

Weyn-Lauwers N.V.

Industriepark-Noord 12
B - 9100 SINT-NIKLAAS

Tel. : 00 32 (0)3 776.34.13
Fax : 00 32 (0)3 778.09.52
weynlauwers@weynlauwers.be
www.weynlauwers.be

SOLENOID VALVES ESV 90

ELETTROVALVOLA SERVOCOMANDATA 2/2 VIE N.C. SOLENOID VALVE PILOT OPERATED 2/2 WAY N.C. SERVOGESTEUERTES MAGNETVENTIL 2/2 WEGE S.G.



I CARATTERISTICHE GENERALI

PRESSIONE MINIMA DIFFERENZIALE DI FUNZIONAMENTO 1 bar

PARTI A CONTATTO CON IL FLUIDO

TENUTA

PTFE L'otturatore principale è un pistone in PTFE con fasce di tenuta radiale in PTFE caricato grafite autolubrificante

CORPO

ORGANI INTERNI

FLUIDI

VALVOLA UNIDIREZIONALE

VALVOLA ISPEZIONABILE

VALVOLA FORNITA CON

POSIZIONE DI MONTAGGIO

OTTONE NICHELATO CON SEDE DI TENUTA INOX

ACCIAIO INOX

VAPORE

CONNETTORE TRIPOLARE UNI ISO 4400 (DIN 43650A) - IP65
Qualsiasi; sconsigliata quella con bobina rivolta verso il basso. Per i modelli 9017, 9018, 9019 si consiglia di montare la valvola con bobina rivolta verso l'alto

TEMPERATURA AMBIENTE

80°C, in D.C. per temperature superiori a 40°C, le performance (M.O.P.D.) potrebbero diminuire



UK GENERAL FEATURES

MINIMUM DIFFERENTIAL WORKING PRESSURE 1 bar

PARTS IN CONTACT WITH THE FLUID

SEALING

PTFE The principal closing is via a PTFE piston with PTFE radial seal bands, graphite loaded, self-lubricating.

BODY

INTERNAL PARTS

FLUIDS

ONE WAY DIRECTION VALVE

SERVICEABLE VALVE

VALVE SUPPLIED WITH

NICKEL-PLATED BRASS WITH SEALING SEAT IN STAINLESS STEEL.

STAINLESS STEEL

STEAM

THREE POLE PLUG CONNECTOR UNI ISO 4400

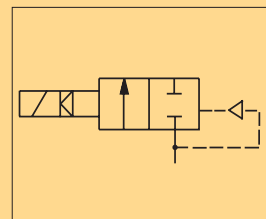
(DIN 43650A)-IP65

MOUNTING POSITION

Any, the position with the coil downwards is not recommended. For the models 9017,9018,9019 we advice to install the valve with the coil vertical.

AMBIENT TEMPERATURE

80°C, in D.C. for temperatures higher than 40°C, the performances (M.O.P.D.) could decrease.



D ALLGEMEINE MERKMALE

MINIMALER DIFFERENTIALARBEITSDRUCK 1 bar

MEDIUMS BERUEHRTE ELEMENTE

DICHTUNG

PTFE Der Hauptverschluss besteht aus einem PTFE-Kolben mit PTFE Radialkolbenringen, graphitiert, selbstschmierend.

KOERPER

INNERE ELEMENTE

MEDIEN

UNIDIREKTIONALES VENTIL

VENTIL WARTUNGSFREUNDLICH

LIEFERUMFANG

MONTAGEPOSITION

VERNICKELTES MESSING MIT VENTILSITZ AUS EDELSTAHL

EDELSTAHL

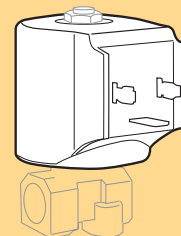
DAMPF

DREIPOLIGER STECKER UNI ISO 4400 (DIN 43650A)-IP65

Keine Einschränkungen, ausser fuer Montage mit dem Spulenkopf senkrecht nach unten nur auf Anfrage. Fuer die Modelle 9017,9018,9019 wird die Montage des Ventils mit dem Spulenkopf senkrecht nach oben empfohlen.

UMGEBUNGSTEMPERATUR

80°C, im D.C.- Betrieb koennen Temperaturen ueber 40°C, die Schaltfraefte (M.O.P.D.) des Ventils beeintraechtigen.



BOBINA TIPO B12
COIL TYPE B12
SPULE TYP B12

serie 90



Weyn-Lauwers N.V.

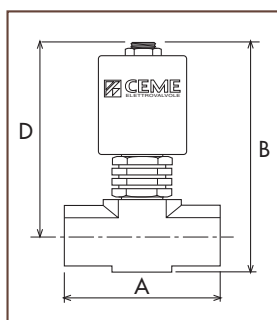
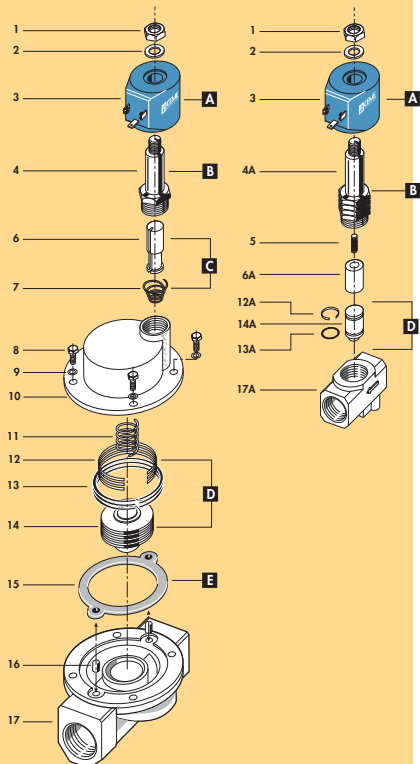
Industriepark-Noord 12
B - 9100 SINT-NIKLAAS

Tel. : 00 32 (0)3 776.34.13
Fax : 00 32 (0)3 778.09.52
weynlauwers@weynlauwers.be
www.weynlauwers.be

SOLENOID VALVES ESV 90

CARATTERISTICHE SPECIFICATIONS

ATTACCHI PIPES in → out	Ø mm	CODICE CODE	KV m ³ /h	M.O.P.D. bar		DIMENSIONI/DIMENSIONS mm				PESO/WEIGHT Kg
				AC	DC	A	B	C	D	
G 3/8	12	9003	2,4	10	5	73	118	48	105,5	0.750
G 1/2	12	9004	2,4	10	5	73	118	48	105,5	0.730
G 3/8	8,0	9013	1,08	10	5	56	99	60	81	0.470
G 1/2	8,0	9014	1,08	10	5	56	99	60	81	0.500
G 3/4	21	9015	6,3	10	5	100	134	80	116	1.450
G 1	21	9016	6,3	10	5	100	139	80	119	1.480
G 1 1/4	38	9017	20,4	10	5	146	184	128	154	4.500
G 1 1/2	38	9018	20,4	10	5	146	184	128	154	4.300
G 2	50	9019	34,8	10	5	174	219	146	184	7.200



CARATTERISTICHE ELETTRICHE ELECTRICAL INFORMATION

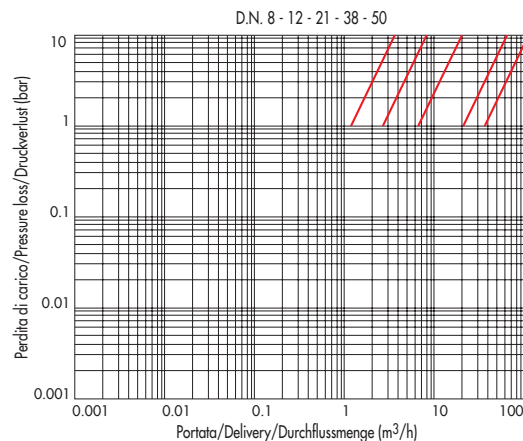
V~	12	24	48	110	230	400	POTENZA/POWER	
							NOMINALE HOLDING	SPUNTO IN RUSH
V=	12	24	48	110			20VA	38VA
							14W	

Per dettagli costruttivi sulle bobine vedi capitolo "INFORMAZIONI DI PROGETTO"
For construction details of the coil see chapter "PROJECT INFORMATION"
Ausführliche Daten über die Ventilsolen finden Sie unter Abschnitt "TECHNISCHE
INFORMATIONEN"

MAX TEMPERATURA MAX TEMPERATURE

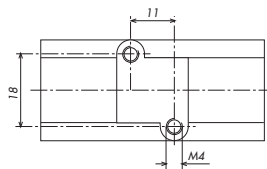
FLUIDI/FLUIDS			AMBIENTE/AMBIENT	
PTFE			80°C	
180°C				

DIAGRAMMA PERDITA DI CARICO PRESSURE LOSS DIAGRAM



1	Dado	Lock nut	Mutter
2	Rondella	Washer	Beilagscheibe
3	Bobina	Coil	Magnetspule
4	Cannotto	Tube guide	Plungerrohr
5	Molla	Spring	Feder
6	Nucleo mobile	Plunger	Plunger
7	Molla	Spring	Feder
8	Vite	Screw	Schraube
9	Rondella spaccata	Split washer	Gebrochene Scheibe
10	Coperchio	Valve body top	Deckel
11	Molla	Spring	Feder
12	Molla	Spring	Feder
13	Fascia elastica	Piston rings	Kolbenring
14	Otturatore	Piston	Verschluss
15	Guarnizione	Gasket	Dichtung
16	Bussola	Bush	Buchse
17	Corpo	Valve body base	Grundkörper

RICAMBI	SPARE PARTS	ERSATZTEILE
A Bobina	Coil	Magnetspule
B Cannotto	Tube guide	Plungerrohr
C Nucleo mobile	Plunger	Plunger
D Otturatore	Piston	Verschluss
E Guarnizione	Gasket	Dichtung



9003



9014



9019



serie 90