E Series

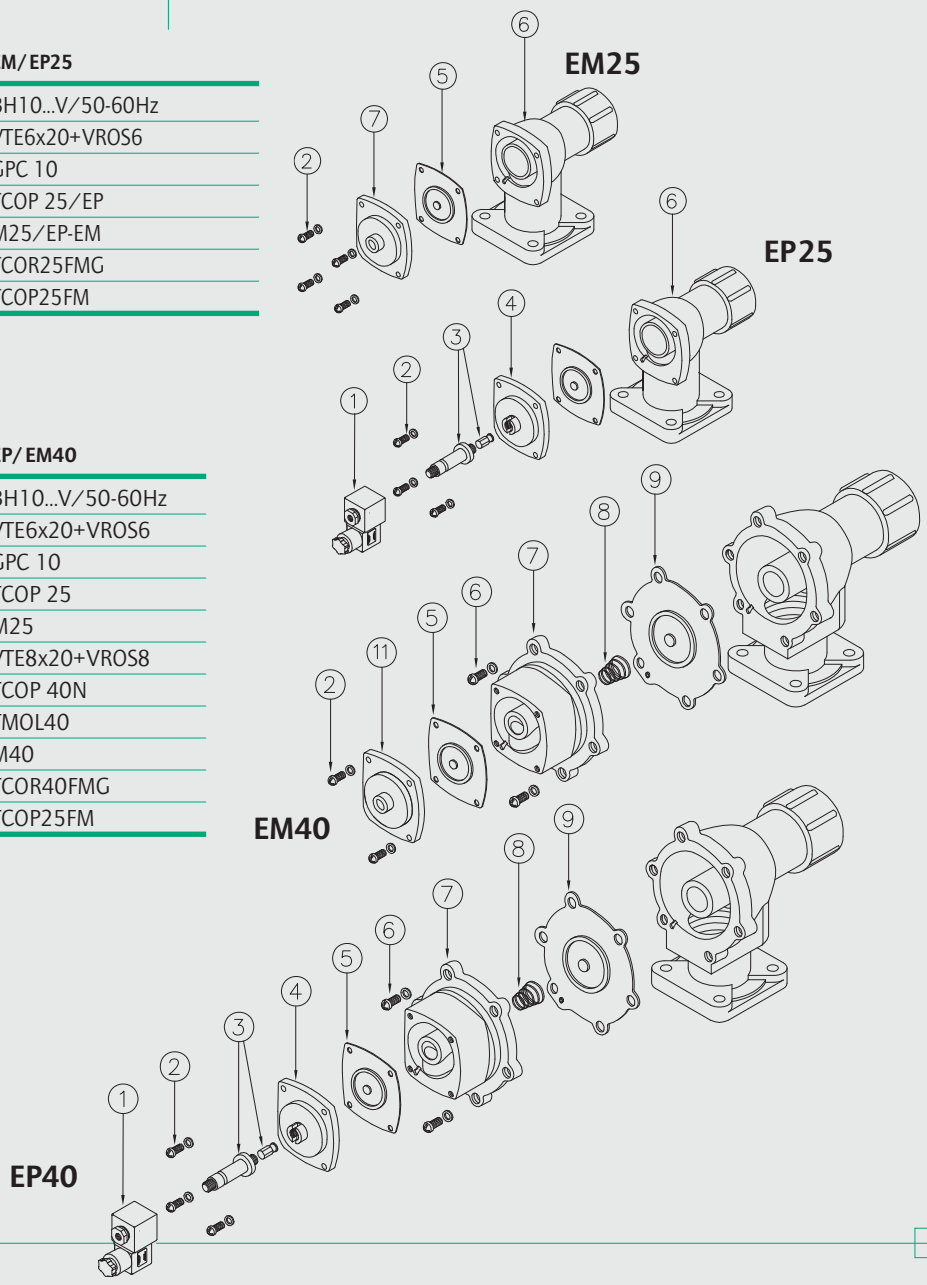
CARACTERISTICS	
Fluid	Filtered and oilfree compressed air
Temperature range	STD diaphragm -40°C; +80°C Viton diaphragm -30°C; +200°C
Operating pressure	min 0,5; max 7,5 bar
Body & cover	Die cast aluminium
Core tube	Stainless Steel
Plunger	Stainless Steel
Screws	Stainless Steel
Coil insulation	Class H
Connector	PG 9; IP65 DIN 43650 ISO 4400
Standard voltages	230 -110 - 24V / 50-60VHz 19 VA 24VDC 15W

DESCRIPTION	EM/EP25
1 Coil+Connector	BH10...V/50-60Hz
2 Screws+Washer	VTE6x20+VROS6
3 Pole assembly	GPC 10
4 Cover	TCOP 25/EP
5 Diaphragm	M25/EP-EM
6 Body	TCOR25FMG
7 Cover remote operated	TCOP25FM

EP Integral solenoid pilot version
EM Remote pilot version

DESCRIPTION	EP/EM40
1 Coil+Connector	BH10...V/50-60Hz
2 Screws+Washer	VTE6x20+VROS6
3 Pole assembly	GPC 10
4 Cover	TCOP 25
5 Diaphragm	M25
6 Screws + Washer	VTE8x20+VROS8
7 Main cover	TCOP 40N
8 Spring	TMOL40
9 Main diaphragm	M40
10 Body	TCOR40FMG
11 Cover remote operated	TCOP25FM

EP Integral solenoid pilot version
EM Remote pilot version



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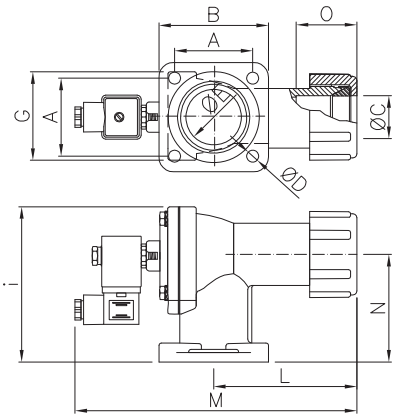
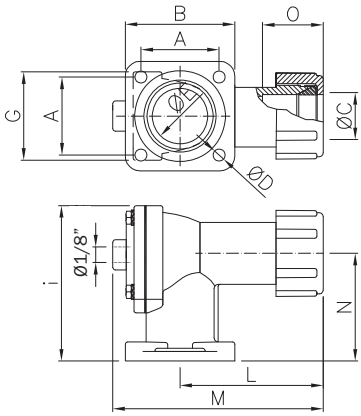
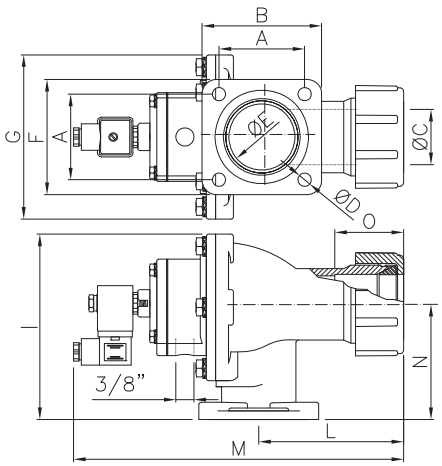
EP25



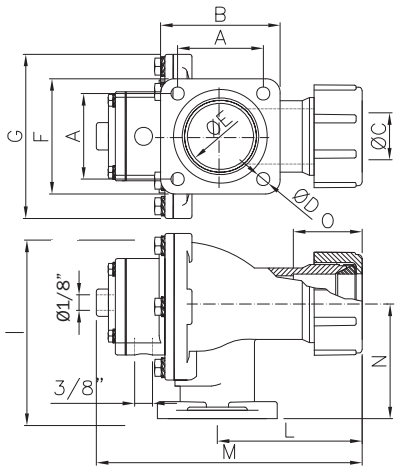
EM25



EP40

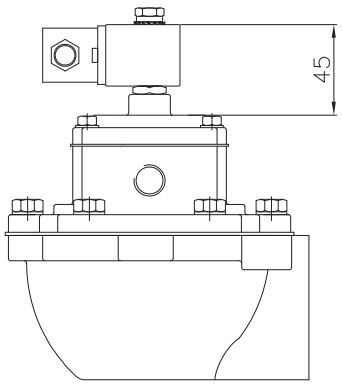


EM40



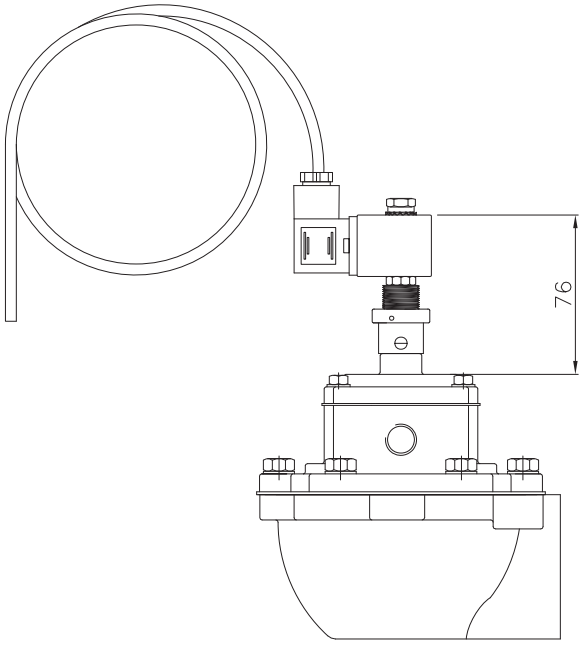
Model	Ø C (nom)	A	B	Ø D	F	G	I	L	M	N	Ø E	Weight (Kg)
EP 25	1"	60	82	9	82	74	119	106	217	81	1"1/2	1
EP 40	1"1/2	72	99	11	96	140	160	115	278	96	2"	2,3
EM 25	1"	60	82	9	82	74	106	106	159	81	1"1/2	0,9
EM40	1"1/2	72	99	11	96	140	160	115	220	96	2"	2,1

ATEX



Turbo pulse valves for petentially explosive atmospheres according to ATEX 94/9/EC valve is provided with moulded coil and connector IP 65 suitable for zone 2 e 22. Valve dimensions are same of standard model.

ATEX II3GD (zone 2 e 22)



Turbo pulse valves for petentially explosive atmospheres according to ATEX 94/9/EC. Valve use encapsulated moulded soil with leads wire of different length.

Pilot valve has brass body thet change valve dimensions from standard model.

ATEX II2GD (zone 1 e 21)

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ATEX 94/9/EC

Correspondence between zones and categories

<table>
<tr><td colspan="2">Group I
(underground mining, methane and combustible dust)</td><td colspan="6">Group II
(Surface, gas/air or mixture of dust/air, vapors)</td></tr>
<tr><td colspan="2">Category M</td><td colspan="2">Category 1</td><td colspan="2">Category 2</td><td colspan="2">Category 3</td></tr>
<tr><td>1

Equipments ensuring a very high level of protection. Guaranteed operations in case of possible errors</td><td>2

Equipments ensuring a high level of protection. In case an explosive atmosphere occurs, operation interruption is possible</td><td>G
(Gases, Mists vapors Zone 0)</td><td>D
(Dust Zone 20)</td><td>G
(Gases, mists vapors Zone 1)</td><td>D
(Dust Zone 21)</td><td>G
(Gases, mists vapors Zone 2)</td><td>D
(Dust Zone 22)</td></tr>
<tr><td colspan="2"></td><td colspan="2">Equipments ensuring a very high level of protection. Equipments ensuring a very high level of protection.

Explosive atmospheres are present continuously, for long period or frequently.</td><td colspan="2">Equipments ensuring a high level of protection.

Explosive atmospheres are likely to occur.</td><td colspan="2">Equipments ensuring a normal level of protection.

Explosive atmospheres are unlikely to occur or, if they do occur, are likely to do so only infrequently and for a short period only.</td></tr>
</table>

HOW TO ORDER

example **F P 25 02450**

F : THREADED VALVE
D : COMPRESSION FITTINGS VALVE
E : FLANGED VALVE
SQ : GLOBAL VALVE FOR SQUARE TANK
FD : STRAIGHT THROUGH VALVE

P = INTEGRAL PILOT
M = REMOTE PILOT

CONNECTION DIAMETERS

3/4"	=	20
1"	=	25
1"1/2	=	40
2"	=	55
2"1/2	=	65
3"	=	75

STANDARD VOLTAGES

24V	50-60Hz =	02450
110V	50-60Hz =	11050
220V	50-60Hz =	22050
24VDC	=	024DC

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