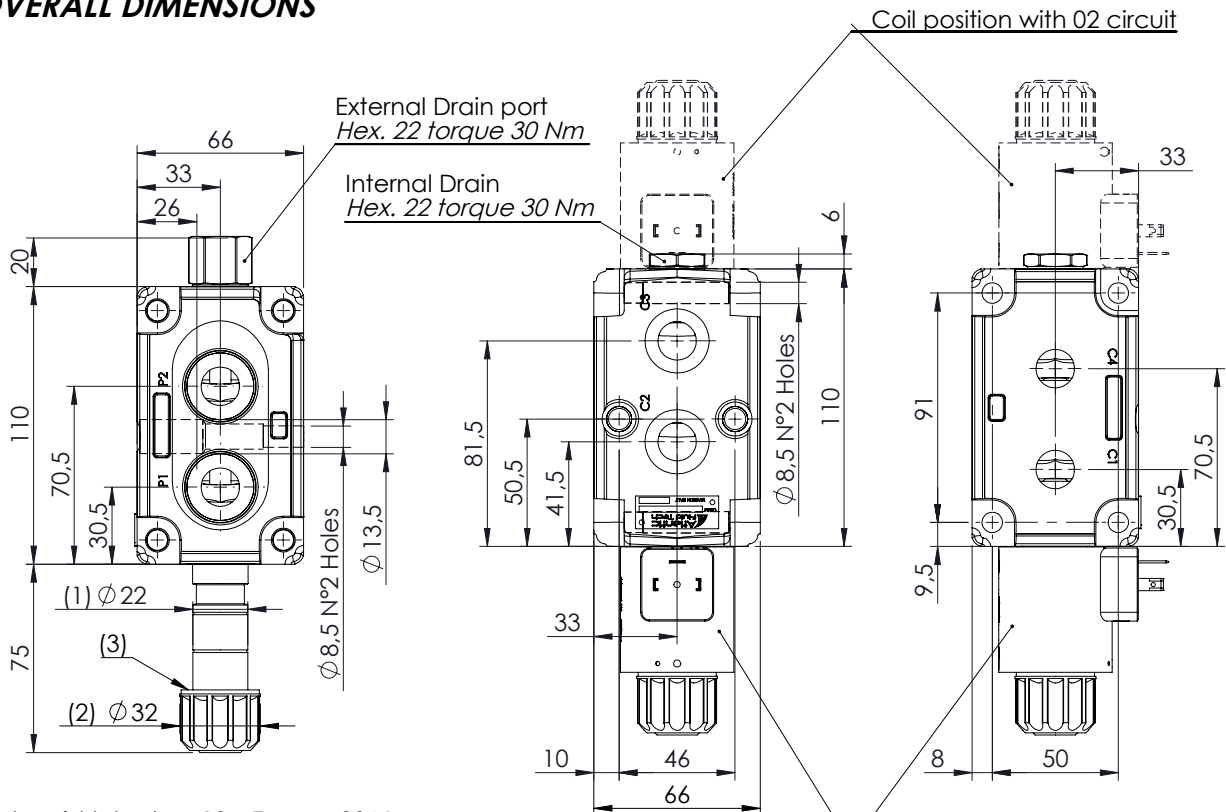


**Mounting example**



Technical data			
Rated flow		l/min	<b>50</b>
Operating pressure	with internal drain "N"	bar	<b>250</b>
	with external drain "E"	bar	<b>350</b>
	on port D	bar	<b>210</b>
Valve weight		Kg	<b>3,8</b>

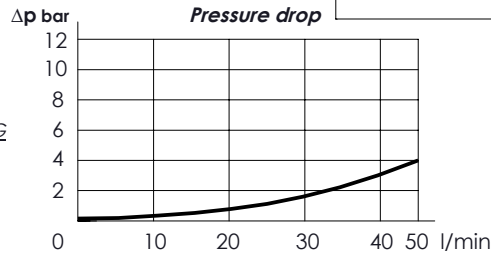
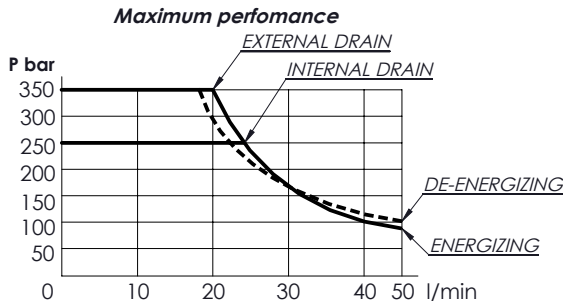
**OVERALL DIMENSIONS**



- (1) Solenoid tube hex.19 - Torque 30 Nm
- (2) Ring nut for coil locking - Torque 5-6 Nm
- (3) O-Ring  $\varnothing$  21,5 x 2

### Characteristic curves

Measured with hydraulic fluid ISO-VG46 at 40° ± 5°C



Internal leakage on C ports :  
MAX 25 cm<sup>3</sup>/min  
Mineral oil with 32 cSt  
viscosity, at 40° C and  
100 bar pressure

* OPERATED	Circuit
<b>E</b> Electric 	
<b>N</b> Hydraulic/pneumatic 	

(4) Hydraulic or pneumatic pilot connector: hex 30 mm - Torque 20-22 Nm  
With external drain Pilot Pressure Min. 5 bar  
With internal drain Pilot Pressure is 1/10 of the working pressure

* MANUAL OVERRIDE	Circuit
<b>S</b> Standard 	
<b>V</b> Screw 	
<b>N</b> Without manual override	

* DRAIN	Circuit
<b>N</b> Internal	
<b>E</b> External	

***	Main (C)	Drain (D)
<b>PORTS</b>		
<b>G38</b>	3/8" Gas	1/4" Gas
<b>J38</b>	3/8" JIS	1/4" JIS
<b>S08</b>	3/4-16 UNF	7/16-20 UNF

Other port sizes available

**N** - Seals in NBR  
**V** - Seals in VITON

**ESFB - 050 - \* \* D \* - \*\* - \*\*\* - \* \*\* \* \*\***

* Voltage (V)	Resistance (Ω) ± 7%	Power (W)	Current (A)
-	Without coil		
<b>A</b> 12 DC	4,41	32,7	2,72
<b>B</b> 24 DC	18,6	31	1,29

Other voltages available on request

* COIL	Type	Protection class
-	Without coil	
<b>HR</b>	DIN 43650 - ISO 4400 Class H	M12 IP65
<b>AJ</b>	AMP JUNIOR Class H	M12 IP65
<b>DT</b>	DEUTSCH DT04-2P-L Class H	M12 IP69

### TYPE OF MOUNTING

* Port number	Screw Tie rods	Installation torque
-	-	-
<b>08</b>	M8x125	15-17 Nm
<b>10</b>	M8x190	15-17 Nm
<b>12</b>	M8x255	15-17 Nm
<b>14</b>	M8x320	15-17 Nm

