

VS 120 Series

Solenoid Operated Selector Valves

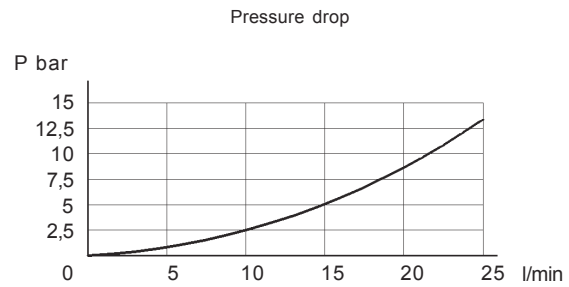
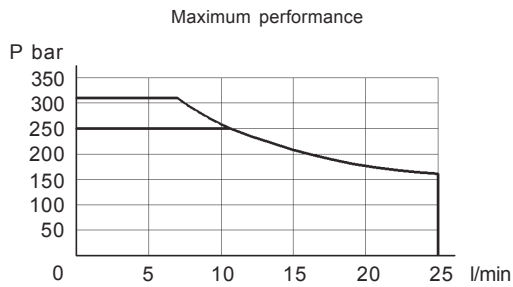


Max flow	25 l/min	Code	L 7 1 0 U J W V * Y Z
Max pressure	310 bar		
Ports	1/4" Gas- SAE4 1/4" G JIS B	Model	
VS120/125/129			

Description: **6 way flow diverters**

CIRCUIT					
Code	Circuit	* Transit position	Code	Circuit	* Transit position
W			W		
6A			7A		
6E			7E		

TECHNICAL FEATURES										
V	Drain	Circuit	Spool types				Pressure max bar			
			6A	6E	7A	7E				
I	Int. D.I.		250	250	250	250				
E	Ext. D.E.		310	310	310	310				



Internal leakage on C ports	MIN	MAX	Mineral oil with 32 cSt viscosity, at 40°C and 100 bar pressure.
	cm ³ / min	cm ³ / min	
	7	15	

OVER-ALL DIMENSIONS

U	Ports (A)	Model
2	1/4" Gas	VS120
A	SAE4	VS 125
J	1/4" G JIS B	VS 129
Weight		1.10 kg

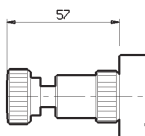
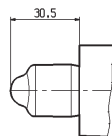
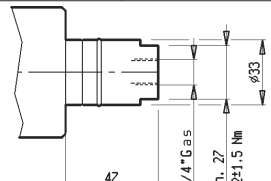
MAXIMUM BLOCKING TORQUES

Tube ch. 22mm: 20÷ 22Nm	Coil retainer nut Øe 20.5: 5÷6Nm	Fixing screws N°2 DIN 912-8.8 M5x50: 5÷6Nm
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OPTIONS														
J		J												
_F	Screwed manual override EF Reference: LC04ZEF	_P	Push-button manual override EP Reference: 271-05098											
														
OTHER ACTUATORS														
J	X	Oleopneumatic actuator OP Reference : LC04ZP	Pilot pressure											
P1	00		P. Max 200bar											
			P. Min 4bar*											
		With external drain (DE). With internal drain (DI), allow for pilot ratio 6,5:1. Example: at 100 bar pressure (C1, C2, C3 or C4), will need a minimum pilot pressure of 100:6,5 = 15,4 bar.												
ORDERING CODE														
<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">L</td> <td style="padding: 5px;">7</td> <td style="padding: 5px;">1</td> <td style="padding: 5px;">0</td> <td style="padding: 5px;">U</td> <td style="padding: 5px;">J</td> <td style="padding: 5px;">V</td> <td style="padding: 5px;">V</td> <td style="padding: 5px;">*</td> <td style="padding: 5px;">Y</td> <td style="padding: 5px;">Z</td> </tr> </table>				L	7	1	0	U	J	V	V	*	Y	Z
L	7	1	0	U	J	V	V	*	Y	Z				
U	PORTS	J	OPERATED											
-	SEE PAGE 2.155	10	ELECTRICALLY OPERATED (Z)											
		1F	ELECTRICALLY OPERATED + EF											
		1P	ELECTRICALLY OPERATED + EP											
V	DRAIN	P1	OLEOPNEUMATICALLY OPERATED (OP)											
-	SEE PAGE 2.155	20*	EL.OP. WITH EXPLOSION PROOF COILS (AD)											
			* ON REQUEST (ATEX)											
W	CIRCUIT	Z	VERSION											
--	SEE PAGE 2.155	0	STANDARD											
		V	SEALS IN VITON											
X	VOLTAGE	Available connections					Y	CONNECTION						
		00	01	03	07	31	34							
00	WITHOUT COIL							00	WITHOUT COIL AND CONNECTOR					
OB	12V DC	X	X	X	X	X	X	01	WITH COIL, WITHOUT CONNECTOR					
AD	13V DC	X	X					02	WITH CONNECTOR DIN 43650					
OC	24V DC	X	X	X	X	X	X	03	AMP JUNIOR					
AC	27V DC	X	X					07	DT04-2P DEUTSCH					
OD	48V DC	X	X					31	CABLE 350 mm					
OE	110V DC	X	X					34	CABLE 350 mm + DT04-2P DEUTSCH					
OV	24 RAC (21.5 DC)	X	X											
OW	110 RAC (98 DC)	X	X											
OZ	230 RAC (207 DC)	X	X											

VS 120 Series

Coils

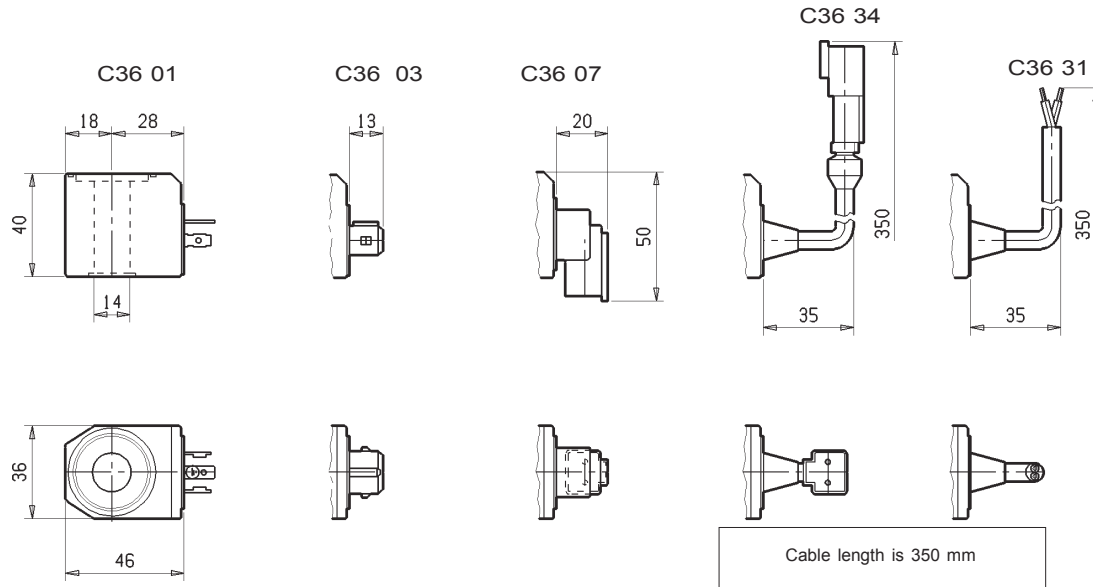


COILS C36

J

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Weight: 0,210 kg
 - Insulation Class: H
 Relative duty factor: ED 100% only if the room temperature does not exceed 40°C.
 Permissible voltage fluctuation: +5% -10% of the nominal.
 Available voltages: Look at table. On request different voltages can be supplied.
 Standard Connections: DIN 43650, ISO 4400.
 Low voltage directives EEC 73/23/CEE and 89/336/CEE .
 Versions with sheathed cables as well as with Deutsch and AMP JUNIOR connectors are equipped with bi-directional diode.
 Protection Class according to DIN 40050: coil correctly assembled with O'ring and retainer:
 - IP65 with AMP JUNIOR and DIN 43650 connector, if assembled with rubber sealings and fixing screw is properly tightened.
 - IP69k for versions with Deutsch connector.



Reference	Model	Connection	Nominal voltage Volt	Marking	Power watt	Nominal current ampere	Resistance	
							#	± 7% T=20°C
271-0510	C3601 12DC	DIN 43650 - ISO 4400	12 DC	12 VDC	26	2.15	5.5	
271-0510002	C3631 12DC	CABLES	12 DC	12 VDC	26	2.15	5.5	
271-05102	C3603 12DC	AMP JUNIOR	12 DC	12 VDC	26	2.15	5.5	
271-0510004	C3634 12DC	CABLE + DEUTSCH	12 DC	12 VDC	26	2.15	5.5	
271-0510207	C3607 12DC	DEUTSCH DT 04-2P	12 DC	12 VDC	26	2.15	5.5	
271-05104	C3601 13DC	DIN 43650 - ISO 4400	13 DC	13 VDC	26	2.00	6.5	
271-0511	C3601 24DC	DIN 43650 - ISO 4400	24 DC	24 VDC	26	1.10	22	
271-0511002	C3631 24DC	CABLES	24 DC	24 VDC	26	1.10	22	
271-05112	C3603 24DC	AMP JUNIOR	24 DC	24 VDC	26	1.10	22	
271-0511004	C3634 24DC	CABLE + DEUTSCH	24 DC	24 VDC	26	1.10	22	
271-0511207	C3607 24DC	DEUTSCH DT 04-2P	24 DC	24 VDC	26	1.10	22	
271-051101	C3601 27DC	DIN 43650 - ISO 4400	27 DC	27 VDC	26	1.00	28	
271-0512	C3601 48DC	DIN 43650 - ISO 4400	48 DC	V 48 DC	26	0.54	89	
271-0514	C3601 110DC	DIN 43650 - ISO 4400	110 DC	V 110 DC	29	0.27	413	
271-05110	C3601 24-50/60Hz RAC	DIN 43650 - ISO 4400	21.5 DC	V 21.5 DC	26	1.20	18	
271-0513	C3601 110-50/60Hz RAC	DIN 43650 - ISO 4400	98 DC	V 98 DC	29	0.29	338	
271-0515	C3601 230-50/60Hz RAC	DIN 43650 - ISO 4400	207 DC	V 207 DC	29	0.14	1430	