

6 to 14/2 ways/positions bankable flow diverters flangeable

RE 18302-09/12.09

1/10

L732.... (VS241F-VS245F-VS246F-VS247F)

Size 6

Series 00

Maximum operating pressure 310 bar [4500 psi]

Maximum flow 50 l/min [13.2 gpm]

Ports G 3/8 - SAE8 - M18x1,5



DVI0087

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- 6 way 2 position valve.
- Directional spool valve with direct solenoid control.
- Upon request, hydraulic / pneumatic pilot , or manual push and twist control.
- Usable as stand-alone, or as multiple stackable units.
- Control spool operated by screwed-in solenoid, with easily extractable coil fastened by a ring nut.
- Wet pin tube for DC coil, with push rod for mechanical override in case of voltage shortage.
- Unrestricted 360° orientation of DC coil.
- Control spool held in normal position by return spring.
- Optional manual override (push-button or screw type).
- Connectors available: DIN 43650 – ISO 4400, AMP Junior, DT04-2P (Deutsch), Free leads.

General specifications

Family
Compact directional
valve

Ports	
G 3/8 DIN 3852	= 3
3/4" - 16 UNF (SAE8)	= C
M18x1.5 UNI-ISO 6149-1	= Y
M18x1.5 DIN 3852	= Z

Control type	
Solenoid (coil C48) without emerg.	= 11
Solenoid (coil C48) with push-button type emergency	= 1P
Solenoid (coil C48) with screw type emergency	= 1F
Hydraulic/pneumatic pilot	= P1
Manual push and twist control	= H1

Spool variants
6 way / 2 position P1 side = 6

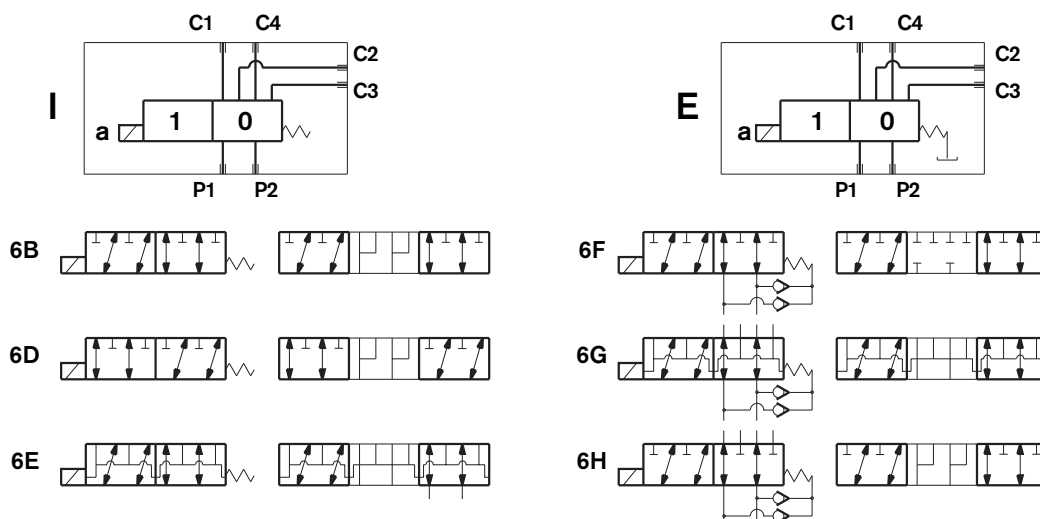
Drain type	
Internal drain	= I
External drain	= E

0 =	Single diverter
2 =	2 Pre-assembled diverters
3 =	3 Pre-assembled diverters
4 =	4 Pre-assembled diverters
5 =	5 Pre-assembled diverters

00 =	Without coil
01 =	With coil, without connector
02 =	With coil and with non-assembled connector, type DIN 43650 – ISO 4400
03 =	With coil having AMP Junior connector
07 =	With coil having DEUTSCH DT 04-2P connect.
31 =	With coil and bipolar sheathed lead 350mm [13.8"] long

SG =						Manual push and twist control
00 =						Without coil
OB =						12V DC
AD =						13V DC
OC =						24V DC
AC =						27V DC
OD =						48V DC
	31	07	03	02	01	00
	Available connections					

Spool variants



Principles of operation, cross section

A valve basically consists of a housing (1), a control spool (2), a return spring (3) and a solenoid (5). It is designed to connect two inlet lines P1 – P2 (normally a set of hoses) and divert them to either the outlet ports (C1 – C4) with spool in position "0", when the solenoid is de-energized, or to the outlet ports (C2 – C3) with spool in position "1", when the solenoid is energized.

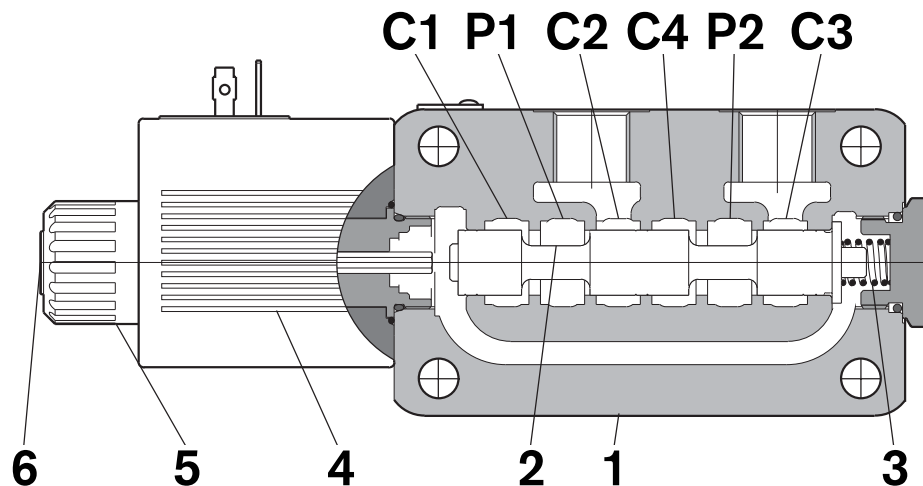
With the coil de-energized, the return spring (3) pushes back the spool (2) and holds it in position "0"

The coil (5) is fastened to the tube by the ring nut (6).

The manual override (6) allows to shift the spool (2) also in case of voltage shortage.

An external drain, to be connected to tank, ensures shifting operations also at higher working pressure.

Hydraulic / pneumatic pilot control, or manual push and twist control for spool shifting are available upon request.



Technical Data (for applications with different specifications consult us)

General

Valve weight	kg [lbs]	3.2 [7.06]
Mounting position		unrestricted
Ambient Temperature	°C [°F]	-20....+50 [-4....+122] (NBR seals)

Hydraulic

Maximum pressure with external drain	bar [psi]	310 [4500]
Maximum pressure with internal drain	bar [psi]	250 [3625]
Maximum pressure with internal drain and 6F or 6G or 6H scheme	bar [psi]	310 [4500]
Maximum inlet flow	l/min [gpm]	50 [13.2]
Hydraulic fluid		Mineral oil based hydraulic fluids HL (DIN 51524 part 1). Mineral oil based hydraulic fluids HLP (DIN 51524 part 2). For use of environmentally acceptable fluids (vegetable or polyglycol base) please consult us.
Fluid Temperature	°C [°F]	-20....+80 [-4....+176] (NBR seals)
Permissible degree of fluid contamination		ISO 4572: $\beta_{x \geq 75} X=12...15$ ISO 4406: classe 20/18/15 NAS 1638: classe 9
Viscosity range	mm ² /s	5....420
Internal leakage with 100 bar [1450 psi] secondary pressure at C	cc/min [in ³ /min]	min.10 [0.61] max. 25 [1.52]

Electrical

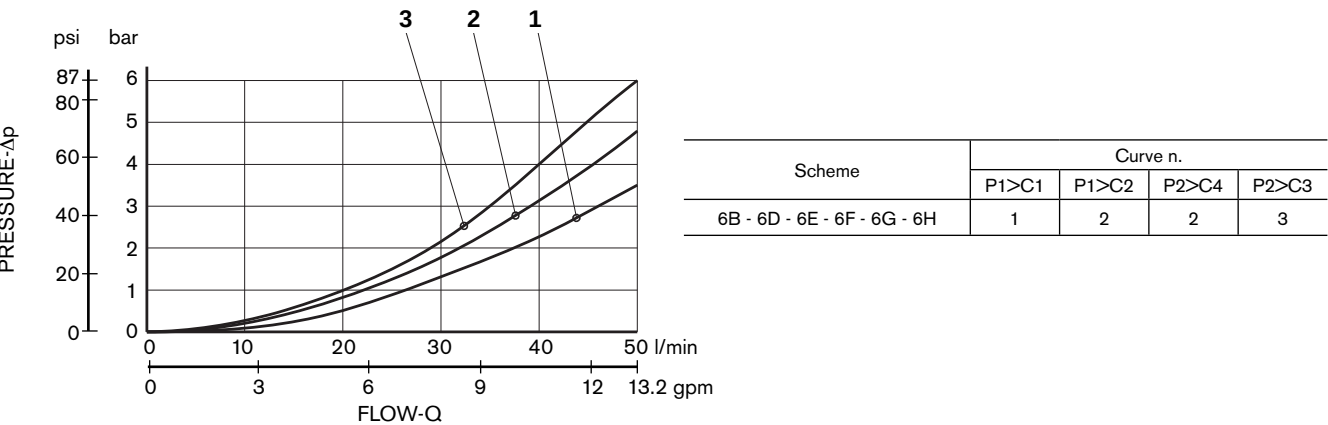
Voltage type		DC								
Voltage tolerance (nominal voltage)	%	-10 +10								
Duty	%	Continuous, with ambient temperature ≤ 50°C <i>[122°F]</i>								
Maximum coil temperature	°C <i>[°F]</i>	150 <i>[302]</i>								
Insulation class		H								
Compliance with		Low Voltage Directive LVD 73/23/EC (2006/95/EC), 2004/108/EC								
Coil weight with DIN 43650 – ISO 4400 connector	kg <i>[lbs]</i>	0.5 <i>[1.1]</i>								
Voltage	V	12	13	24	27	48				
Voltage type		DC	DC	DC	DC	DC				
Power consumption	W	36	36	36	36	36				
Current ⁽¹⁾	A	3.0	2.77	1.53	1.32	0.75				
Resistance ⁽²⁾	Ω	3.97	4.68	15.67	20.42	63.60				

¹⁾ Nominal - ²⁾ $\pm 7\%$ at temperature 20°C [68°F]

	Voltage (V)	Connector type	Coil description	Marking	Coil Mat no.
=OB 01 =OB 02	12 DC	EN 175301-803 (Ex. DIN 43650)	C4801 12DC	12 DC	R933000063
=OB 03	12 DC	AMP JUNIOR	C4803 12DC	12 DC	R933000065
=OB 07	12 DC	DEUTSCH DT 04-2P	C4807 12DC	12 DC	R933000068
=OB 31	12 DC	Cable 350 mm long	C4831 12DC	12 DC	R933000064
=AD 01 =AD 02	13 DC	EN 175301-803 (Ex. DIN 43650)	C4801 13DC	13 DC	R933000069
=AD 07	13 DC	DEUTSCH DT 04-2P	C4807 13DC	13 DC	R933000073
=OC 01 =OC 02	24 DC	EN 175301-803 (Ex. DIN 43650)	C4801 24DC	24 DC	R933000076
=OC 03	24 DC	AMP JUNIOR	C4803 24DC	24 DC	R933000071
=OC 07	24 DC	DEUTSCH DT 04-2P	C4807 24DC	24 DC	R933000075
=OC 31	24 DC	Cable 350 mm long	C4831 24DC	24 DC	R933000070
=AC 01 =AC 02	27 DC	EN 175301-803 (Ex. DIN 43650)	C4801 27DC	27 DC	R933000077
=AC 07	27 DC	DEUTSCH DT 04-2P	C4807 27DC	27 DC	R933000074
=OD 01	48 DC	DIN EN 175301-803 ISO 4400	C4801 48DC	48 DC	R933000078

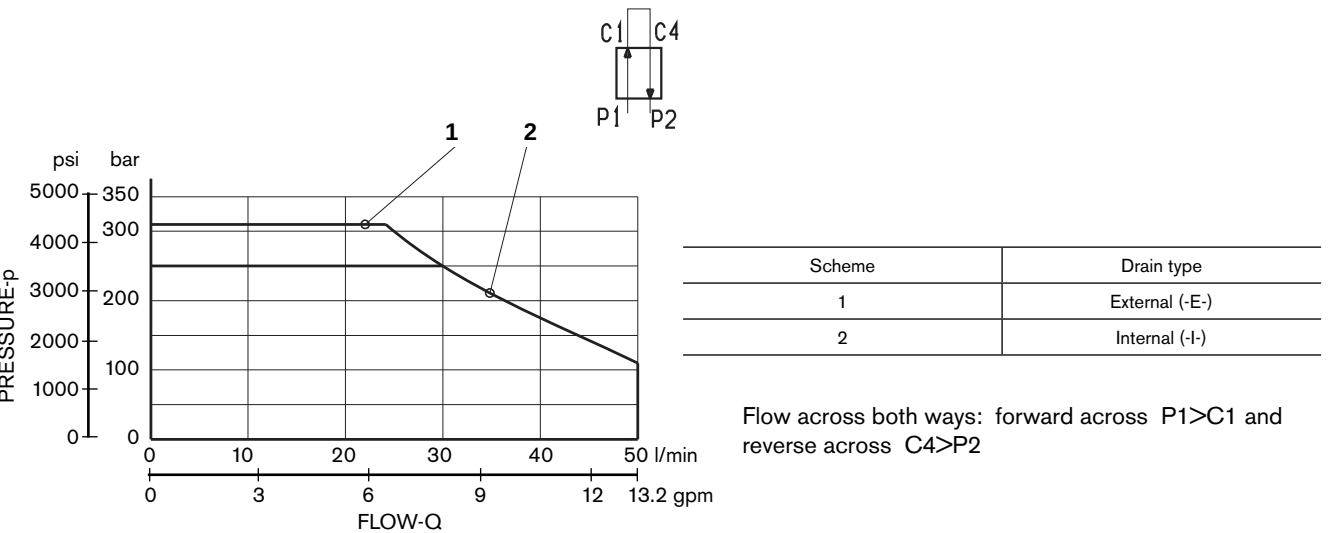
Characteristic curves

Measured with hydraulic fluid ISO-VG32 at 45° ± 5° C [113° ± 9° F]; ambient temperature 20° C [68° F].

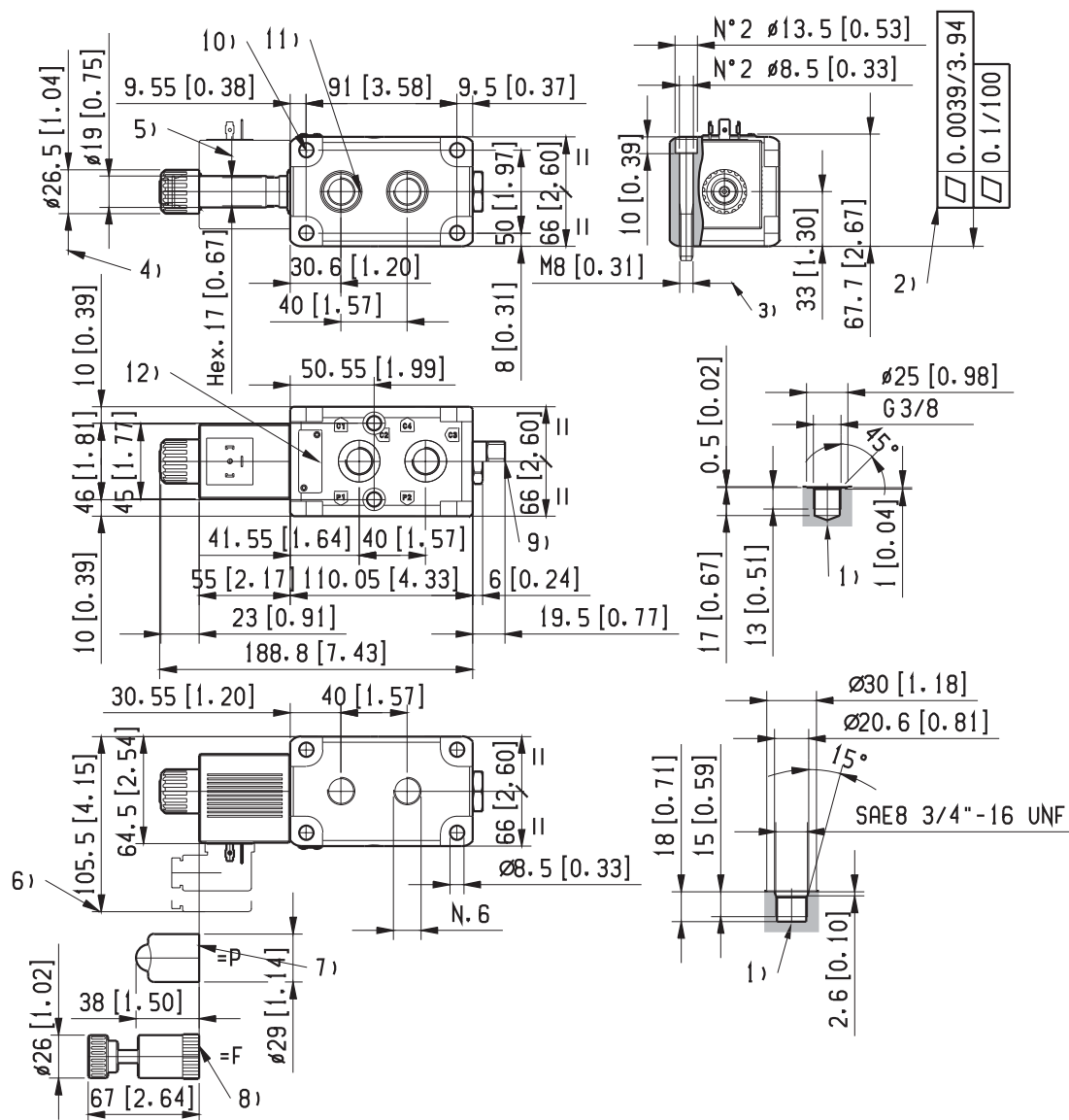


Performances limits

The performance limits refer to the following conditions: coils at operating temperature, voltage supply 10% below nominal, no back pressure in the tank line.

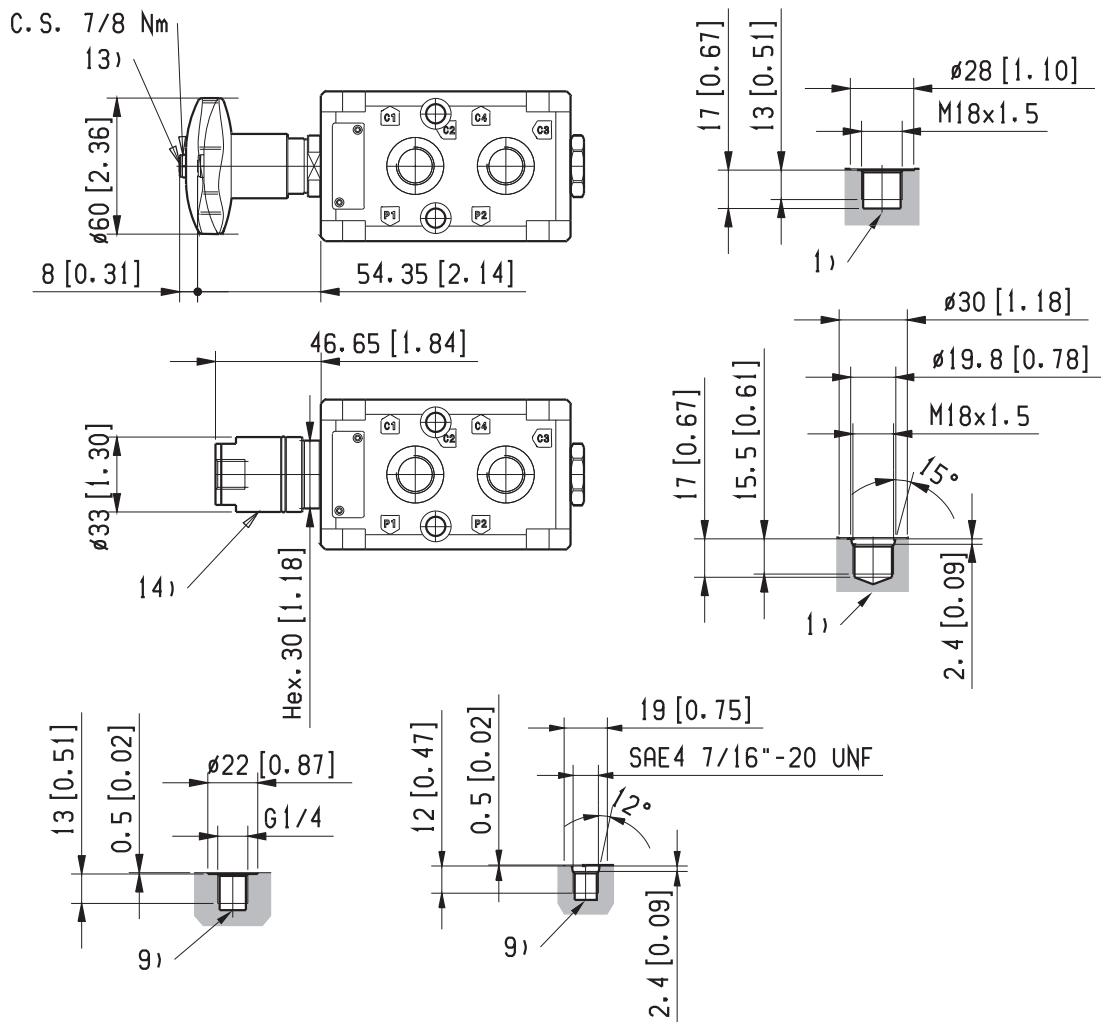


External Dimensions and Fittings



- | | |
|---|---|
| <p>1 Ports P1, P2, C1, C2, C3, C4.</p> <p>2 The mounting surface flatness must comply with specifications.</p> <p>3 Two fixation screws M8x65 with strength class DIN 8.8.
Torque 15 – 16 Nm <i>[11,1-11,8 ft-lb]</i>.</p> <p>4 Ring nut for coil locking OD 26.5 mm [1.04 in].
Torque 5-6 Nm <i>[3.6-4.4 ft-lb]</i>.</p> <p>5 Solenoid tube hex 17 mm.
Torque 22-24 Nm <i>[16.2 – 17.7 ft-lb]</i>.</p> <p>6 Minimum clearance needed for connector removal.</p> <p>7 Optional push-button, P type, emergency for spool opening:</p> | <p>it is pressure stuck to the ring nut for coil locking.
Mat no. R933000043</p> <p>8 Optional screw type emergency, F type, for spool opening:
it is screwed (torque 6-7Nm <i>[4.4-5.2 ft-lb]</i>) to the tube as replacement of the coil ring nut. Mat no. R933007215.</p> <p>9 External drain plug available with G 1/4 and SAE 4 port;
Hex.24 torque 22-24 Nm <i>[16.2 – 17.7 ft-lb]</i>.</p> <p>10 Four through holes, 8.5 mm dia., for coupling of other similar diverter valve.</p> <p>11 O-Ring (NBR) for P1 and P2 ports.</p> <p>12 Identification label.</p> |
|---|---|

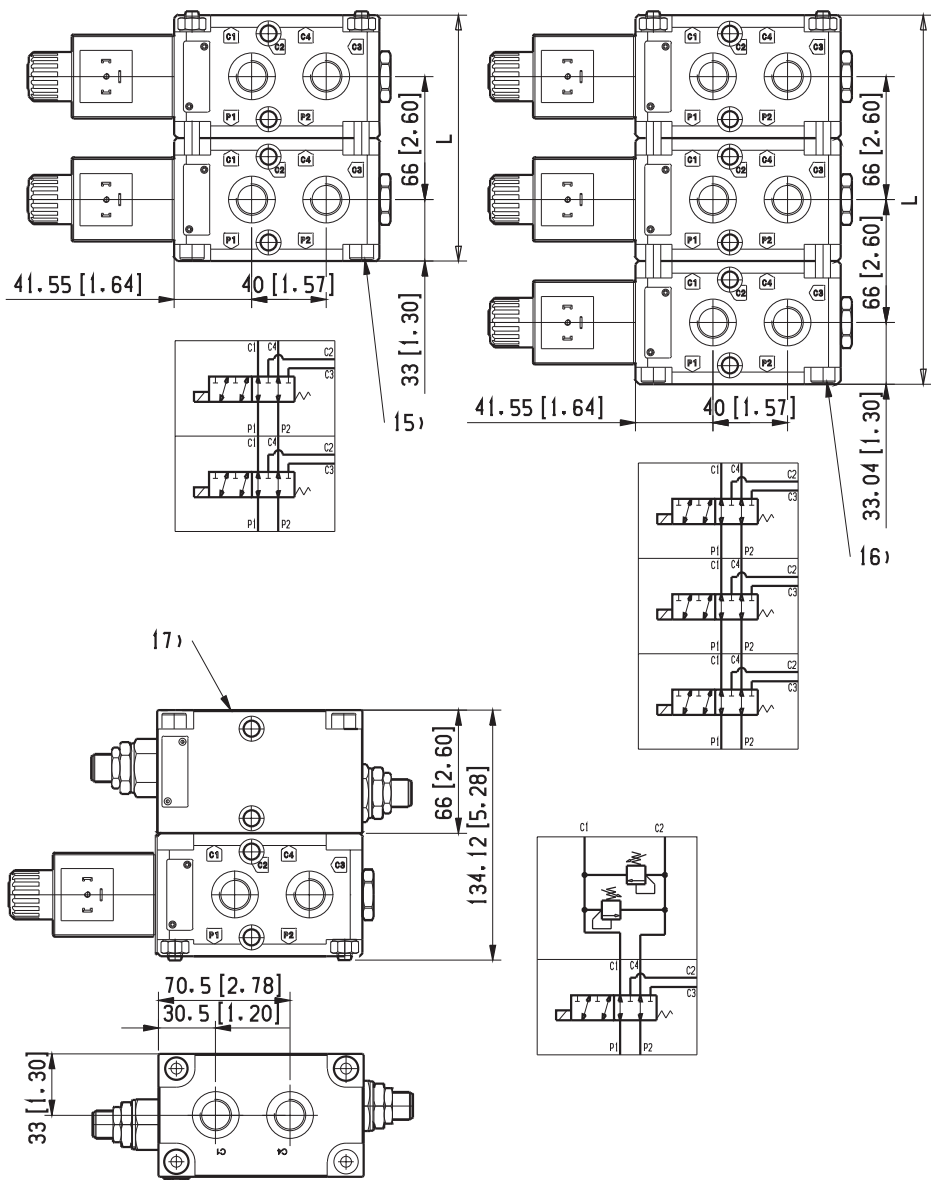
External Dimensions and Fittings



13 Dimensions of optional manual version, push and twist type. Hex 25 mm, torque 22-24 Nm [16.2-17.7 ft-lb].

14 Dimensions of optional hydraulic / pneumatic piloted version. Pilot port plug available with G 1/4: hex 30 mm, torque 25-27 Nm [18.4-19.9 ft-lb].

External Dimensions and Fittings

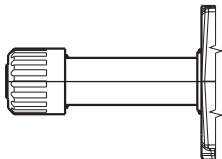
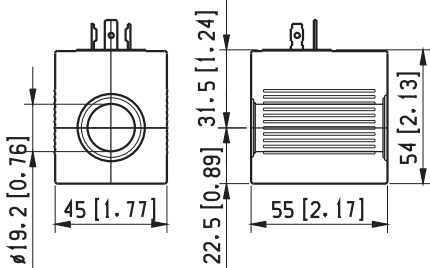
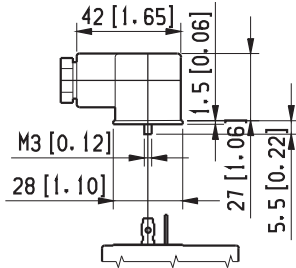
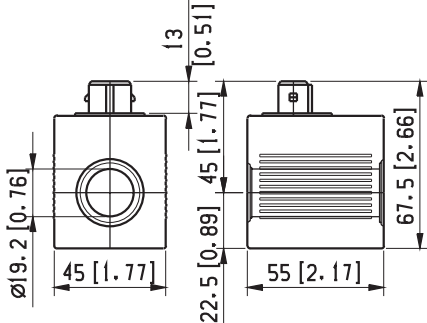
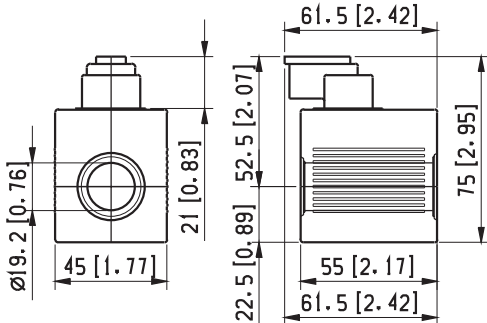
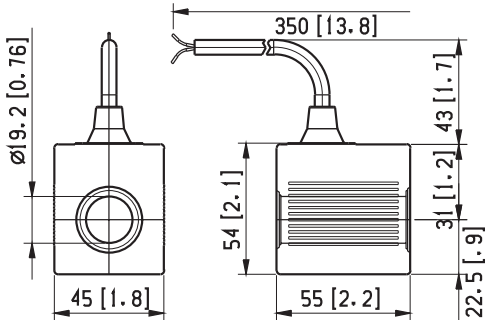


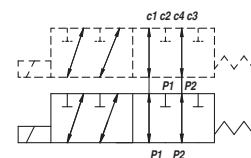
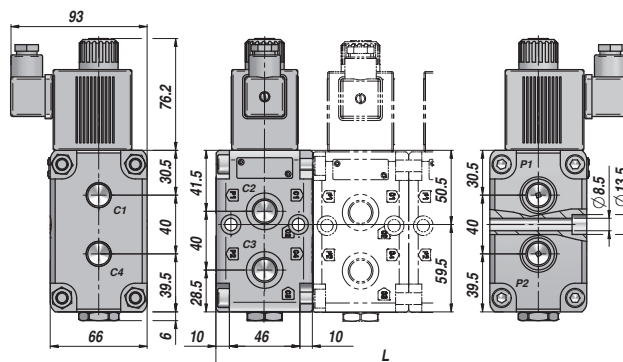
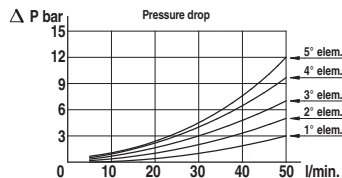
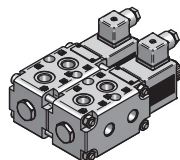
Total stacked units	Total ports	Total length mm	Bolts (v) or Tie Rods (t)	Torque Nm / ft-lb
2	8	132	M8x125 (v)	16-18 / [11.8-13.2]
3	10	198	M8x190 (v)	16-18 / [11.8-13.2]
4	12	264	M8x270 (t)	16-18 / [11.8-13.2]
5	14	330	M8x330 (t)	16-18 / [11.8-13.2]

- 15** Four screws M8x125 DIN 912 for coupling together 2 diverter valves. Suggested bolt strength class DIN 8.8. Torque 16 – 18 Nm [11.8-13.3 ft-lb].
- 16** Four screws M8x190 DIN 912 for coupling together 3 diverter valves. Suggested bolt strength class DIN 8.8.

- Torque 16-18 Nm [11.-13.3 ft lb].
- 17** Modular relief valves (cartridges VMD1040SV): with G 3/8 ports, code L7313610214SV00 with SAE 6 ports, code L731C610214SV00. Max pressure 250 bar [3625psi].

Electric connection

=00	Without coils, but with ring nut and O-Rings for coil fitting (solution recommended for flexible stock handling) 	=01 With coils having plug-in pins EN 175301-803, without connectors 																	
=02	With coils and with connectors non-assembled, type EN 175301-803. Protection class: IP 65 when connector with seal is properly screwed down, and cable clamp is correctly tightened. 182-09: Standard. 182-LED-T-A1: with LED monitoring presence of voltage. 182-09-G-DO-2-1: with VDR (Voltage Dependent Resistor), to prevent input voltage over-shootings. <table><tr><th>Mat. No.</th><th>Description</th></tr><tr><td>R933002885</td><td>182-09 GRAY</td></tr><tr><td>R933002889</td><td>182-09 BLACK</td></tr><tr><td>R933002893</td><td>182-LED-T-A1 12 DC</td></tr><tr><td>R933002894</td><td>182-LED-T-A1 24 DC</td></tr><tr><td>R933002896</td><td>182-LED-T-A1 48 DC</td></tr><tr><td>R933002886</td><td>182-09-G-DO-2-1 12DC with VDR</td></tr><tr><td>R933002887</td><td>182-09-G-DO-2-1 24DC with VDR</td></tr></table>		Mat. No.	Description	R933002885	182-09 GRAY	R933002889	182-09 BLACK	R933002893	182-LED-T-A1 12 DC	R933002894	182-LED-T-A1 24 DC	R933002896	182-LED-T-A1 48 DC	R933002886	182-09-G-DO-2-1 12DC with VDR	R933002887	182-09-G-DO-2-1 24DC with VDR	
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R933002893	182-LED-T-A1 12 DC																		
R933002894	182-LED-T-A1 24 DC																		
R933002896	182-LED-T-A1 48 DC																		
R933002886	182-09-G-DO-2-1 12DC with VDR																		
R933002887	182-09-G-DO-2-1 24DC with VDR																		
=03	With coils having AMP Junior connector, and with bi-directional diode. Protection class: IP 65 with female connector properly fitted (see drawing). 	=07 With coils having DEUTSCH DT 04-2P connector, and with bi-directional diode. Protection class: IP 69 K with female connector properly fitted (see drawing). 																	
=31	With coils having bi-directional diode and bipolar sheathed free lead, 350 mm long, without pins. 																		

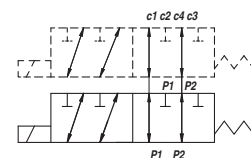
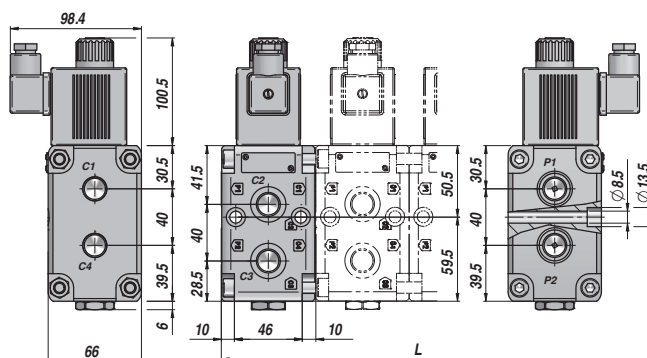
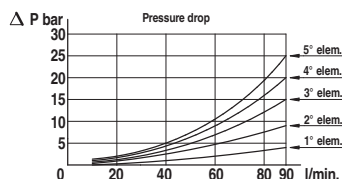
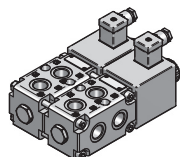
VS 241/F**SELECTEUR DE CIRCUIT ELECTRIQUE (EMPILABLE)
SOLENOID OPERATED DIVERTER VALVE (MODULAR TYPE)****DRAINAGE INTERNE
INTERNAL DRAIN**

Code Code	Code Code	Type Type	N° Elements Elements no.	Voies Ports	P1 - P2 C1 - C4 C2 - C3	Q MAX l/min	P MAX bar	L	kg
12 VDC	24 VDC				BSP				
ELVSF240112DC	ELVSF240124DC	VS241/F1-3/8"DZ-6B-DI-*-DIN-N	1	6	3/8"	50	250	66	3,35
ELVSF240212DC	ELVSF240224DC	VS241/F2-3/8"DZ-6B-DI-*-DIN-N	2	8	3/8"	50	250	132	6,70
ELVSF240312DC	ELVSF240324DC	VS241/F3-3/8"DZ-6B-DI-*-DIN-N	3	10	3/8"	50	250	198	10,05
ELVSF240412DC	ELVSF240424DC	VS241/F4-3/8"DZ-6B-DI-*-DIN-N	4	12	3/8"	50	250	264	13,40

*12DC= V12DC 24DC= V24DC

SUR DEMANDE : DRAINAGE EXTERNE P MAX.: 310 bar

ON REQUEST : EXTERNAL DRAIN P MAX.: 310 bar

VS 281/F**SELECTEUR DE CIRCUIT ELECTRIQUE (EMPILABLE)
SOLENOID OPERATED DIVERTER VALVE (MODULAR TYPE)****DRAINAGE INTERNE
INTERNAL DRAIN**

Code Code	Code Code	Type Type	N° Elements Elements no.	Voies Ports	P1 - P2 C1 - C4 C2 - C3	Q MAX l/min	P MAX bar	L	kg
12 VDC	24 VDC				BSP				
ELVSF280112DC	ELVSF280124DC	VS281/F1-3/8"DZ-6B-DI-*-DIN-N	1	6	1/2"	90	250	66	4,15
ELVSF280212DC	ELVSF280224DC	VS281/F2-3/8"DZ-6B-DI-*-DIN-N	2	8	1/2"	90	250	132	8,30
ELVSF280312DC	ELVSF280324DC	VS281/F3-3/8"DZ-6B-DI-*-DIN-N	3	10	1/2"	90	250	198	12,45
ELVSF280412DC	ELVSF280424DC	VS281/F4-3/8"DZ-6B-DI-*-DIN-N	4	12	1/2"	90	250	264	16,60

*12DC= V12DC 24DC= V24DC

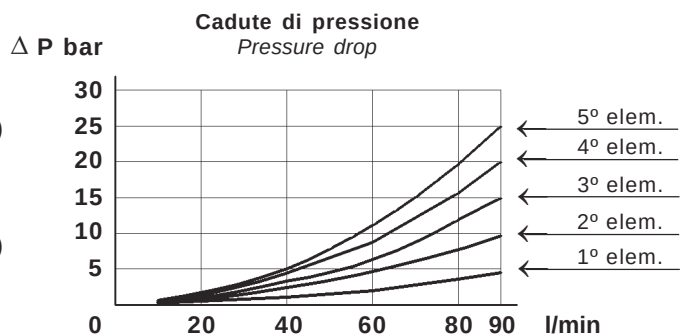
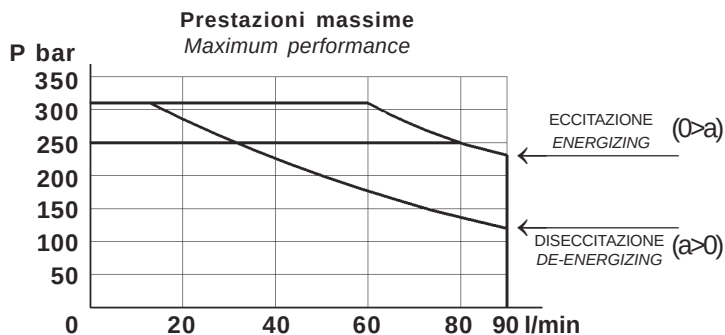
SUR DEMANDE : DRAINAGE EXTERNE P MAX.: 310 bar

ON REQUEST : EXTERNAL DRAIN P MAX.: 310 bar

	Portata max. <i>Max flow</i>	90 l/min	Codice <i>Code</i>	L745UJWVXYZ
	Pressione max. <i>Max pressure</i>	310 bar		
	Attacchi <i>Ports</i>	1/2" G-SAE10 M18x1,5	Modello <i>Model</i>	VS281/5/6F
	Descrizione: Deviatori di flusso a 6 vie componibili <i>Description:</i> 6 ways bankable flow diverters			

SCHEMA			CIRCUIT		
Codice Code	Schema Circuit	* Posizione transitoria * Transit position	Codice Code	Schema Circuit	* Posizione transitoria * Transit position
W			W		
6B			6G		
6D			6H		
6E					

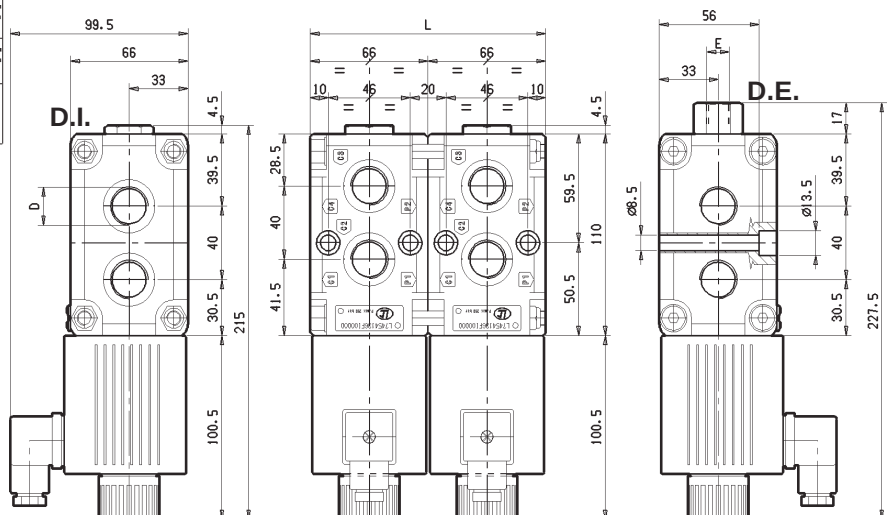
CARATTERISTICHE TECNICHE					TECHNICAL FEATURES					
V	Drenaggio	Schema	Tipi di circuiti - Spool types							Pressione Pressure max bar
	Drain	Circuit	6B	6D	6E	6G	6H			
I	Int. D.I.		250	250	250	310	310			
E	Ext. D.E.		310	310	310	-	-			

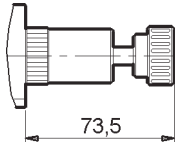
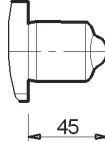
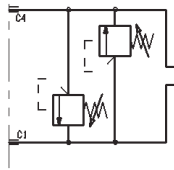
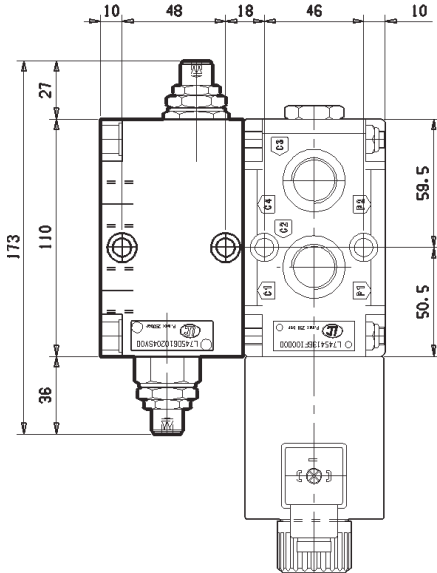
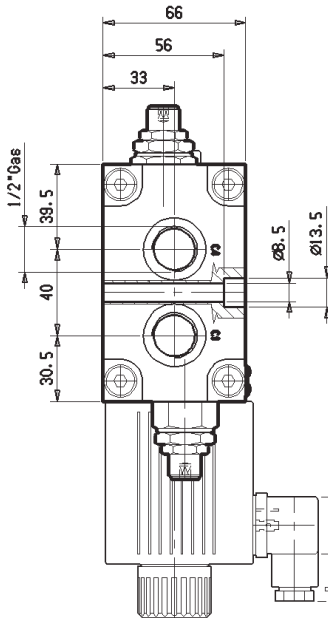
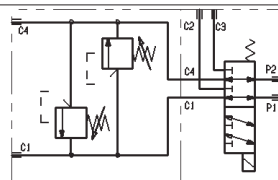
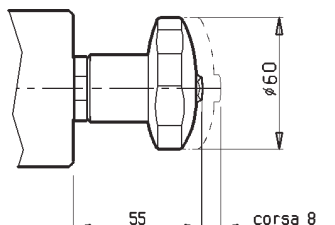
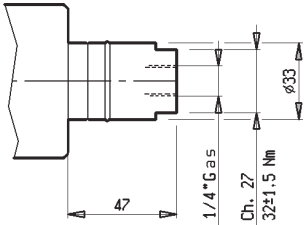


Trafilamenti interni sugli utilizzi C Internal leakage on C ports	MIN cm³/ min 10	MAX cm³/ min 30	Olio minerale, viscosità 32 cSt, 40°C, pressione 100 bar. Mineral oil with 32 cSt viscosity, at 40°C and 100 bar pressure.
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DIMENSIONI DI INGOMBRO OVER-ALL DIMENSIONS

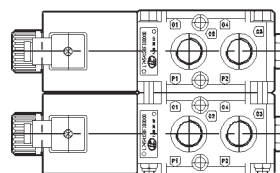
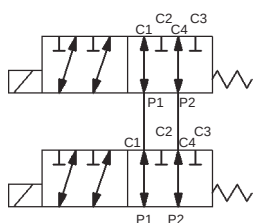
U	Attacchi (D) Ports (D)	Attacchi (E) Ports (E)	Modello Model
4	1/2" Gas	1/4" Gas	VS281F
D	SAE 10	SAE 4	VS285F
Y	M18x1,5	-	VS286F
Pesi Weights		4.15 kg	



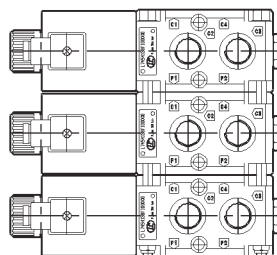
MOMENTI MASSIMI DI SERRAGGIO				MAXIMUM BLOCKING TORQUES			
Cannotto Tube ch. 19mm: 25÷27Nm				Ghiera blocco bobina Retainer nut 7÷8Nm			
Viti di fissaggio Fixing screws DIN 912-8.8 M8x65: 15÷16Nm							
ACCESSORI				OPTIONALS			
J	Comando manuale di emergenza a vite EF Screwed manual override EF Riferimento - Reference: LC2DZEF			J	Comando manuale di emergenza a pulsante EP Push-button manual override EP Riferimento - Reference: 281-0010		
_F				_P			
							
ELEMENTI MODULARI				MODULAR ELEMENTS			
SIMBOLO CIRCUIT		Attacchi (D) Ports (D)	Codice Code	Descrizione Description			
		1/2" Gas	L7404610214SV00	Elemento modulare con valvole limitatrici di pressione incrociate su C1-C4. Modular element with cross pressure limiting valves on C1-C4.			
		SAE10	L740D610214SV00				
							
Pesi Weights	1.40 kg						
P. max bar	Q l/min	Cartuccia Cartridge		ESEMPIO EXAMPLE			
250	70	VMD1.070.SV					
ALTRI COMANDI				OTHER ACTUATORS			
J	X	Comando manuale spingi e gira Push-turn manual actuator Rif. - Ref.: 26-0243000	J	X	Comando oleopneumatico OP Oleopneumatic actuator OP Riferimento - Reference: VS281P	Pressione di pilotaggio Pilot pressure	
H1	SG		P1	00		P. Max 200bar	P. Min 4bar*
							
* Con drenaggio esterno (DE). With external drain (DE). Con drenaggio interno (DI), considerare un rapporto di pilotaggio 6,5:1. Esempio: utilizzi (C1,C2,C3,C4) a 100 bar, pressione minima di pilotaggio 100:6,5 = 15,4 bar. With internal drain (DI), allow for pilot ratio 6,5:1. Example: at 100 bar pressure (C1,C2,C3,C4), will need a minimum pilot pressure of 100:6,5 = 15,4 bar.							

ESEMPIO DI MONTAGGIO

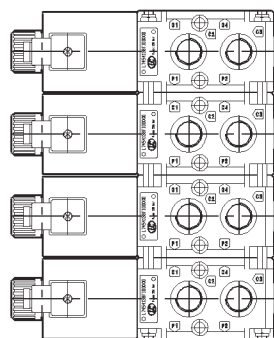
TYPES OF MOUNTING



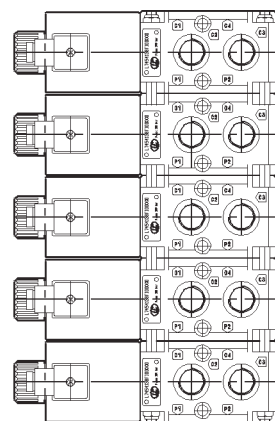
8 vie
8 ways



10 vie
10 ways



12 vie
12 ways



14 vie
14 ways

Modello <i>Model</i>	Numero di vie <i>Port number</i>	L <i>mm</i>	Viti-tiranti <i>Screws - Tie rods</i>	Momento massimo di serraggio <i>Maximum blocking torque</i> Nm
VS 281/5/6F-2	8	132	M8x125 (v)	17 Nm
VS 281/5/6F-3	10	198	M8x190 (v)	17 Nm
VS 281/5/6F-4	12	264	M8x270 (t)	17 Nm
VS 281/5/6F-5	14	330	M8x330 (t)	17 Nm

CODICE DI ORDINAZIONE

ORDERING CODE

L 7 4 5 U J W V X Y Z

U	ATTACCHI PORTS
—	VEDI PAGINA 8.40.08 SEE PAGE 8.40.08
V	DRENAGGIO DRAIN
—	VEDI PAGINA 8.40.08 SEE PAGE 8.40.08
W	CIRCUITO CIRCUIT
— —	VEDI PAGINA 8.40.08 SEE PAGE 8.40.08

J	AZIONAMENTO OPERATED
13	AZIONAMENTO ELETTRICO (DZ) ELECTRICALLY OPERATED (DZ)
1F	AZIONAMENTO ELETTRICO + EF ELECTRICALLY OPERATED + EF
1P	AZIONAMENTO ELETTRICO + EP ELECTRICALLY OPERATED + EP
P1	AZIONAMENTO OLEOPNEUMATICO (OP) OLEOPNEUMATICALLY OPERATED (OP)
H1	AZIONAMENTO MANUALE (MN) MANUALLY OPERATED (MN)

Z	VERSIONE VERSION
0	ELEMENTO SINGOLO SINGLE ELEMENT
2	2 ELEMENTI FLANGIATI 2 FLANGED ELEMENTS
3	3 ELEMENTI FLANGIATI 3 FLANGED ELEMENTS
4	4 ELEMENTI FLANGIATI 4 FLANGED ELEMENTS
5	5 ELEMENTI FLANGIATI 5 FLANGED ELEMENTS

Y	CONNESSIONE CONNECTION
00	SENZA BOBINA, SENZA CONNETTORE WITHOUT COIL AND CONNECTOR
01	CON BOBINA, SENZA CONNETTORE WITH COIL, WITHOUT CONNECTOR
02	CON CONNETTORE DIN 43650 WITH CONNECTOR DIN 43650
03	AMP JUNIOR AMP JUNIOR
07	DT04-2P DEUTSCH DT04-2P DEUTSCH
31	CAVO 350mm CABLE 350 mm
34	CAVO 350mm + DT04-2P DEUTSCH CABLE 350 mm + DT04-2P DEUTSCH

X	TENSIONE VOLTAGE	Connessioni disponibili <i>Available connections</i>					
		00	01	03	07	31	34
00	SENZA BOBINA WITHOUT COIL						
0B	12V DC	X	X	X	X	X	X
AD	13V DC	X	X		X		
OC	24V DC	X	X	X	X	X	X
AC	27V DC	X	X		X		
OD	48V DC	X	X				
OV	24 RAC (21.5 DC)	X	X				
OW	110 RAC (98 DC)	X	X				
OZ	230 RAC (207 DC)	X	X				

BOBINE C65

COILS C65

Peso : 1,050 Kg - Classe di isolamento: H - Intermittenza di funzionamento: ED = 100% solo se la temperatura ambiente non supera i 40°C.

Tensione di alimentazione: non deve superare +5% / -10% del valore nominale.

Tensioni disponibili: vedi tabella. Su richiesta possono essere fornite versioni speciali.

Bassa tensione: conforme alle direttive 73/23/CEE e 89/336/CEE. Connessioni standard: DIN 43650-ISO 4400.

Le versioni con cavi+guaina e quelle con connettore Deutsch e AMP JUNIOR sono tutte dotate di diodo bidirezionale.

Grado di protezione secondo DIN 40050, valido solo nel caso in cui la bobina sia montata correttamente con O-Ring e ghiera di fermo:

- IP65 con connettore DIN 43650, solo se montato con guarnizioni in gomma e vite di fissaggio opportunamente bloccata.

- IP69k per versioni con connettore Deutsch.

Weight: 1,050 kg - Insulation Class: H - Working Duty: ED 100% only if the room temperature does not exceed 40°C.

Inlet voltage: should not exceed +5% / -10% of the nominal value.

Available voltages: Look at table. On request different voltages can be supplied.

Low voltage: conforms to the 73/23/CEE and 89/336/CEE directives. Standard connections: DIN 43650-ISO 4400.

Versions with sheathed cables as well as with Deutsch and AMP JUNIOR connector are equipped with bi-directional diode.

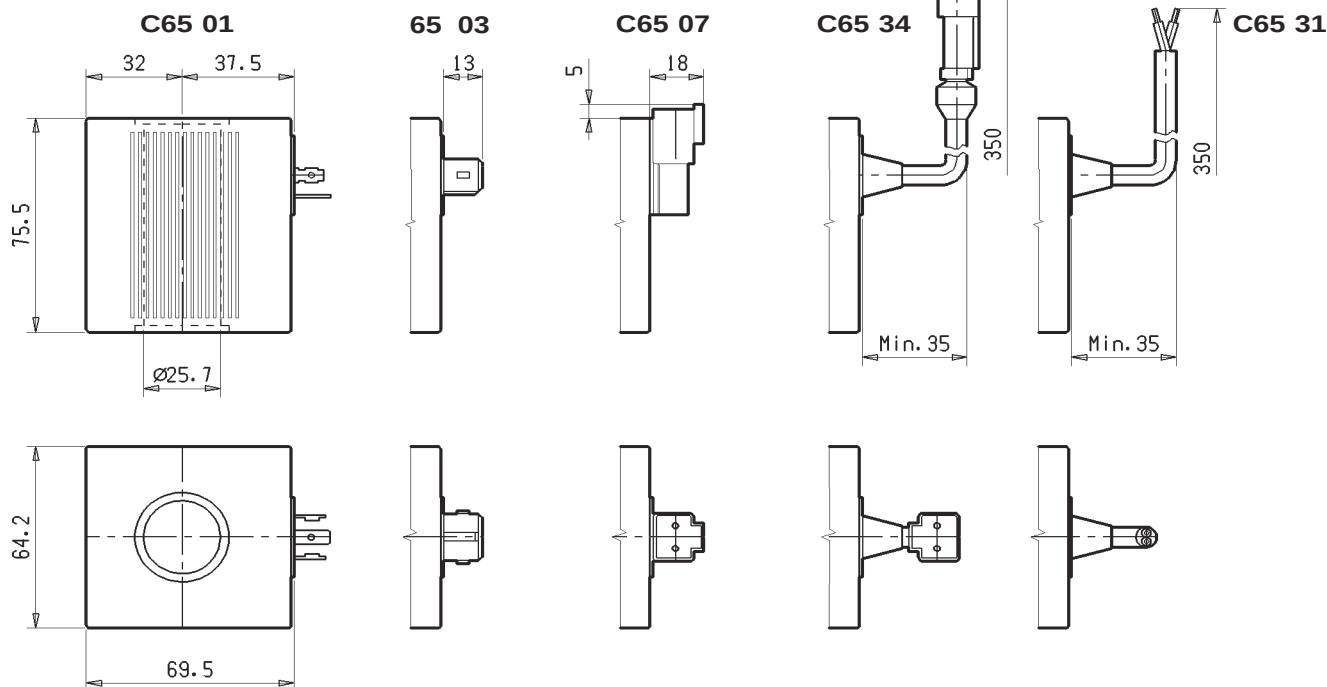
Protection Class according to DIN 40050: only if the coil is assembled correctly with O'ring and retainer:

- IP65 with DIN 43650 connector, only if it is assembled with rubber sealings and the fixing screw is properly tightened.

- IP69k for versions with Deutsch connector.

J

1



Riferimento Reference	Modello Model	Connessione Connection	Tensione nominale Nominal voltage volt	Marcatura Marking	Potenza Power watt	Corrente nominale Nominal current ampere	Resistenza Resistance	
							Ω ± 7%	T=20°C
281-0617	C6501 12DC	DIN 43650 - ISO 4400	12 DC	12 VDC	44	3.60	3.2	
281-06190	C6531 12DC	CABLES	12 DC	12 VDC	44	3.60	3.2	
281-0631	C6503 12DC	AMP JUNIOR	12 DC	12 VDC	44	3.60	3.2	
281-06191	C6534 12DC	CABLE + DEUTSCH	12 DC	12 VDC	44	3.60	3.2	
281-06194	C6507 12DC	DEUTSCH DT04-2P	12 DC	12 VDC	44	3.60	3.2	
281-061700	C6501 13DC	DIN 43650 - ISO 4400	13 DC	13 VDC	44	3.40	3.6	
281-06198	C6507 13DC	DEUTSCH DT04-2P	13 DC	13 VDC	44	3.40	3.9	
281-0618	C6501 24DC	DIN 43650 - ISO 4400	24 DC	24 VDC	44	1.80	12.8	
281-06195	C6531 24DC	CABLES	24 DC	24 VDC	44	1.80	12.8	
281-0632	C6503 24DC	AMP JUNIOR	24 DC	24 VDC	44	1.80	12.8	
281-06196	C6534 24DC	CABLE + DEUTSCH	24 DC	24 VDC	44	1.80	12.8	
281-06197	C6507 24DC	DEUTSCH DT04-2P	24 DC	24 VDC	44	1.80	12.8	
281-061800	C6501 27DC	DIN 43650 - ISO 4400	27 DC	27 VDC	44	1.60	16.9	
281-06199	C6507 27DC	DEUTSCH DT04-2P	27 DC	27 VDC	44	1.60	16.7	
281-0621	C6501 48DC	DIN 43650 - ISO 4400	48 DC	48 VDC	44	0.90	50.5	
281-0622	C6501 24 50 RAC	DIN 43650 - ISO 4400	21.5 DC	21.5 VDC	44	2.00	11	
281-0623	C6501 110 50 RAC	DIN 43650 - ISO 4400	98 DC	98 VDC	44	0.45	98	
281-0624	C6501 230 50 RAC	DIN 43650 - ISO 4400	207 DC	207 VDC	44	0.21	997	