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Pulse Valves

for Dust Collector Filters



CERTIFICATE



Certificate of Assessment

Turbo S.r.l.

Via Po, 33 – 20031 Cesano Maderno – MI

EQAICC hereby grants to the above company
whose Quality Management System is in conformance with

ISO 9001:2008

Scope

Progettazione, produzione e commercializzazione di componenti per
filtri depolveratori.

Design, production and trade of components for dust collector filters.

Registration No. U5379

First issued on 23rd July, 2004

Reissued on 15th May, 2010

This certificate is valid until 18th July, 2013



The Chief Executive



Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by consulting EQA/ICC
R002, Air-Turbine 1-08a, F157-17 Goro-Dong, Goro-Gio, Sesto, Korea / URL: www.ergo.com



TURBO VALVES

Turbo has a complete range of pulse valves for dust collector filters able to meet all customers technical requirement. Turbo valves are designed to have a long life and excellent performance in terms of opening and closing with low air consumption.

Turbo products range includes:

- 1 - Threaded pulse valves (F Series)
- 2 - Compression fittings pulse valves (D Series)
- 3 - Flanged pulse valves (E Series)
- 4 - Pulse valves for square tank (SQ Series)
- 5 - Straight through pulse valves (FD Series)



Same valves are available in compliance with ATEX 94/9/EC:

ATEX II 2 GD (zone 1 and 21)

ATEX II 3 GD (zone 2 and 22).

(You can find details of ATEX directive at the end of catalogue).

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

$\frac{3}{4}$ " = 20
 1" = 25
 $1\frac{1}{2}$ " = 40
 $1\frac{1}{2}$ " = 45
 2" = 55
 $2\frac{1}{2}$ " = 65
 3" = 75
 4" = 100

STANDARD VOLTAGES

24V/50-60Hz = 02450
 115V/50-60Hz = 11050
 230V/50-60Hz = 22050
 24VDC = 024DC



B1 Pulse valve with threaded connection

F Series

B2 Pulse valves with compression fitting

D Series

B3 Pulse valves with flange inlet

E Series

B4 Pulse valves for square tank

SQ Series

B5 Pulse valves straight through

FD Series



CHARACTERISTICS

Fluid	Filtered and oilfree compressed air
Temperature range	STD diaphragm -20°C; +80°C Viton diaphragm -20°C; +200°C
Operating pressure	min 0,5 bar - max 7,5 bar
Body and cover	Die cast aluminium
Core tube	Stainless steel
Plunger	Stainless steel
Screws	Stainless steel
Coil insulation	Class H
Din's connector	PG 9 EN175301-803
Protection Din's connector + Coil	IP65 EN60529
Standard voltage	24V/50-60Hz (±10%) 19VA 115V/50-60Hz (±10%) 19VA 230V/50-60Hz (±10%) 19VA 24VDC (± 10%) 18 Watt

DESCRIPTION	VALVE FM20/FP20	VALVE FM25/FP25
1 Coil + Din Connector	BH10...V/50-60Hz	BH10...V/50-60Hz
2 Screws + Washers	VTE6x20+TROND6GROWER	VTE6x20+TROND6GROWER
3 Pole assembly	GPC10	GPC10
4 Cover direct drive	TCOP25	TCOP25
5 Remote operated cover	TCOP25FM	TCOP25FM
6 Diaphragm	M25	M25
6a Spring	TMOL10G	TMOL10G
7 Body	TCOR20FFG	TCOR25FFG

FP Integral solenoid pilot version / FM Remote pilot version

DESCRIPTION	VALVE FM40/FP40	VALVE FM55/FP55	VALVE FM65/FP65
1 Coil + Din Connector	BH10...V/50-60Hz	BH10...V/50-60Hz	BH10...V/50-60Hz
2 Screws + Washers	VTE6x20+TROND6GROWER	VTE6x20+TROND6GROWER	VTE6x20+TROND6GROWER
3 Pole assembly	GPC10	GPC10	GPC10
4 Cover direct drive	TCOP25	TCOP25	TCOP25
5 Remote operated cover	TCOP25FM	TCOP25FM	TCOP25FM
6 Diaphragm	M25	M25	M25
6a Spring	TMOL10G	TMOL10G	TMOL10G
7 Screws + Washers	VTE8x20+TROND8GROWER	VTE10x25+TROND10GROWER	VTE10x25+TROND10GROWER
8 Cover	TCOP40N	TCOP65G	TCOP65G
9 Spring	TMOL40	TMOL40	TMOL40
10 Main diaphragm	M40	M55/LP	M76
11 Body	TCOR40FFG	TCOR55FFG	TCOR65FFGP

FP Integral solenoid pilot version / FM Remote pilot version

FM20/25

FP20/25

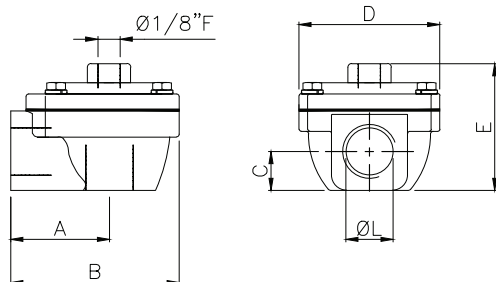
FM40/55/65

FP40/55/65

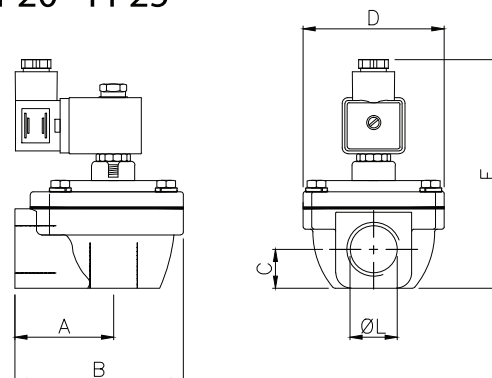
Overall dimensions / F Series

F

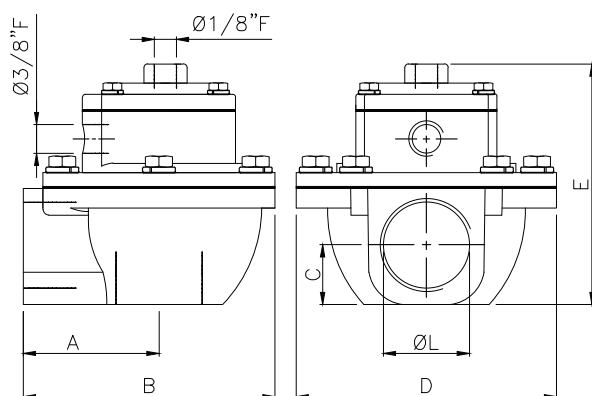
FM20 - FM25



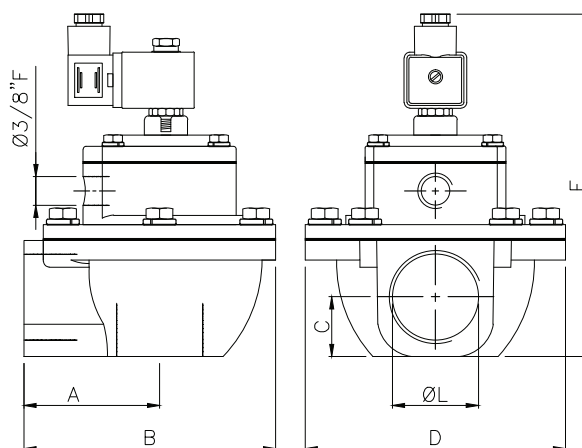
FP20 - FP25



FM40 - FM55 - FM65



FP40 - FP55 - FP65



Model	$\varnothing L$ (nom)	A	B	C	D	E	Weight (Kg)
FP 20	$3/4''$	52	90	20,5	74	~125	0,6
FP 25	1"	52	90	20,5	74	~125	0,5
FP 40	$1 1/2''$	71,3	135	31	140	~188	1,6
FP 55	2"	114	203	40	194	~225	3,7
FP 65	$2 1/2''$	114	203	48	194	~225	3,6
FM 20	$3/4''$	52	90	20,5	74	~67	0,4
FM 25	1"	52	90	20,5	74	~67	0,3
FM 40	$1 1/2''$	71,3	135	31	140	~130	1,4
FM 55	2"	114	203	40	194	~167	3,5
FM 65	$2 1/2''$	114	203	48	194	~167	3,4

Note: Threads can also be implemented in NPT.
For information, please contact our technical Department.



CHARACTERISTICS

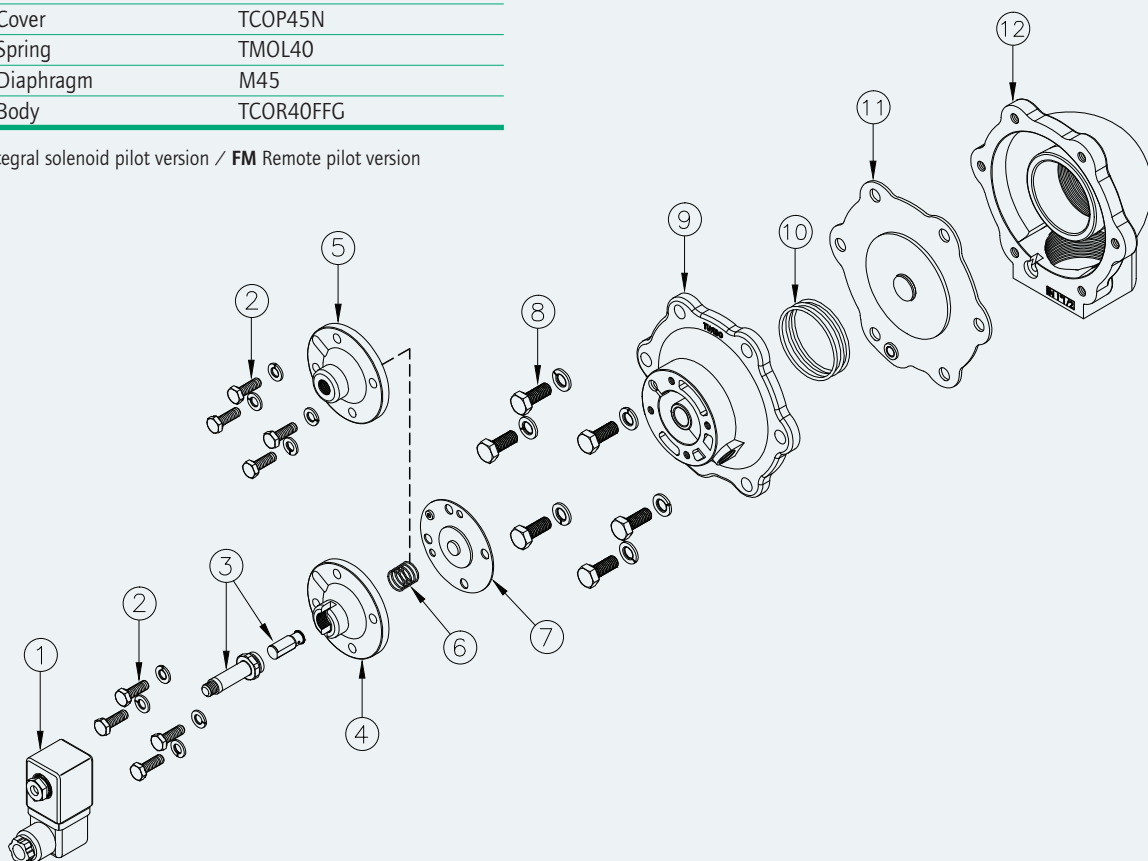
Fluid	Filtered and oilfree compressed air
Temperature range	STD diaphragm -20°C; +80°C Viton diaphragm -20°C; +200°C
Operating pressure	min 0,5 bar - max 7,5 bar
Body and cover	Die cast aluminium
Core tube	Stainless steel
Plunger	Stainless steel
Screws	Stainless steel
Coil insulation	Class H
Din's connector	PG 9 EN175301-803
Protection Din's connector + Coil	IP65 EN60529
Standard voltage	24V/50-60Hz (±10%) 19VA 115V/50-60Hz (±10%) 19VA 230V/50-60Hz (±10%) 19VA 24VDC (±10%) 18 Watt

DESCRIPTION

VALVE FM45/FP45

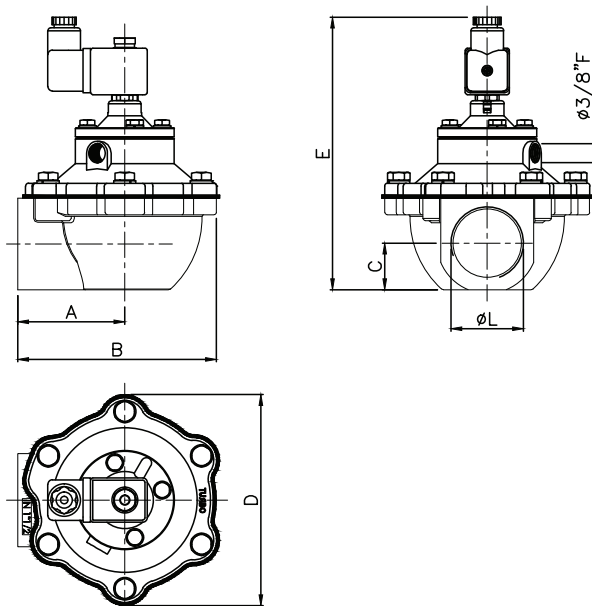
1	Coil + Din Connector	BH10...V/50-60Hz
2	Screws + Washers	VTE6x18+TROND6GROWER
3	Pole assembly	GPC10
4	Cover direct drive	TCOP10
5	Remote operated cover	TCOP10FM
6	Spring	TMOL10G
7	Diaphragm	M10
8	Screws + Washers	VTE8x20+TROND8GROWER
9	Cover	TCOP45N
10	Spring	TMOL40
11	Diaphragm	M45
12	Body	TCOR40FFG

FP Integral solenoid pilot version / FM Remote pilot version

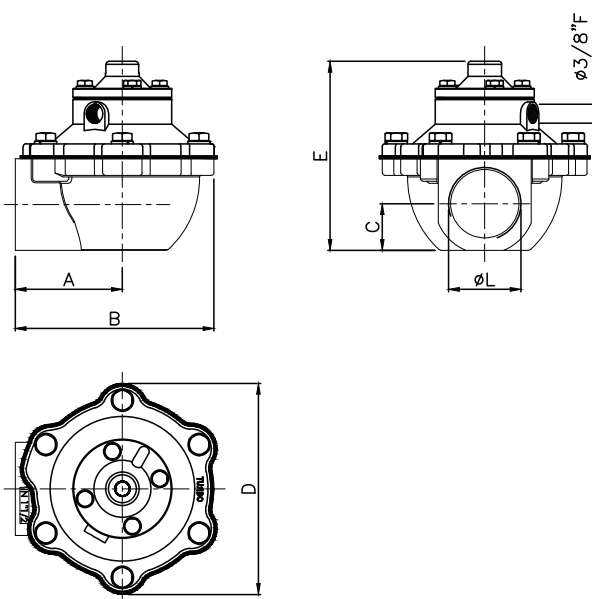


Overall dimensions / F Series **F**

FP45



FM45



Model	Ø L (nom)	A	B	C	D	E	Weight (Kg)
FP 45	1"½	71,3	135	31	140	~180	1,6
FM 45	1"½	71,3	135	31	140	~122	1,4



CHARACTERISTICS

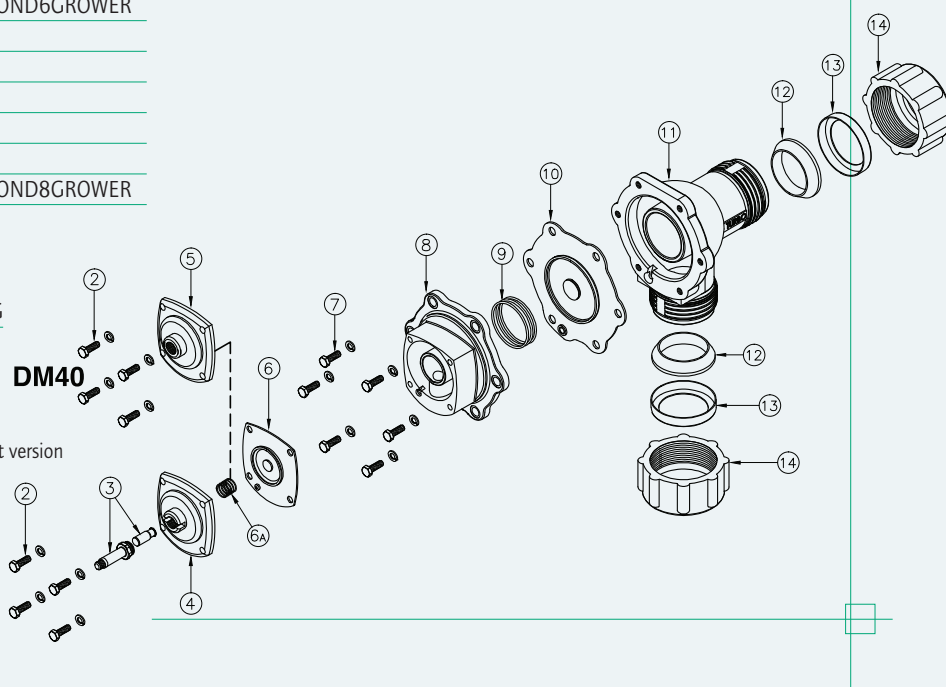
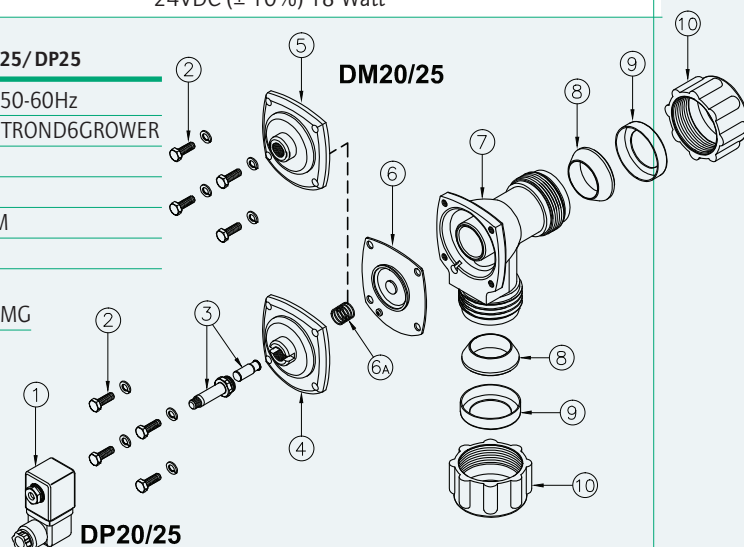
Fluid	Filtered and oilfree compressed air
Temperature range	STD diaphragm -20°C; +80°C Viton diaphragm -20°C; +200°C
Operating pressure	min 0,5 bar - max 7,5 bar
Body and cover	Die cast aluminium
Core tube	Stainless steel
Plunger	Stainless steel
Screws	Stainless steel
Coil insulation	Class H
Din's connector	PG 9 EN175301-803
Protection Din's connector + Coil	IP65 EN60529
Standard voltage	24V/50-60Hz (±10%) 19VA 115V/50-60Hz (±10%) 19VA 230V/50-60Hz (±10%) 19VA 24VDC (± 10%) 18 Watt

DESCRIPTION	VALVE DM20/DP20	VALVE DM25/DP25
1 Coil +Din Connector	BH10...V/50-60Hz	BH10...V/50-60Hz
2 Screws + Washers	VTE6x20+TROND6GROWER	VTE6x20+TROND6GROWER
3 Pole assembly	GPC10	GPC10
4 Cover direct drive	TCOP25	TCOP25
5 Remote operated cover	TCOP25FM	TCOP25FM
6 Diaphragm	M25	M25
6a Spring	TMOL10G	TMOL10G
7 Body	TCOR20/25MMG	TCOR25MMG
8 Conical seal	GCON20	GCON 25
9 Retainer ring	OG20	OG25
10 Compression nut	TDAL20/25	TDAL25

DP Integral solenoid pilot version / DM Remote pilot version

DESCRIPTION	VALVE DM40/DP40
1 Coil + Din Connector	BH10...V/50-60Hz
2 Screws + Washers	VTE6x20+TROND6GROWER
3 Pole assembly	GPC10
4 Cover direct drive	TCOP25
5 Remote operated cover	TCOP25FM
6 Diaphragm	M25
6a Spring	TMOL10G
7 Screws + Washers	VTE8x20+TROND8GROWER
8 Cover	TCOP40N
9 Spring	TMOL40
10 Main Diaphragm	M40
11 Body	TCOR40MMG
12 Conical seal	GCON40
13 Retainer ring	OG40
14 Compression nut	TDAL40

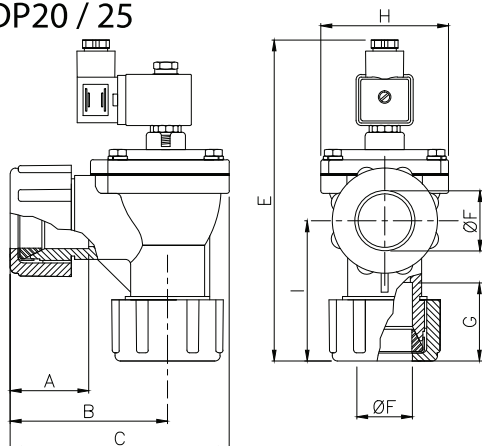
FP Integral solenoid pilot version / FM Remote pilot version



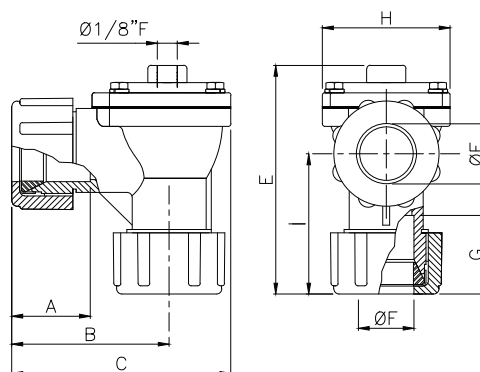
Overall dimensions / D Series

D

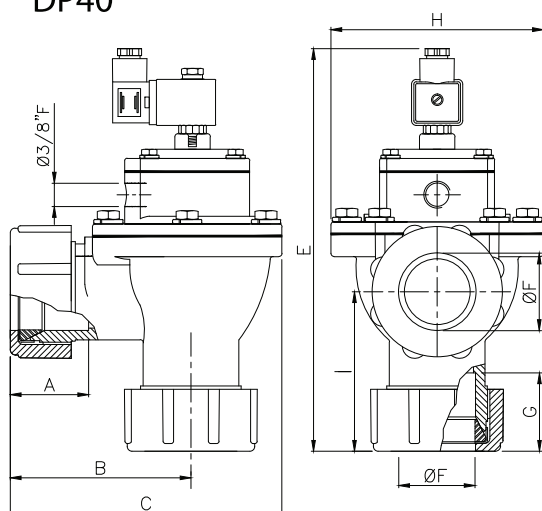
DP20 / 25



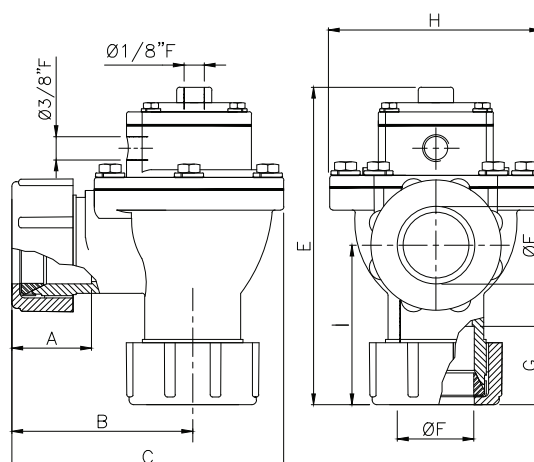
DM20 / 25



DP40



DM40



Dimensions A,B,C, could be change with the compression of the conical seal

Model	Ø L (nom)	A	B	C	E	ØF	G	H	I	Weight (Kg)
DP 20	3/4"	48	90	128	~189	28,5	48	74	80	1,1
DP 25	1"	48	90	128	~189	35	48	74	80	1
DP 40	1 1/2"	66	114	180	~264	50	66	140	101	2,5
DM 20	3/4"	48	90	128	~131	28,5	48	74	80	1,1
DM 25	1"	48	90	128	~131	35	48	74	80	0,9
DM 40	1 1/2"	66	114	180	~206	50	66	140	101	2,3



CHARACTERISTICS

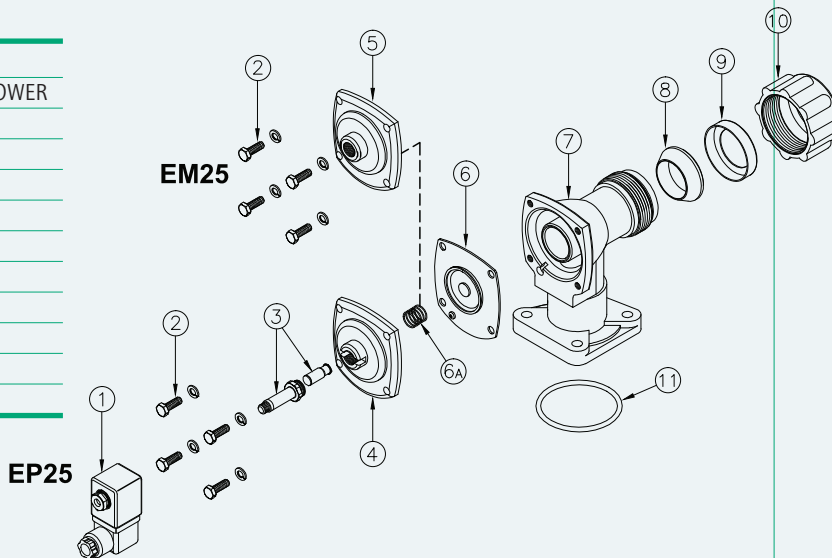
Fluid	Filtered and oilfree compressed air
Temperature range	STD diaphragm -20°C; +80°C Viton diaphragm -20°C; +200°C
Operating pressure	min 0,5 bar - max 7,5 bar
Body and cover	Die cast aluminium
Core tube	Stainless steel
Plunger	Stainless steel
Screws	Stainless steel
Coil insulation	Class H
Din's connector	PG 9 EN175301-803
Protection Din's connector + Coil	IP65 EN60529
Standard voltage	24V/50-60Hz (±10%) 19VA 115V/50-60Hz (±10%) 19VA 230V/50-60Hz (±10%) 19VA 24VDC (± 10%) 18 Watt

DESCRIPTION

VALVE EM25/EP25

1	Coil + Din Connector	BH10...V/50-60Hz
2	Screws + Washers	VTE6x20+TROND6GROWER
3	Pole assembly	GPC10
4	Cover direct drive	TCOP25/EM
5	Remote operated cover	TCOP25FM/EM
6	Diaphragm	M25/EM/EP
6a	Spring	TMOL10G
7	Body	TCOR25FMG
8	Conical seal	G CON25
9	Retainer ring	OG25
10	Compression nut	TDAL25
11	O-ring	G OR55x6

EP Integral solenoid pilot version
EM Remote pilot version

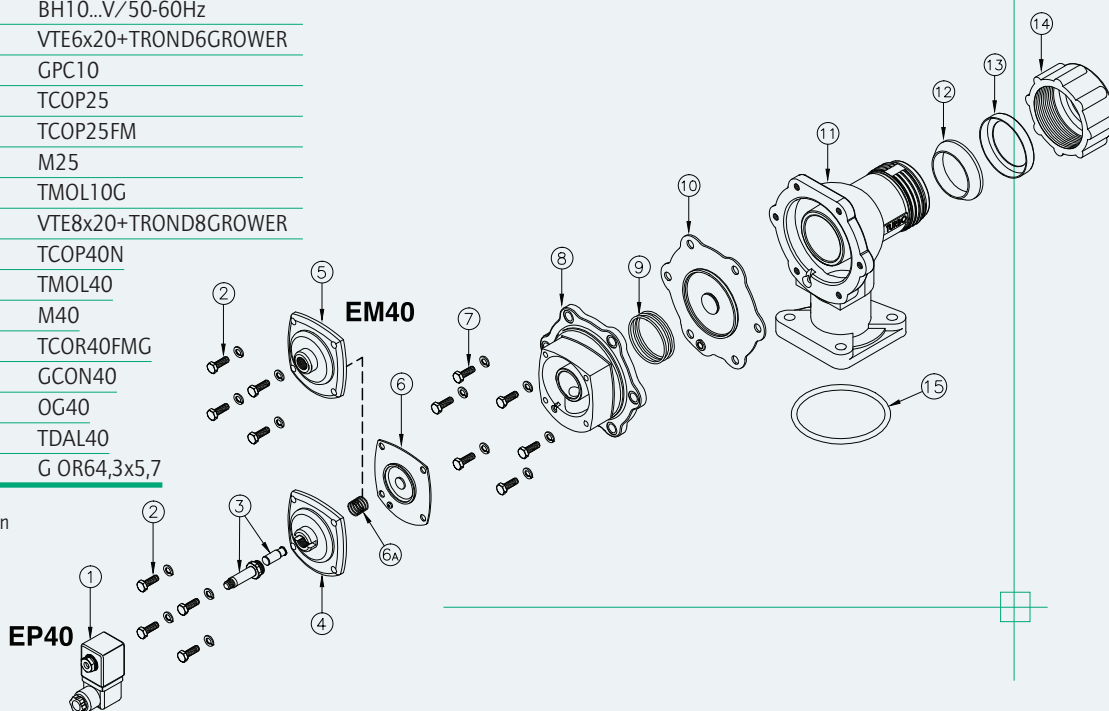


DESCRIPTION

VALVE EM40/EP40

1	Coil + Din Connector	BH10...V/50-60Hz
2	Screws + Washers	VTE6x20+TROND6GROWER
3	Pole assembly	GPC10
4	Cover direct drive	TCOP25
5	Remote operated cover	TCOP25FM
6	Diaphragm	M25
6a	Spring	TMOL10G
7	Screws + Washers	VTE8x20+TROND8GROWER
8	Cover	TCOP40N
9	Spring	TMOL40
10	Main diaphragm	M40
11	Body	TCOR40FMG
12	Conical seal	GCON40
13	Retainer ring	OG40
14	Compression nut	TDAL40
15	O-ring	G OR64,3x5,7

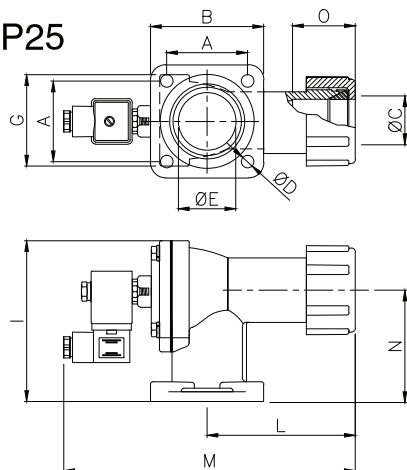
EP Integral solenoid pilot version
EM Remote pilot version



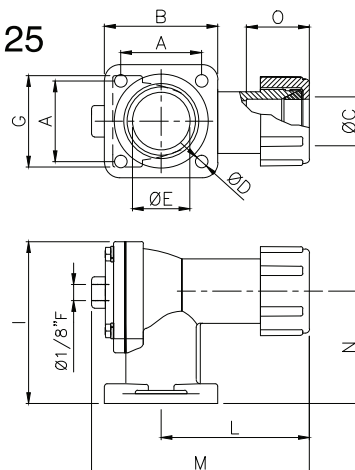
Overall dimensions / D Series

E

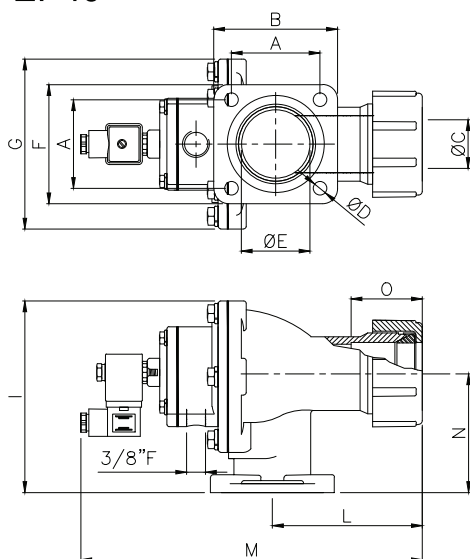
EP25



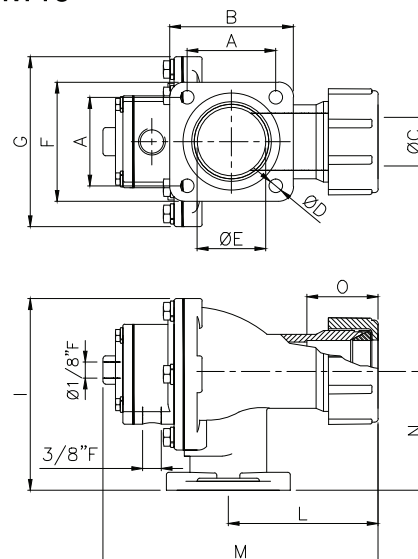
EM25



EP40



EM40



Model	Ø C	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	119	106	159	81	1 1/2"	0,9
EM 40	1 1/2"	72	99	11	96	140	160	115	220	96	2"	2,1

SQ

SQ Series - Ø 1"



CHARACTERISTICS

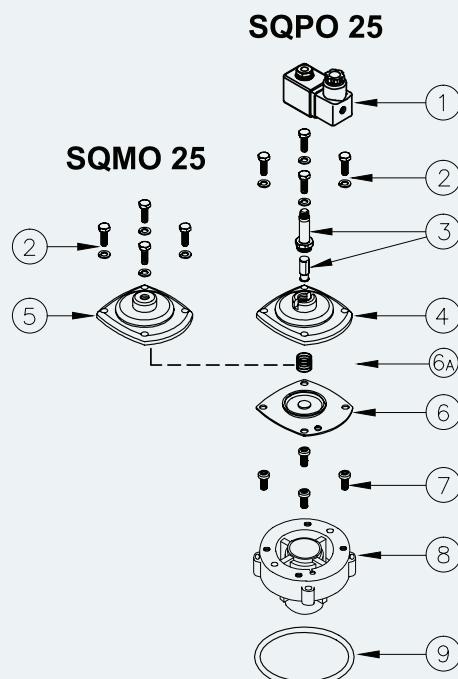
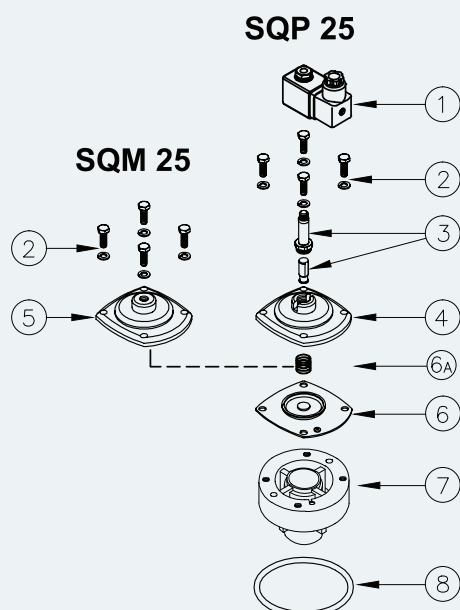
Fluid	Filtered and oilfree compressed air
Temperature range	STD diaphragm -20°C; +80°C Viton diaphragm -20°C; +200°C
Operating pressure	min 0,5 bar - max 7,5 bar
Body and cover	Die cast aluminium
Core tube	Stainless steel
Plunger	Stainless steel
Screws	Stainless steel
Coil insulation	Class H
Din's connector	PG 9 EN175301-803
Protection Din's connector + Coil	IP65 EN60529
Standard voltage	24V/50-60Hz (±10%) 19VA 115V/50-60Hz (±10%) 19VA 230V/50-60Hz (±10%) 19VA 24VDC (± 10%) 18 Watt

DESCRIPTION	VALVE SQM25/SQP25
1 Coil + Din Connector	BH10...V/50-60Hz
2 Screws + Washers	VTE6x20+TROND6GROWER
3 Pole assembly	GPC10
4 Cover direct drive	TCOP25
5 Remote operated cover	TCOP25FM
6 Diaphragm	M25
6a Spring	TMOL10G
7 Body	TCOR25IM
8 O-ring	G OR65x4

SQP Integral solenoid pilot version / **SQM** Remote pilot version

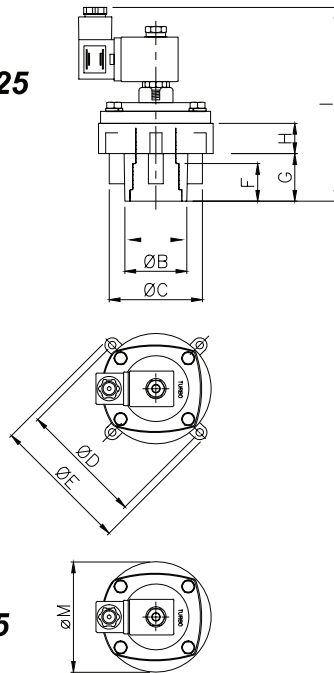
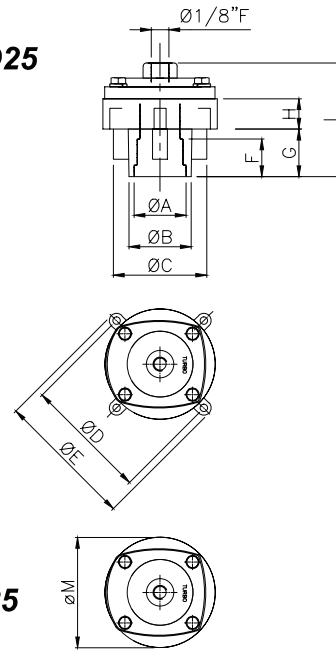
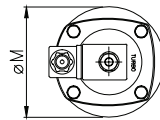
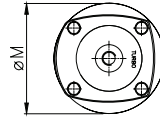
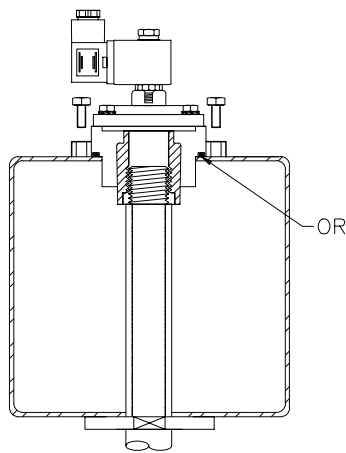
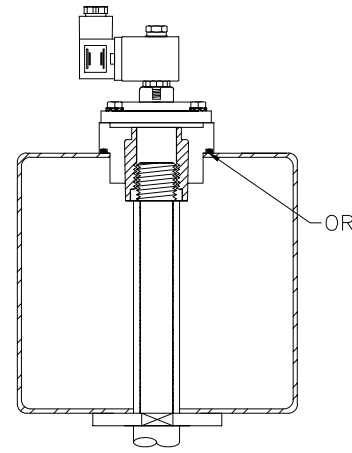
DESCRIPTION	VALVE SQMO25/SQPO25
1 Coil + Din Connector	BH10...V/50-60Hz
2 Screws + Washers	VTE6x20+TROND6GROWER
3 Pole assembly	GPC10
4 Cover direct drive	TCOP25
5 Remote operated cover	TCOP25FM
6 Diaphragm	M25
6a Spring	TMOL10G
7 Screws	VTCEI6x16
8 Body	TCOR25IMO
9 O-ring	G OR65x4

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



Overall dimensions / SQ Series

SQ

SQPO25**SQMO25****SQP25****SQM25****Mounting SQPO25 / SQMO25****Mounting SQP25 / SQM25**

Model	$\varnothing A$	$\varnothing B$	$\varnothing C$	$\varnothing D$	$\varnothing E$	$\varnothing M$	F	G	H	I	L	Weight (Kg)
SQPO 25	1"	41,4	62,2	104	116	92	25	31,5	20,2	136	6,2	0,7
SQP 25	1"	41,4	62,2	104	116	92	25	31,5	20,2	136	6,2	0,7
SQMO 25	1"	41,4	62,2	104	116	92	25	31,5	20,2	78	6,2	0,5
SQM 25	1"	41,4	62,2	104	116	92	25	31,5	20,2	78	6,2	0,5

SQ

SQ Series - Ø 1" 1/2



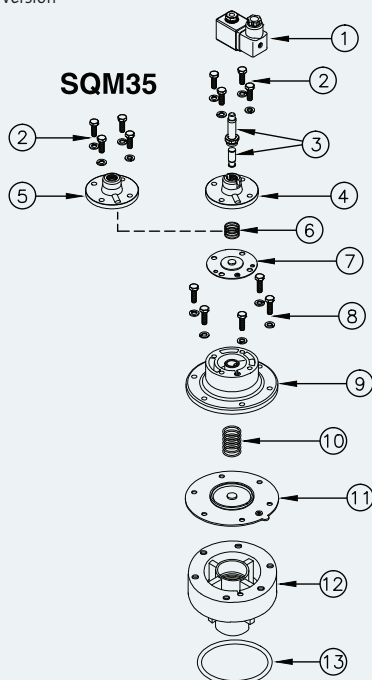
CHARACTERISTICS

Fluid	Filtered and oilfree compressed air
Temperature range	STD diaphragm -20°C; +80°C Viton diaphragm -20°C; +200°C
Operating pressure	min 0,5 bar - max 7,5 bar
Body and cover	Die cast aluminium
Core tube	Stainless steel
Plunger	Stainless steel
Screws	Stainless steel
Coil insulation	Class H
Din's connector	PG 9 EN175301-803
Protection Din's connector + Coil	IP65 EN60529
Standard voltage	24V/50-60Hz (±10%) 19VA 115V/50-60Hz (±10%) 19VA 230V/50-60Hz (±10%) 19VA 24VDC (± 10%) 18 Watt

DESCRIPTION	VALVE SQM35/SQP35
1 Coil + Din Connector	BH10...V/50-60Hz
2 Screws + Washers	VTE6x18+TROND6GROWER
3 Pole assembly	GPC10
4 Cover direct drive	TCOP10
5 Remote operated cover	TCOP10FM
6 Spring	TMOL10G
7 Diaphragm	M10
8 Screws + Washers	VTE6x20+TROND6GROWER
9 Cover	TCOP35N
10 Spring	TMOL25GHS
11 Diaphragm	M35
12 Body	TCOR35FMG
13 O-ring	G OR6337

SQP Integral solenoid pilot version
SQM Remote pilot version

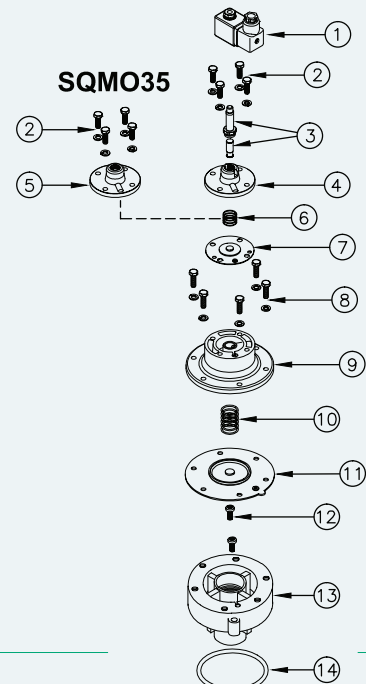
SQP35

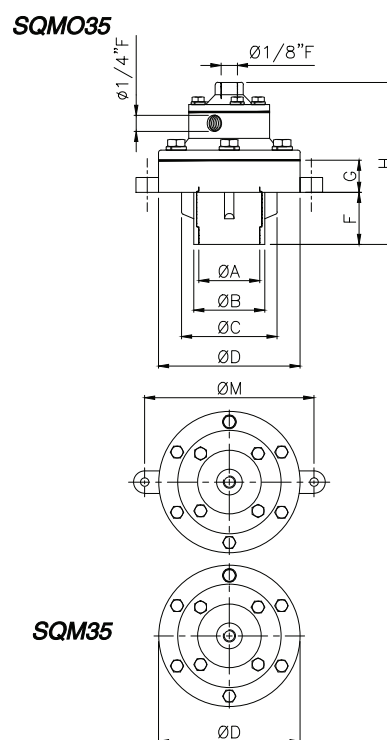
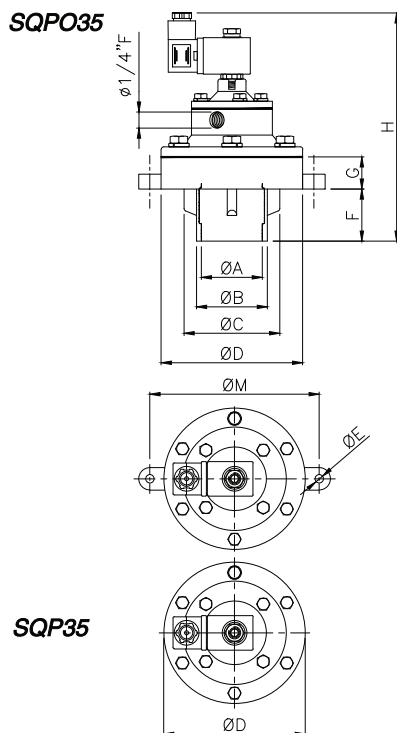
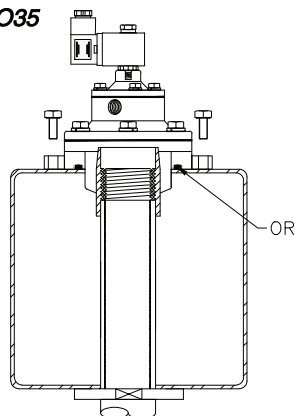
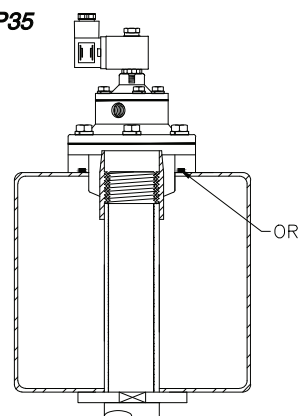


DESCRIPTION	VALVE SQO35/SQPO35
1 Coil + Din Connector	BH10...V/50-60Hz
2 Screws + Washers	VTE6x18+TROND6GROWER
3 Pole assembly	GPC10
4 Cover direct drive	TCOP10
5 Remote operated cover	TCOP10FM
6 Spring	TMOL10G
7 Diaphragm	M10
8 Screws + Washers	VTE6x20+TROND6GROWER
9 Cover	TCOP35N
10 Spring	TMOL25GHS
11 Diaphragm	M35
12 Screws	VTCE18x20
13 Body	TCOR35FMGS
13 O-ring	G OR6337

SQPO Integral solenoid pilot version
SQMO Remote pilot version

SQPO35



Overall dimensions / SQ Series - $\varnothing 1\frac{1}{2}$ **SQ**Mounting **SQPO35**Mounting **SQP35**

Model	$\varnothing A$	$\varnothing B$	$\varnothing C$	$\varnothing D$	$\varnothing E$	F	G	H	M	Weight (Kg)
SQP 35	$1\frac{1}{2}$	57	80,5	114	9	42	26	162	130	1,6
SQPO 25	$1\frac{1}{2}$	57	80,5	114	9	42	26	162	130	1,6
SQM 35	$1\frac{1}{2}$	57	80,5	114	9	42	26	104	130	1,4
SQMO 35	$1\frac{1}{2}$	57	80,5	114	9	42	26	104	130	1,4

SQ SQ Series - Ø 2" - 2"½ - 3" - 4"



CHARACTERISTICS

Fluid	Filtered and oilfree compressed air
Temperature range	STD diaphragm -20°C; +80°C Viton diaphragm -20°C; +200°C
Operating pressure	min 0,5 bar - max 7,5 bar
Body and cover	Die cast aluminium
Core tube	Stainless steel
Plunger	Stainless steel
Screws	Stainless steel
Coil insulation	Class H
Din's connector	PG 9 EN175301-803
Protection Din's connector + Coil	IP65 EN60529
Standard voltage	24V/50-60Hz (±10%) 19VA 115V/50-60Hz (±10%) 19VA 230V/50-60Hz (±10%) 19VA 24VDC (± 10%) 18 Watt

DESCRIPTION	VALVE SQM50/ SQP50
1 Coil + Din Connector	BH10...V/50-60Hz
2 Screws + Washers	VTE6x20+TROND6GROWER
3 Pole assembly	GPC10
4 Cover direct drive	TCOP25
5 Remote operated cover	TCOP25FM
6 Diaphragm	M25
6a Spring	TMOL10G
7 Screws + Washers	VTE10x25+TROND10GROWER
8 Cover	TCOP50G
9 Spring	TMOL40
10 Diaphragm	M50
11 Body	TCOR50FG
12 O-ring	G OR133,35x5,3

SQP Integral solenoid pilot version

SQM Remote pilot version

DESCRIPTION	VALVE SQM65IN/ SQP65IN
1 Coil + Din Connector	BH10...V/50-60Hz
2 Screws + Washers	VTE6x20+TROND6GROWER
3 Pole assembly	GPC10
4 Cover direct drive	TCOP25
5 Remote operated cover	TCOP25FM
6 Diaphragm	M25
6a Spring	TMOL10G
7 Screws + Washers	VTE10x25+TROND10GROWER
8 Cover	TCOP65G
9 Spring	TMOL40
10 Diaphragm	M55/LP
11 Body	TCOR65FLQ
12 O-ring	G OR177,17x6,99

SQP Integral solenoid pilot version

SQM Remote pilot version

DESCRIPTION	VALVE SQM75IN/ SQP75IN
1 Coil + Din Connector	BH10...V/50-60Hz
2 Screws + Washers	VTE6x20+TROND6GROWER
3 Pole assembly	GPC10
4 Cover direct drive	TCOP25
5 Remote operated cover	TCOP25FM
6 Diaphragm	M25
6a Spring	TMOL10G
7 Screws + Washers	VTE10x25+TROND10GROWER
8 Cover	TCOP65G
9 Spring	TMOL40
10 Diaphragm	M76
11 Body	TCOR75FLQ
12 O-ring	G OR177,17x6,99

SQP Integral solenoid pilot version

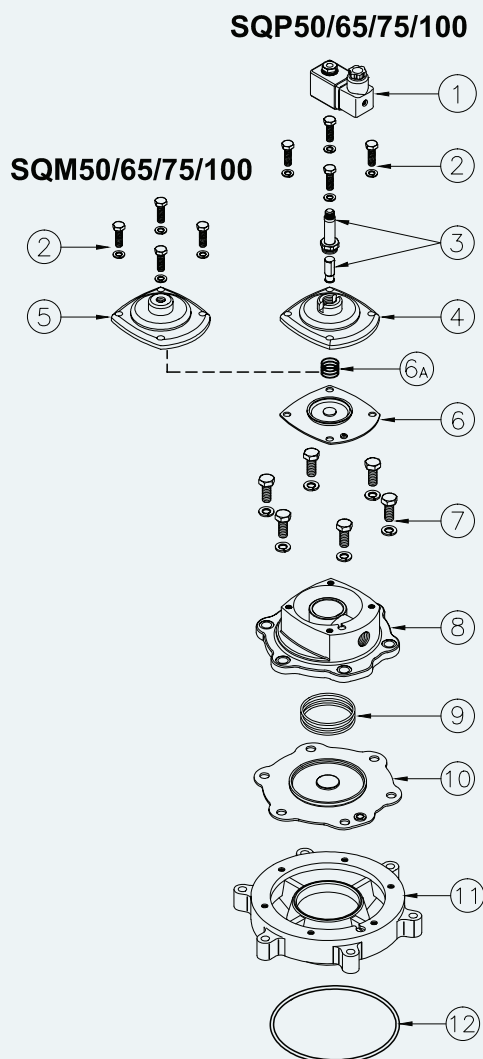
SQM Remote pilot version

DESCRIPTION	VALVE SQM100IN/ SQP100IN
1 Coil + Din Connector	BH10...V/50-60Hz
2 Screws + Washers	VTE6x20+TROND6GROWER
3 Pole assembly	GPC10
4 Cover direct drive	TCOP25
5 Remote operated cover	TCOP25FM
6 Diaphragm	M25/BW
6a Spring	TMOL10G
7 Screws + Washers	VTE10x25+TROND10GROWER
8 Cover	TCOP65G
9 Spring	TMOL40
10 Diaphragm	M76
11 Body	TCOR100FLQ
12 O-ring	G OR177,17x6,99

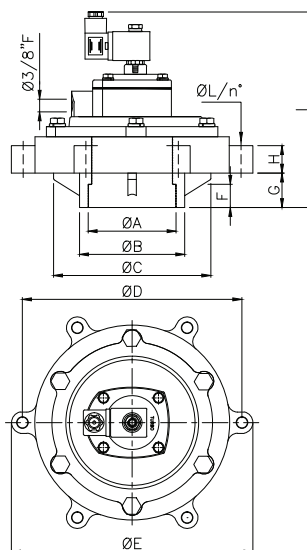
SQP Integral solenoid pilot version

SQM Remote pilot version

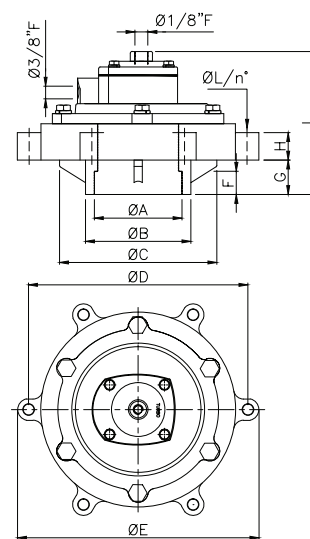
Overall dimensions / SQ Series - Ø 2" - 2"½ - 3" - 4" **SQ**



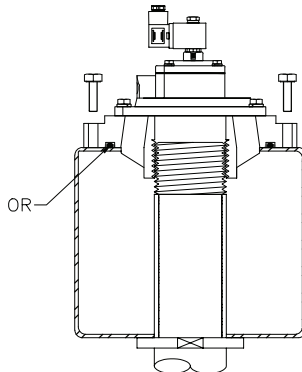
SQP50/65/75/100



SQM50/65/75/100

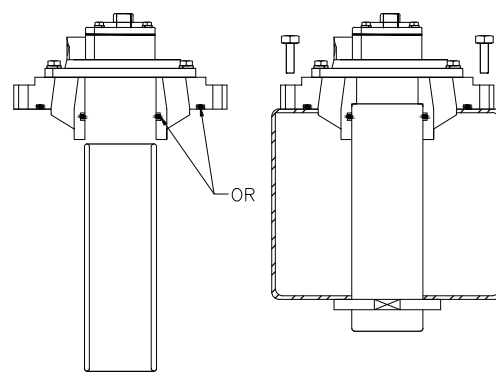


Mounting
SQP50 / SQM50



Mounting

SQP65 / SQM65 PUSH IN
SQP75 / SQM75 PUSH IN
SQP100 / SQM100 PUSH IN



Model	Ø A	Ø B	Ø C	Ø D	Ø E	F	G	H	I	L	Weight (Kg)
SQP 50	2"	83	126	175	195	39	60	20	211	11	2,4
SQP 65IN	2"½	107,5	161	225	247	44	35,5	27	205	11	3,9
SQP 75IN	3"	107,5	161	225	247	50	35,5	27	205	11	3,7
SQP 100IN	4"	119,5	161	225	247	44	35,5	27	205	11	3,8
SQM 50	2"	83	126	175	195	39	60	20	153	11	2,2
SQM 65IN	2"½	107,5	161	225	247	44	35,5	27	147	11	3,7
SQM 75IN	3"	107,5	161	225	247	50	35,5	27	147	11	3,5
SQM 100IN	4"	119,5	161	225	247	44	35,5	27	148	11	3,6

FD

FD Series Ø1"



CHARACTERISTICS

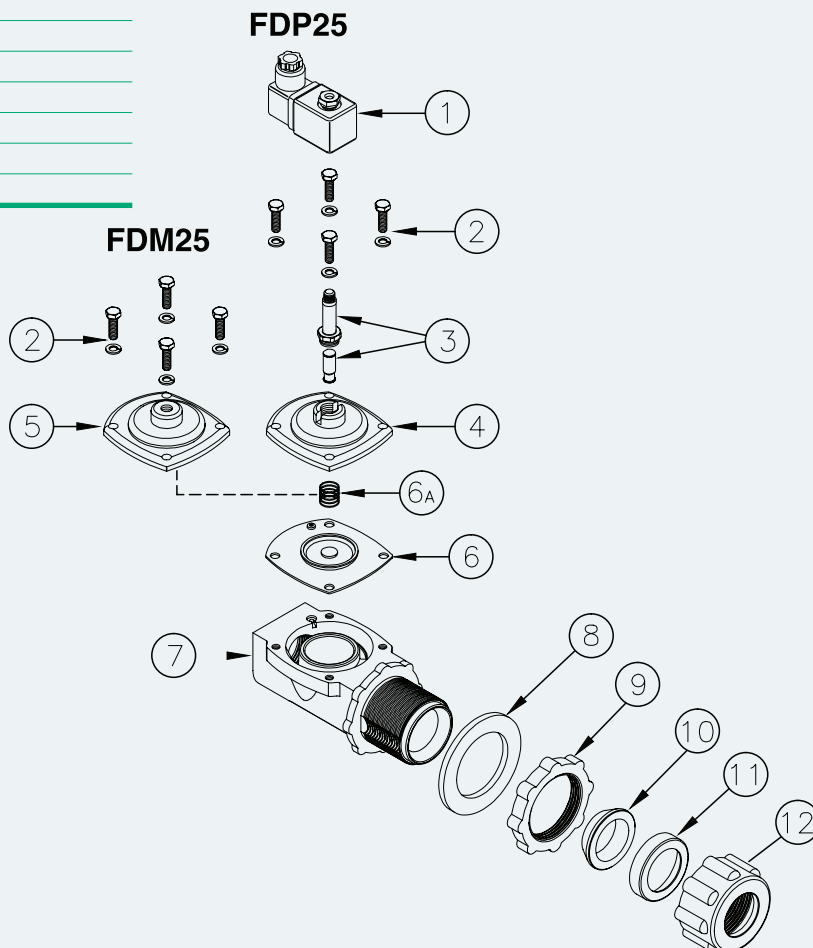
Fluid	Filtered and oilfree compressed air
Temperature range	STD diaphragm -20°C; +80°C Viton diaphragm -20°C; +200°C
Operating pressure	min 0,5 bar - max 7,5 bar
Body and cover	Die cast aluminium
Core tube	Stainless steel
Plunger	Stainless steel
Screws	Stainless steel
Coil insulation	Class H
Din's connector	PG 9 EN175301-803
Protection Din's connector + Coil	IP65 EN60529
Standard voltage	24V/50-60Hz (±10%) 19VA 115V/50-60Hz (±10%) 19VA 230V/50-60Hz (±10%) 19VA 24VDC (± 10%) 18 Watt

DESCRIPTION

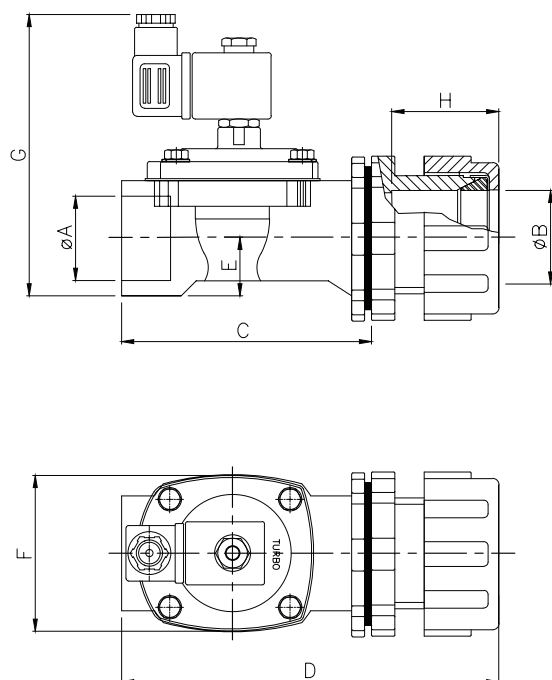
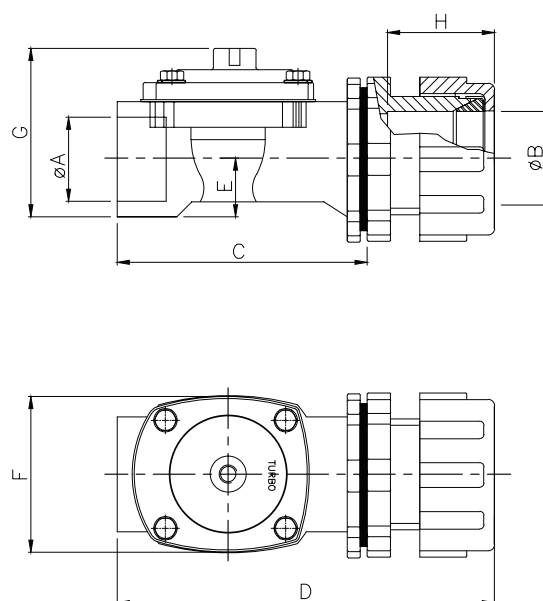
VALVE FDM25/FDP25

1	Coil + Din Connector	BH10...V/50-60Hz
2	Screws + Washers	VTE6x20+TROND6GROWER
3	Pole assembly	GPC10
4	Cover direct drive	TCOP25
5	Remote operated cover	TCOP25FM
6	Diaphragm	M25
6a	Spring	TMOL10G
7	Body	TCOR25FLG
8	Gasket	TRON80x53x5
9	Lock nut	TGBA25
10	Conical seal	G CON25
11	Retainer ring	OG25
12	Compression Nut	TDAL25

FDP Integral solenoid pilot version
FDM Remote pilot version



Overall dimensions / FD Series - Ø1"

FD
FDP/FDM with compression fitting
FDP25

FDM25


Model	Ø A	Ø B	Ø C	Ø D	Ø E	F	G	H	Weight (Kg)
FDP25	1"1/4	1"	114	172	27	74	132	49,5	1,2
FDM25	1"1/4	1"	114	172	27	74	74	49,5	1

FD

FD Series Ø1"1/2



CHARACTERISTICS

Fluid	Filtered and oilfree compressed air
Temperature range	STD diaphragm -20°C; +80°C Viton diaphragm -20°C; +200°C
Operating pressure	min 0,5 bar - max 7,5 bar
Body and cover	Die cast aluminium
Core tube	Stainless steel
Plunger	Stainless steel
Screws	Stainless steel
Coil insulation	Class H
Din's connector	PG 9 EN175301-803
Protection Din's connector + Coil	IP65 EN60529
Standard voltage	24V/50-60Hz (±10%) 19VA 115V/50-60Hz (±10%) 19VA 230V/50-60Hz (±10%) 19VA 24VDC (± 10%) 18 Watt

DESCRIPTION

VALVE FDM35/FDP35

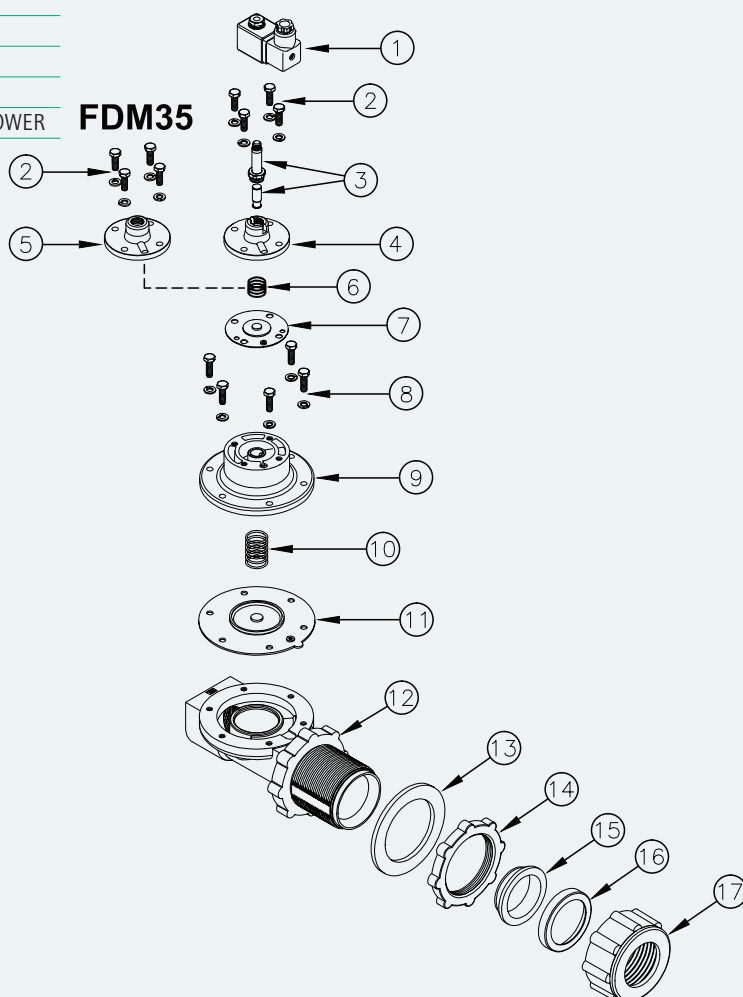
1	Coil + Din Connector	BH10...V/50-60Hz
2	Screws + Washers	VTE6x18+TROND6GROWER
3	Pole assembly	GPC10
4	Cover direct drive	TCOP10
5	Remote operated cover	TCOP10FM
6	Spring	TMOL10G
7	Diaphragm	M10
8	Screws + Washers	VTE6x20+TROND6GROWER
9	Cover	TCOP35N
10	Spring	TMOL25GHS
11	Diaphragm	M35
12	Body	TCOR35FLG
13	Gasket	TRON100x70x5
14	Lock nut	TGBA40
15	Conical seal	G CON40
16	Retainer ring	OG40
17	Compression Nut	TDAL40

FDP Integral solenoid pilot version

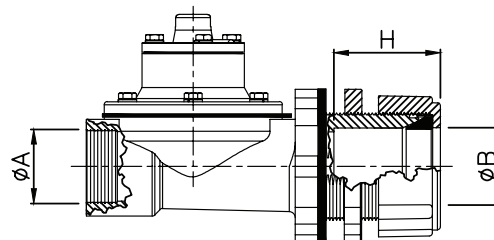
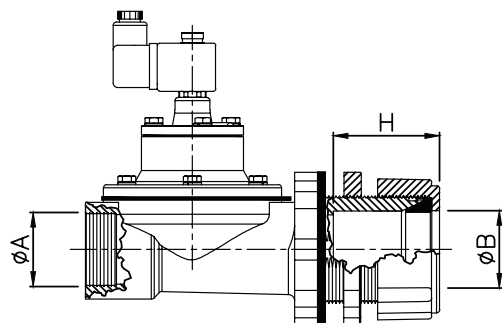
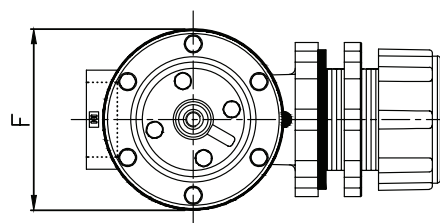
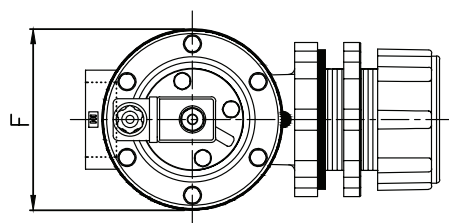
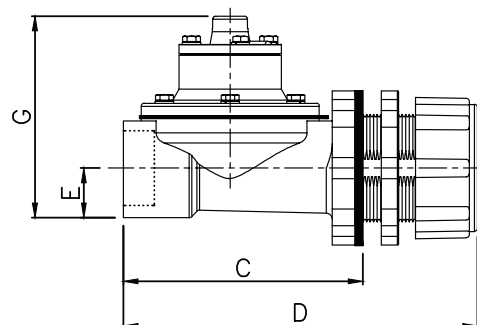
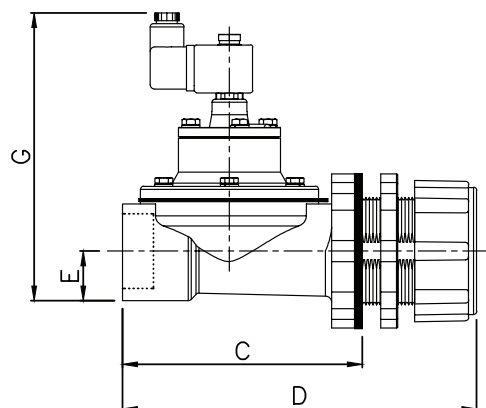
FDM Remote pilot version

FDP35

FDM35



Overall dimensions / FD Series - Ø1" 1/2 **FD**



Model	Ø A	Ø B	C	D	E	F	G	H	Weight (Kg)
FDP35	2"	1"1/2	155	228	32	115	186	67,5	2,3
FDM35	2"	1"1/2	155	228	32	115	131	67,5	2,1

