

SQ Series Ø 1"

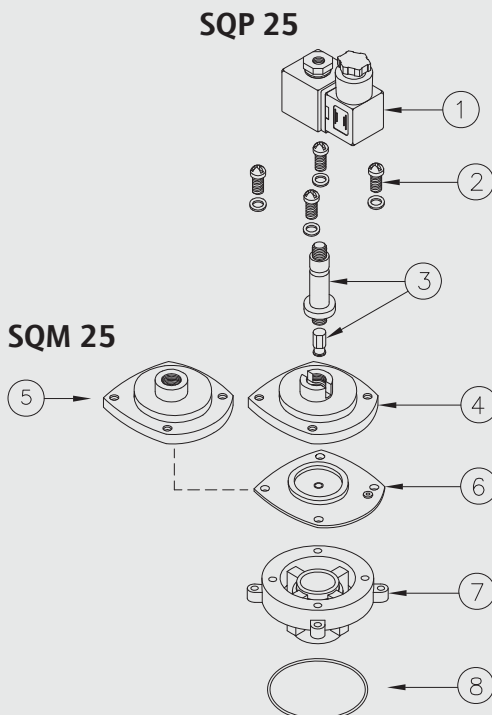


**CARACTERISTICS**

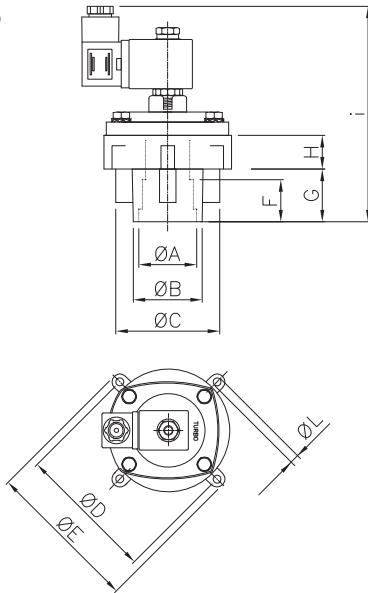
<b>Fluid</b>	Filtered and oilfree compressed air
<b>Temperature range</b>	STD diaphragm -40°C; +80°C Viton diaphragm -30°C; +200°C
<b>Operating pressure</b>	min 0,5; max 7,5 bar
<b>Body &amp; cover</b>	Die cast aluminium
<b>Core tube</b>	Stainless Steel
<b>Plunger</b>	Stainless Steel
<b>Screws</b>	Stainless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

DESCRIPTION	SQP25/SQM25
1 Coil+Connector	BH10...V/50-60Hz
2 Screws+Washer	VTE6x20+VROS6
3 Pole assembly	GPC 10
4 Cover	TCOP 25
5 Cover remote operated	TCOP25FM
6 Diaphragm	M25
7 Body	TCOR25IM
8 O-Ring	OR 65x4

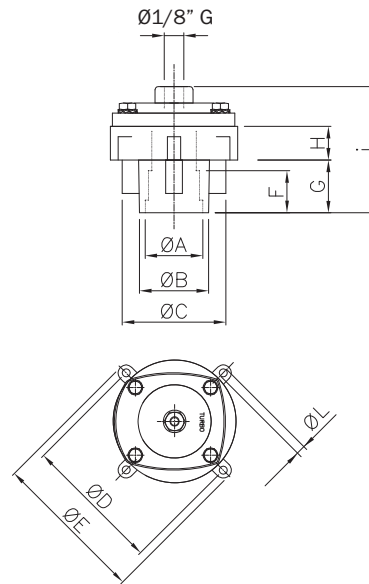
**SQPO** Integral solenoid pilot version  
**SQMO** Remote pilot version



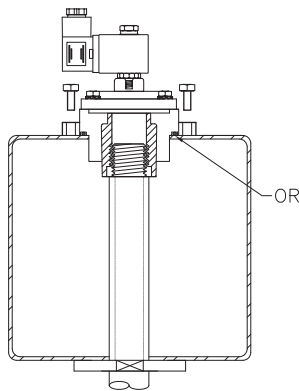
SQP 25



SQM 25



Installation SQP 25/ SQM 25



Model	Ø A	Ø B	Ø C	Ø D	Ø E	Ø M	F	G	H	I	Ø L	Weight (Kg)
SQP 25	1"	41,4	62,2	104	116	92	25	31,5	20,2	136	6,2	0,6
SQM 25	1"	41,4	62,2	104	116	92	25	31,5	20,2	78	6,2	0,5

SQ Series Ø 1"1/2



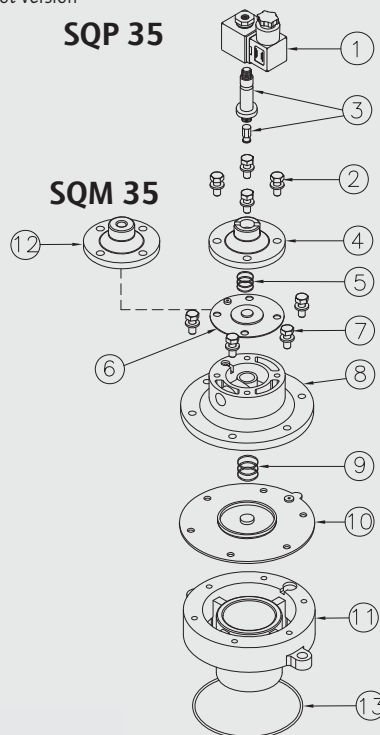
**CARACTERISTICS**

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<b>Temperature range</b>	STD diaphragm -40°C; +80°C Viton diaphragm -30°C; +200°C
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<b>Plunger</b>	Stainless Steel
<b>Screws</b>	Stainless Steel
<b>Coil insulation</b>	Class H
<b>Connector</b>	PG 9; IP65 DIN 43650 ISO 4400
<b>Standard voltages</b>	230 -110 - 24V / 50-60VHz 19 VA 24VDC 15W

DESCRIPTION	SQP35/SQM35
1 Coil+Connector	BH10...V/50-60Hz
2 Screws+Washer	VTE6x20+VROS6
3 Pole assembly	GPC 10
4 Cover	TCOP 10
5 Spring	TMOL25
6 Diaphragm	M10
7 Screws+Washer	VTE8x20+VROS8
8 Main cover	TCOP35N
9 Spring	TMOL40
10 Main diaphragm	M35-S
11 Body	TCOR35FMGS
12 Cover remote operated	TCOP10FM
13 O-Ring	OR 6337

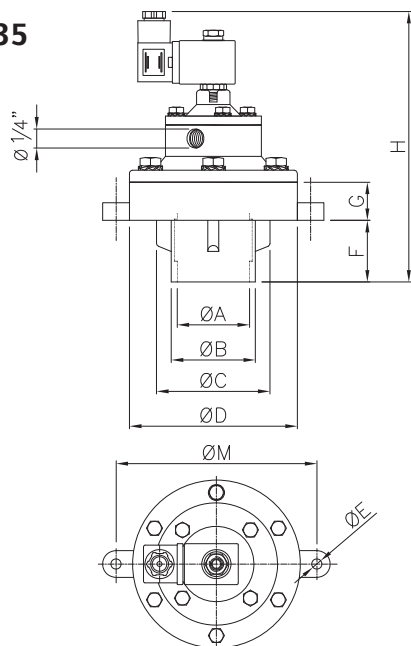
**SQPO** Integral solenoid pilot version

**SQMO** Remote pilot version

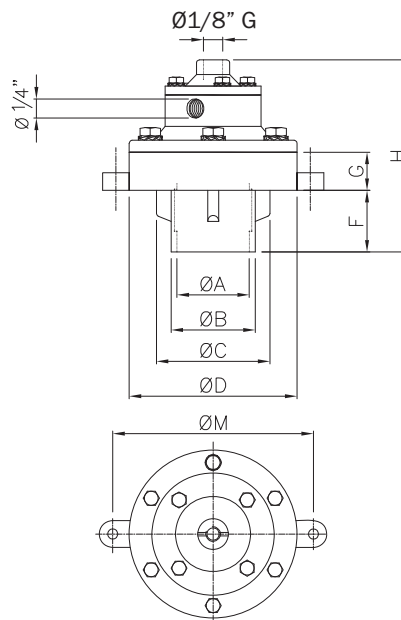


Dimensions  $\varnothing 1\frac{1}{2}$  **SQ** Series

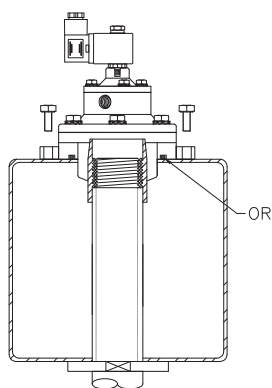
**SQP 35**



**SQM 35**



**Installation SQP 35**



Model	Ø A	Ø B	Ø C	Ø D	Ø E	F	G	H	Ø M	Weight (Kg)
<b>SQPO 35</b>	1"1/2	57	80,4x70,3	114	9	42	26	162	130	1,3
<b>SQMO 35</b>	1"1/2	57	80,4x70,3	114	9	42	26	104	130	1,1

SQ Series Ø 2" - 2"1/2 - 3" - 4"

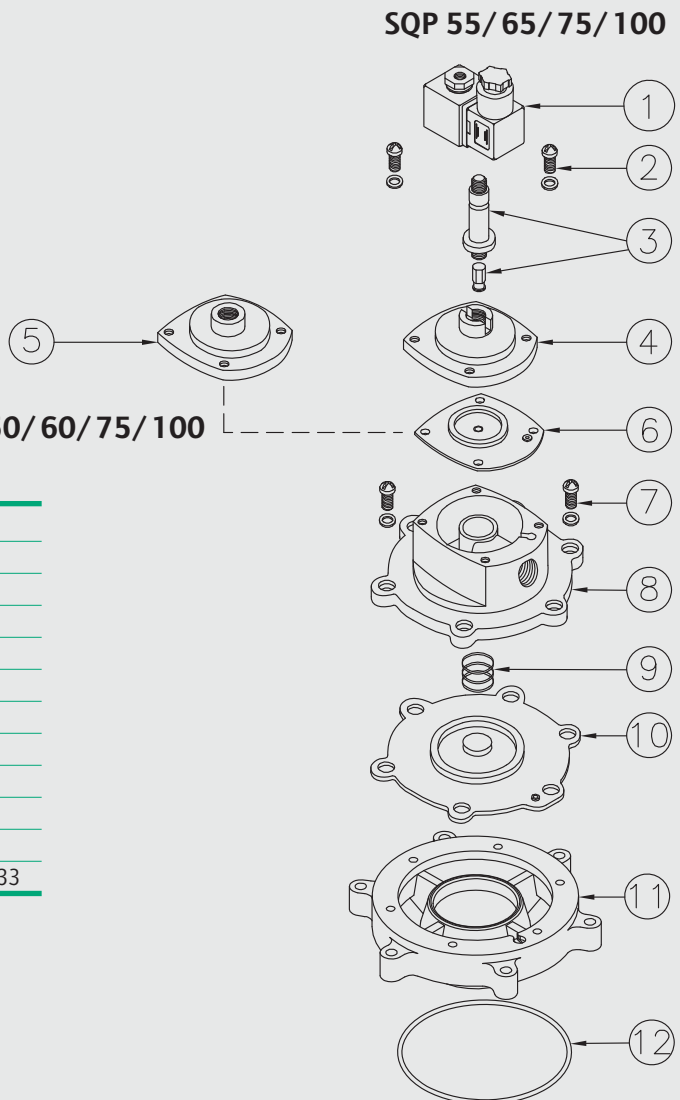


**CARACTERISTICS**

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

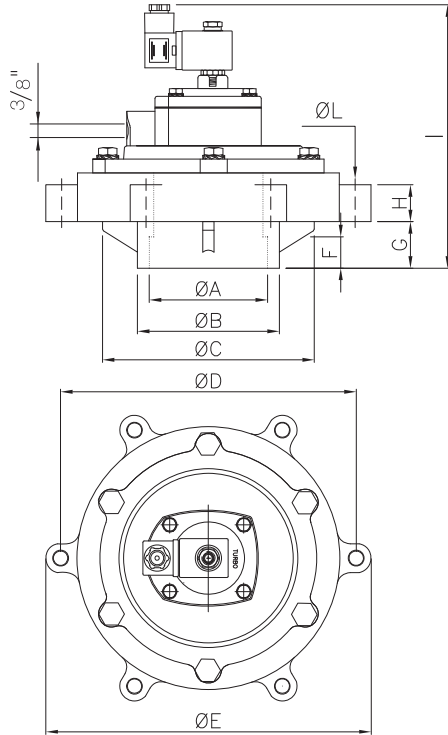
DESCRIPTION	SQP55/65
1 Coil+Connector	BH10...V/50-60Hz
2 Screws+Washer	VTE6x20+VROS6
3 Pole assembly	GPC 10
4 Cover	TCOP 25
5 Cover remote operate	TCOP25FM
6 Diaphragm	M25
7 Screws+Washer	VTE10x20+VROS10
8 Cover	TCOP50G
9 Spring	TMOL40
10 Main diaphragm	M50
11 Body	TCOR50FG - TCOR60FG
12 O-Ring	OR 133 35x5,33

DESCRIPTION	SQP75/100
1 Coil+Connector	BH10...V/50-60Hz
2 Screws+Washer	VTE6x20+VROS6
3 Pole assembly	GPC 10
4 Cover	TCOP 25
5 Cover remote operate	TCOP25FM
6 Diaphragm	M25
7 Screws+Washer	VTE10x25+VROS10
8 Cover	TCOP65G
9 Spring	TMOL40
10 Main diaphragm	M75
11 Body	TCOR75FLQ - TCOR100FLQ
12 O-Ring	OR 177 17x6,99 - OR 100 17x5,33

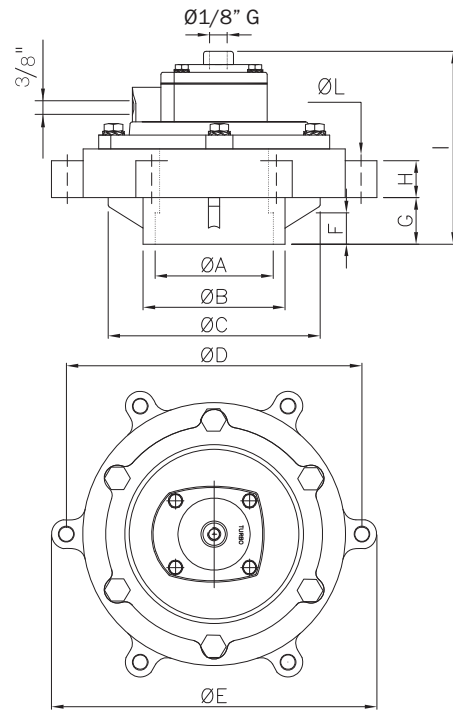


Dimensions Ø 2" - 2"½ - 3" - 4" **SQ** Series

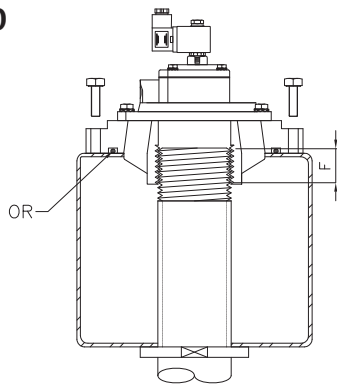
**SQP 50/60/75/100**



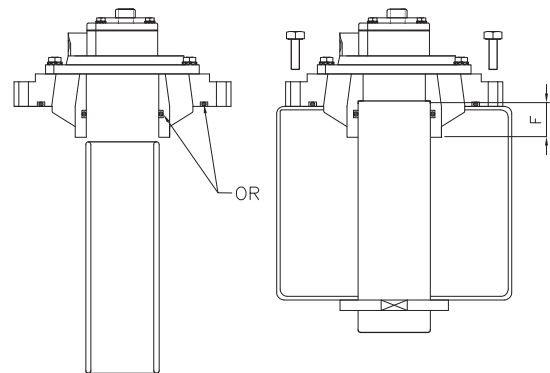
**SQM 50/60/75/100**



**SQM 50/60**  
**SQP 50/60**

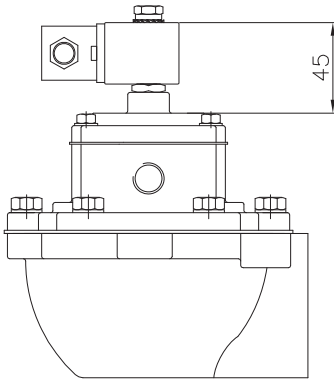


**SQM 75/100 PUSH IN**  
**SQP 75/100 PUSH IN**



Model	Ø A	Ø B	Ø C	Ø D	Ø E	F	G	H	I	Ø L	Weight (Kg)
<b>SQP 50</b>	2"	83	126	175	195	39	60	20	211	11	2,4
<b>SQP 60</b>	2"½	83	126	175	195	39	60	20	211	11	2,2
<b>SQP 75-IN</b>	3"	107,5	161	225	247	44	35,5	27	206	11	3,6
<b>SQP 100-IN</b>	4" (101,6 mm)	119,5	161	225	247	44	35,5	27	206	11	3,5
<b>SQM 50</b>	2"	83	126	175	195	39	60	20	153	11	2,2
<b>SQM 60</b>	2"½	83	126	175	195	39	60	20	153	11	2
<b>SQM 75-IN</b>	3"	107,5	161	225	247	44	35,5	27	148	11	3,6
<b>SQM 100-IN</b>	4" (101,6 mm)	119,5	161	225	247	44	35,5	27	148	11	3,3

ATEX

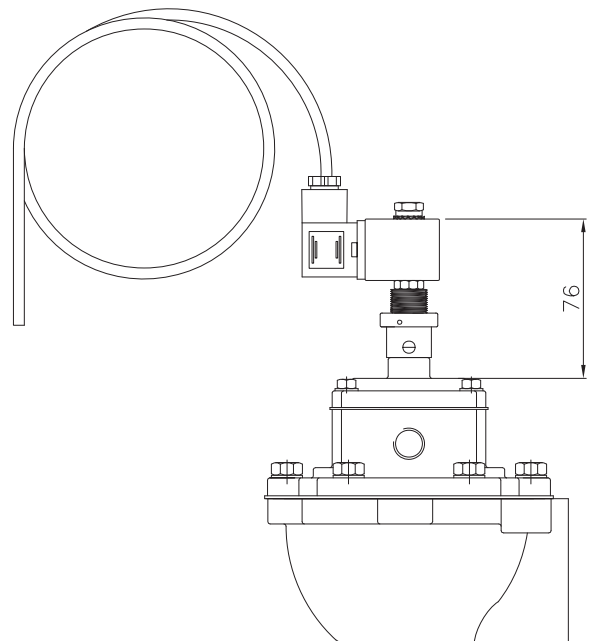


ATEX II3GD (zone 2 e 22)

Turbo pulse valves for potentially 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.



Turbo pulse valves for potentially explosive atmospheres according to ATEX 94/9/EC. Valve use encapsulated moulded soil with leads wire of different length. Pilot valve has brass body that change valve dimensions from standard model.



ATEX II2GD (zone 1 e 21)

## 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



# ATEX 94/9/EC

## Correspondence between zones and categories

<b>Group I</b> (underground mining, methane and combustible dust)		<b>Group II</b> (Surface, gas/air or mixture of dust/air, vapors)					
<b>Category M</b>		<b>Category 1</b>		<b>Category 2</b>		<b>Category 3</b>	
1	2	G (Gases, Mists vapors <b>Zone 0</b> )	D (Dust <b>Zone 20</b> )	G (Gases, mists vapors <b>Zone 1</b> )	D (Dust <b>Zone 21</b> )	G (Gases, mists vapors <b>Zone 2</b> )	D (Dust <b>Zone 22</b> )
Equipments ensuring a very high level of protection. Guaranteed operations in case of possible errors		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.		Equipments ensuring a high level of protection.  Explosive atmospheres are likely to occur.		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.	