

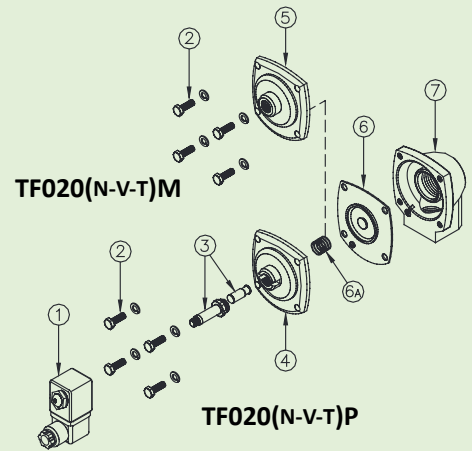
VALVES WITH THREADED CONNECTORS - TF SERIES - Ø 3/4"-1"-1 1/2"-2"-2 1/2"



FEATURES

Fluids	Non-lubricated filtered air
Operating temperature	Neoprene diaphragm -20°C +80°C
	Viton diaphragm -20°C +200°C
	Low T. diaphragm -40°C; +80°C
Operating pressure	between 0.5 and 7.5 bar
Body and cover	Die-cast aluminium
Pilot core	Stainless steel
Screws and bolts	Stainless steel
Coil insulation	Class H
Connector	PG 9 EN175301-803
Connector + coil protection	IP65 EN60529
Standard voltage	24V/50-60Hz (±10%) 19VA
	115V/50-60Hz (±10%) 19VA
	230V/50-60Hz (±10%) 19VA
	24VDC (± 10%) 18 Watt

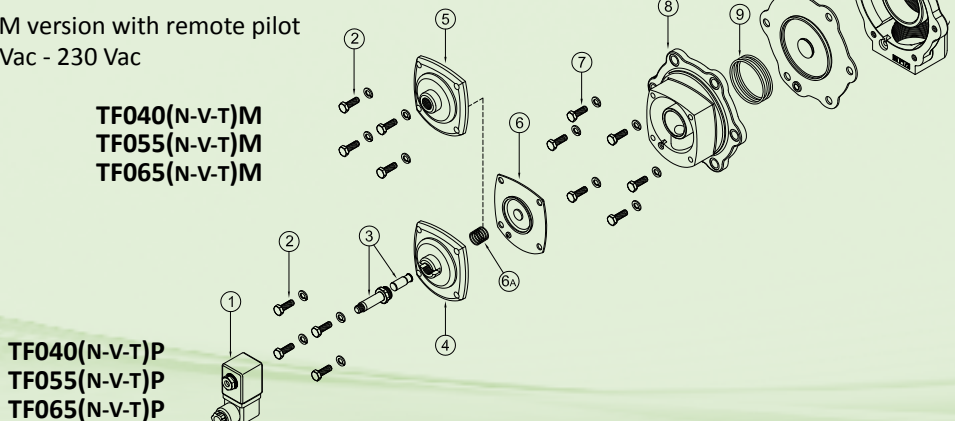
DESCRIPTION	TF020(N-V-T)P / TF020(N-V-T)M	TF025(N-V-T)P / TF025(N-V-T)M
1 Coil - Connector	BH10 V## / V##	BH10 V## / V##
2 Screws - Washers	TKITVTE06X20X4	TKITVTE06X20X4
3 Pilot unit	1331080	1331080
4 Pilot cover	1251750	1251750
5 Remote cover	1251770	1251770
6 Diaphragm (N-V-T)	TKISM025N Neoprene	TKISM025N Neoprene
	TKISM025V Viton	TKISM025V Viton
	TKISM025T Low temperature	TKISM025T Low temperature
6a Diaphragm spring	3241002	3241002
7 Valve body	1251120	1251190



TFP version with built-in pilot / TFM version with remote pilot

DESCRIPTION	TF040(N-V-T)P	TF055(N-V-T)P	TF065(N-V-T)P
	TF040(N-V-T)M	TF055(N-V-T)M	TF065(N-V-T)M
1 Coil + Connector	BH10 V## / V##	BH10 V## / V##	BH10 V## / V##
2 Screws + Washers	TKITVTE06X20X4	TKITVTE06X20X4	TKITVTE06X20X4
3 Pilot unit	1331080	1331080	1331080
4 Pilot cover	1251750	1251750	1251750
5 Remote cover	1251770	1251770	1251770
6 Secondary Diaphragm (N-V-T)	TKISM025N Neoprene	TKISM025N Neoprene	TKISM025N Neoprene
	TKISM025V Viton	TKISM025V Viton	TKISM025V Viton
	TKISM025T Low temperature	TKISM025T Low temperature	TKISM025T Low temperature
6a Diaphragm spring	3241002	3241002	3241002
7 Screws + Washers	TKITVTE08X20X6	TKITVTE10X25X6	TKITVTE10X25X6
8 Cover	1251620	1251660	1251660
9 Diaphragm spring	3241024	3241024	3241024
10 Primary Diaphragm (N-V-T)	TKISM040N Neoprene	TKISM055N Neoprene	TKISM065N Neoprene
	TKISM040V Viton	TKISM055V Viton	TKISM065V Viton
	TKISM040T Low temperature	TKISM055T Low temperature	TKISM065T Low temperature
11 Valve body	1251400	1251470	1251500

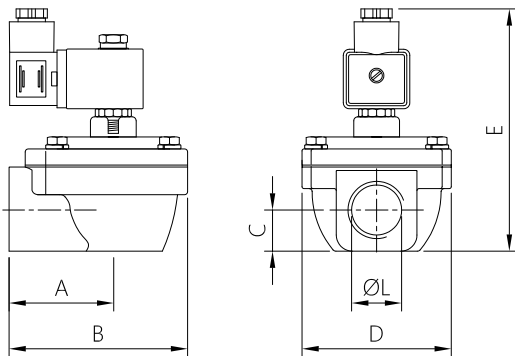
TFP version with built-in pilot / TFM version with remote pilot
V## / V## = 24 Vdc - 24 Vac - 115 Vac - 230 Vac



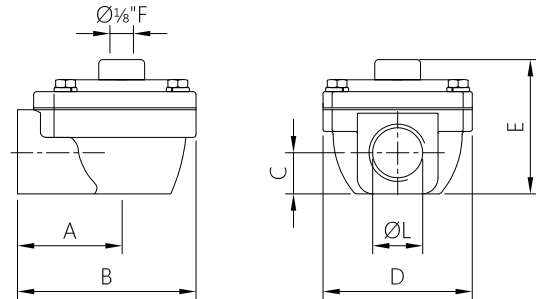
TF040(N-V-T)P
TF055(N-V-T)P
TF065(N-V-T)P

TF SERIES- $\varnothing \frac{3}{4}$ "-1"-1 $\frac{1}{2}$ "-2"-2 $\frac{1}{2}$ " - OVERALL DIMENSIONS

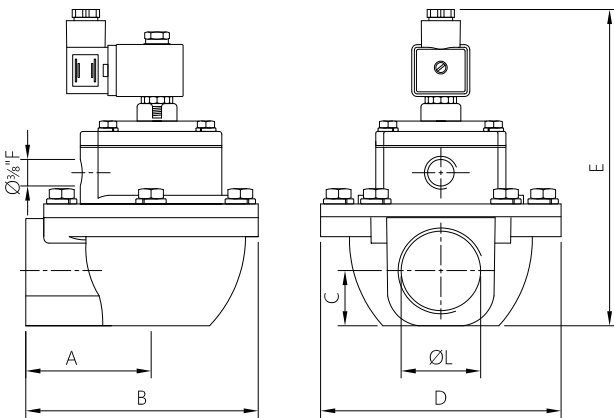
TF020(N-V-T)P / TF025(N-V-T)P



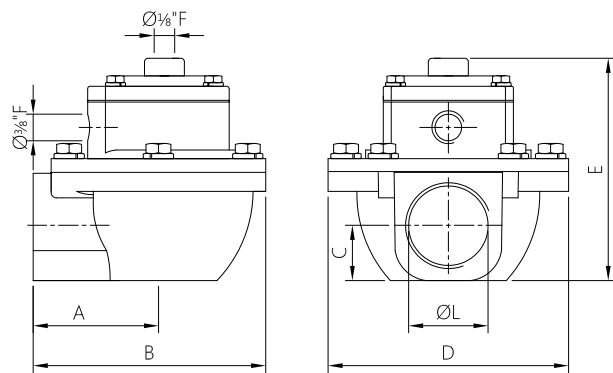
TF020(N-V-T)M / TF025(N-V-T)M



TF040(N-V-T)P / TF055(N-V-T)P / TF065(N-V-T)P



TF040(N-V-T)M / TF055(N-V-T)M / TF065(N-V-T)M



MODEL	$\varnothing L$ (nom)	A	B	C	D	E	Weight (kg)
TF020(N-V-T)P	$\frac{3}{4}$ "	52	90	20.5	74	~125	0.6
TF025(N-V-T)P	1"	52	90	20.5	74	~125	0.5
TF040(N-V-T)P	1 $\frac{1}{2}$ "	71.3	135	31	140	~188	1.6
TF055(N-V-T)P	2"	114	203	40	194	~225	3.7
TF065(N-V-T)P	2 $\frac{1}{2}$ "	114	203	48	194	~225	3.6
TF020(N-V-T)M	$\frac{3}{4}$ "	52	90	20.5	74	~67	0.4
TF025(N-V-T)M	1"	52	90	20.5	74	~67	0.3
TF040(N-V-T)M	1 $\frac{1}{2}$ "	71.3	135	31	140	~130	1.4
TF055(N-V-T)M	2"	114	203	40	194	~167	3.5
TF065(N-V-T)M	2 $\frac{1}{2}$ "	114	203	48	194	~167	3.4

Note: NPT threads also available.

Please contact our technical department for further information

VALVES WITH THREADED CONNECTORS - TF SERIES - Ø 1 ½"



FEATURES

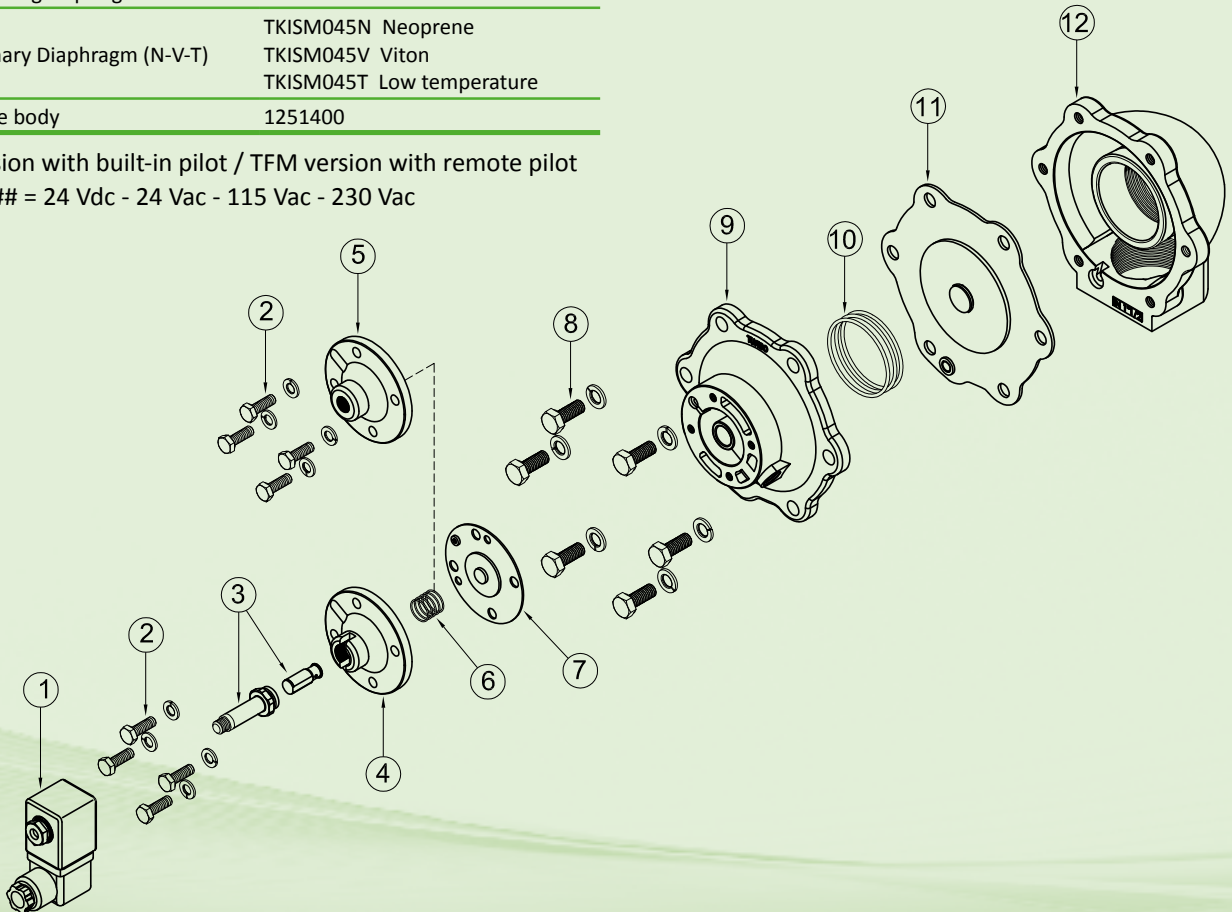
Fluids	Non-lubricated filtered air
Operating temperature	Neoprene diaphragm -20°C +80°C
	Viton diaphragm -20°C +200°C
	Low T. diaphragm -40°C; +80°C
Operating pressure	between 0.5 and 7.5 bar
Body and cover	Die-cast aluminium
Pilot core	Stainless steel
Screws and bolts	Stainless steel
Coil insulation	Class H
Connector	PG 9 EN175301-803
Connector + coil protection	IP65 EN60529
Standard voltage	24V/50-60Hz (±10%) 19VA
	115V/50-60Hz (±10%) 19VA
	230V/50-60Hz (±10%) 19VA
	24VDC (± 10%) 18 Watt

DESCRIPTION

TF045(N-V-T)P / TF045(N-V-T)M

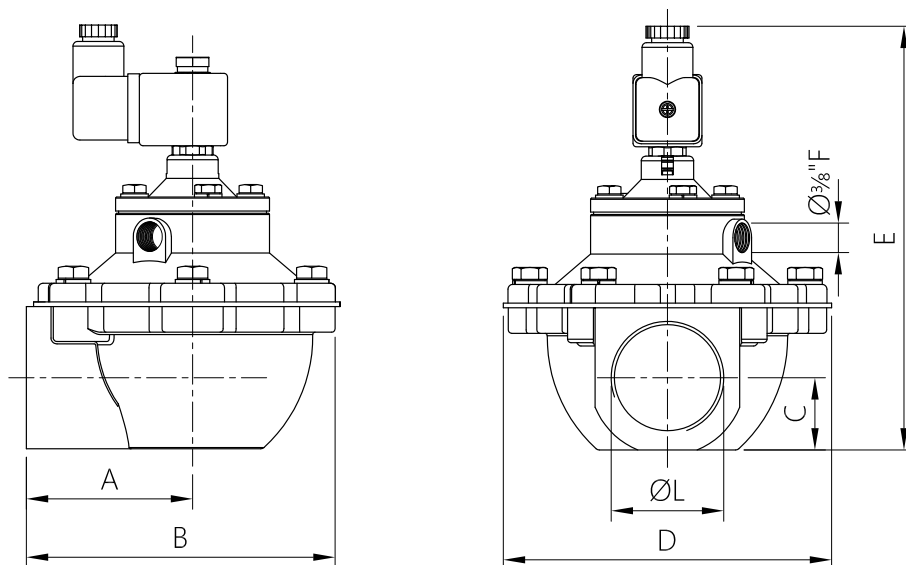
1	Coil - Connector	BH10 V## / V##	
2	Screws - Washers	TKITVTE06X18X4	
3	Pilot unit	1331080	
4	Pilot cover	1251715	
5	Remote cover	1251745	
6	Diaphragm spring	3241006	
7	Secondary diaphragm (N-V-T)	TKISM010N Neoprene TKISM010V Viton TKISM010T Low temperature	
	8	Screws - Washers	TKITVTE08X20X6
	9	Cover	1251840
10	Diaphragm spring	3241024	
11	Primary Diaphragm (N-V-T)	TKISM045N Neoprene TKISM045V Viton TKISM045T Low temperature	
	12	Valve body	1251400

TFP version with built-in pilot / TFM version with remote pilot
 V## / V## = 24 Vdc - 24 Vac - 115 Vac - 230 Vac

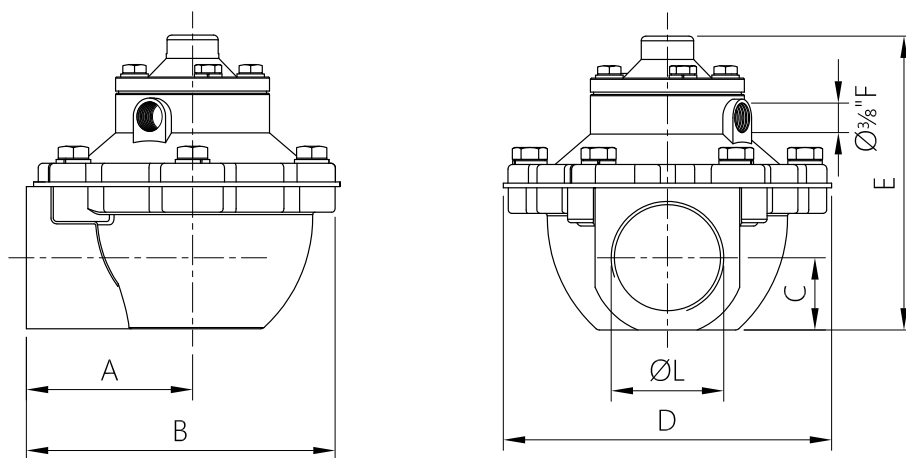


TF SERIES - Ø 1 ½" - OVERALL DIMENSIONS

TF045(N-V-T)P



TF045(N-V-T)M



MODEL	Ø L (nom)	A	B	C	D	E	Weight (kg)
TF045(N-V-T)P	1 ½"	71.3	135	31	140	~188	1.6
TF045(N-V-T)M	1 ½"	71.3	135	31	140	~122	1.4

VALVES WITH THREADED CONNECTORS - F SERIES - Ø 2"



FEATURES

Fluids	Non-lubricated filtered air
Operating temperature	Neoprene diaphragm -20°C +80°C
	Viton diaphragm -20°C +200°C
	Low T. diaphragm -40°C; +80°C
Operating pressure	between 0.5 and 7.5 bar
Body and cover	Die-cast aluminium
Pilot core	Stainless steel
Screws and bolts	Stainless steel
Coil insulation	Class H
Connector	PG 9 EN175301-803
Connector + coil protection	IP65 EN60529
Standard voltage	24V/50-60Hz (±10%) 19VA
	115V/50-60Hz (±10%) 19VA
	230V/50-60Hz (±10%) 19VA
	24VDC (± 10%) 18 Watt

Compact valve for installations with pitch of 160 mm

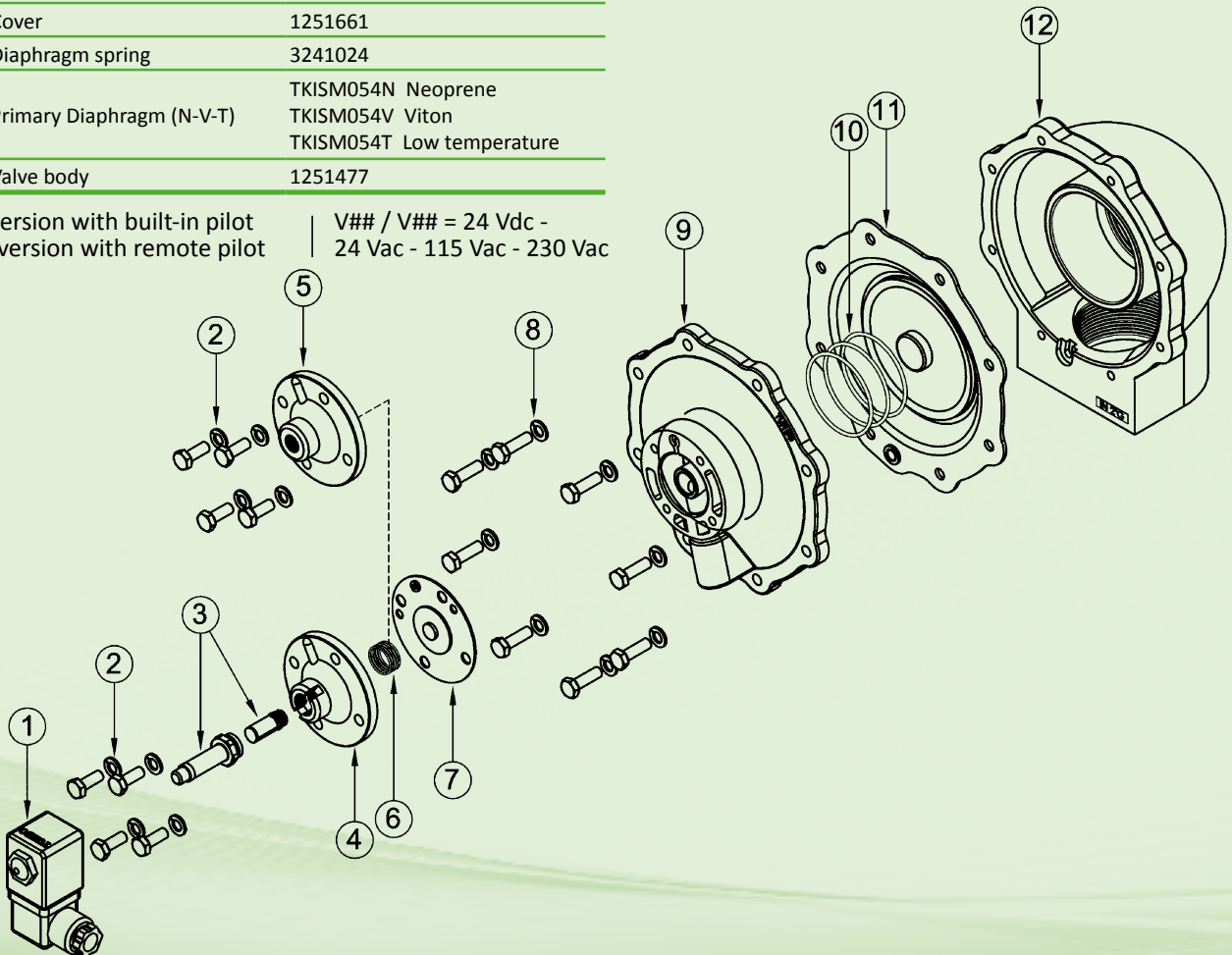
DESCRIPTION

TF054(N-V-T)P / TF054(N-V-T)M

1	Coil - Connector	BH10 V## / V##	
2	Screws - Washers	TKITVTE06X18X4	
3	Pilot unit	1331080	
4	Pilot cover	1251715	
5	Remote cover	1251745	
6	Diaphragm spring	3241006	
7	Secondary diaphragm (N-V-T)	TKISM010N Neoprene TKISM010V Viton TKISM010T Low temperature	
	8	Screws - Washers	TKITVTE08X20X6
	9	Cover	1251661
10	Diaphragm spring	3241024	
11	Primary Diaphragm (N-V-T)	TKISM054N Neoprene TKISM054V Viton TKISM054T Low temperature	
	12	Valve body	1251477

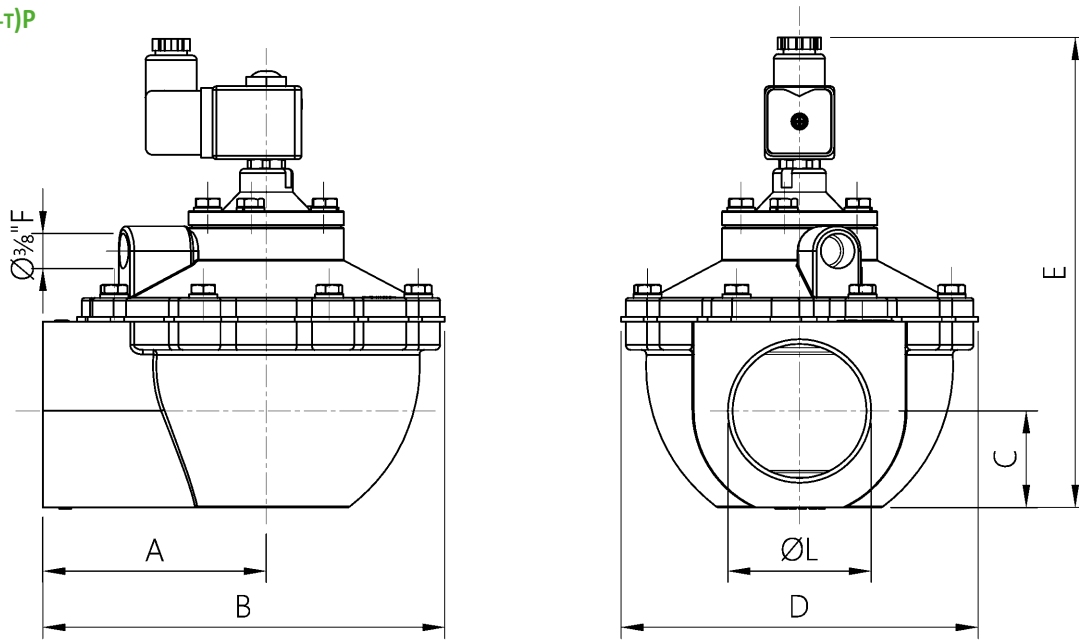
TFP version with built-in pilot
TFM version with remote pilot

V## / V## = 24 Vdc -
24 Vac - 115 Vac - 230 Vac

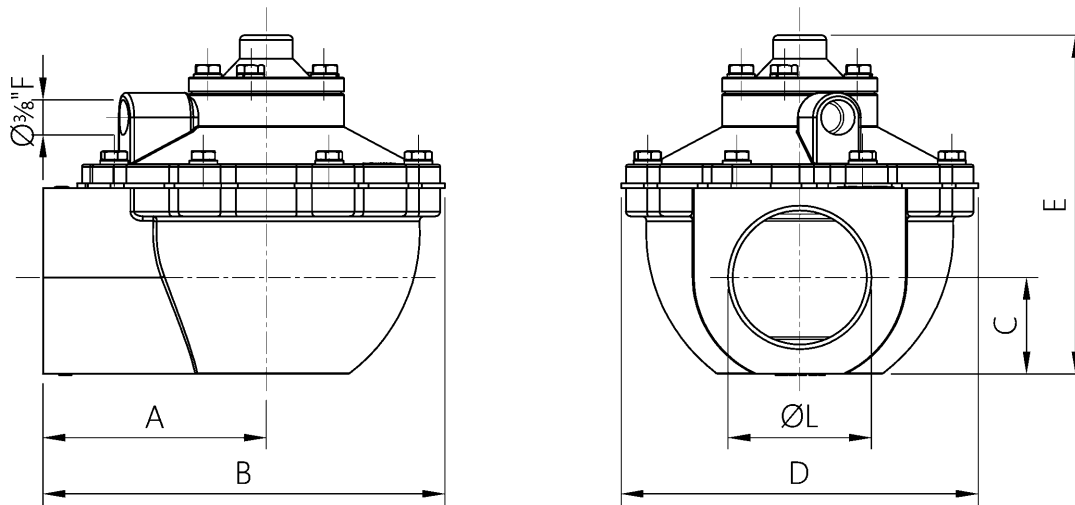


F SERIES - Ø 2" - OVERALL DIMENSIONS

TF054(N-V-T)P



TF054(N-V-T)M



MODEL	Ø L (nom)	A	B	C	D	E	Weight (kg)
TF054(N-V-T)P	2"	95	171	41	152	200	2
TF054(N-V-T)M	2"	95	171	41	152	145	1.8

VALVES WITH THREADED CONNECTORS - TF SERIES - Ø 3"



FEATURES

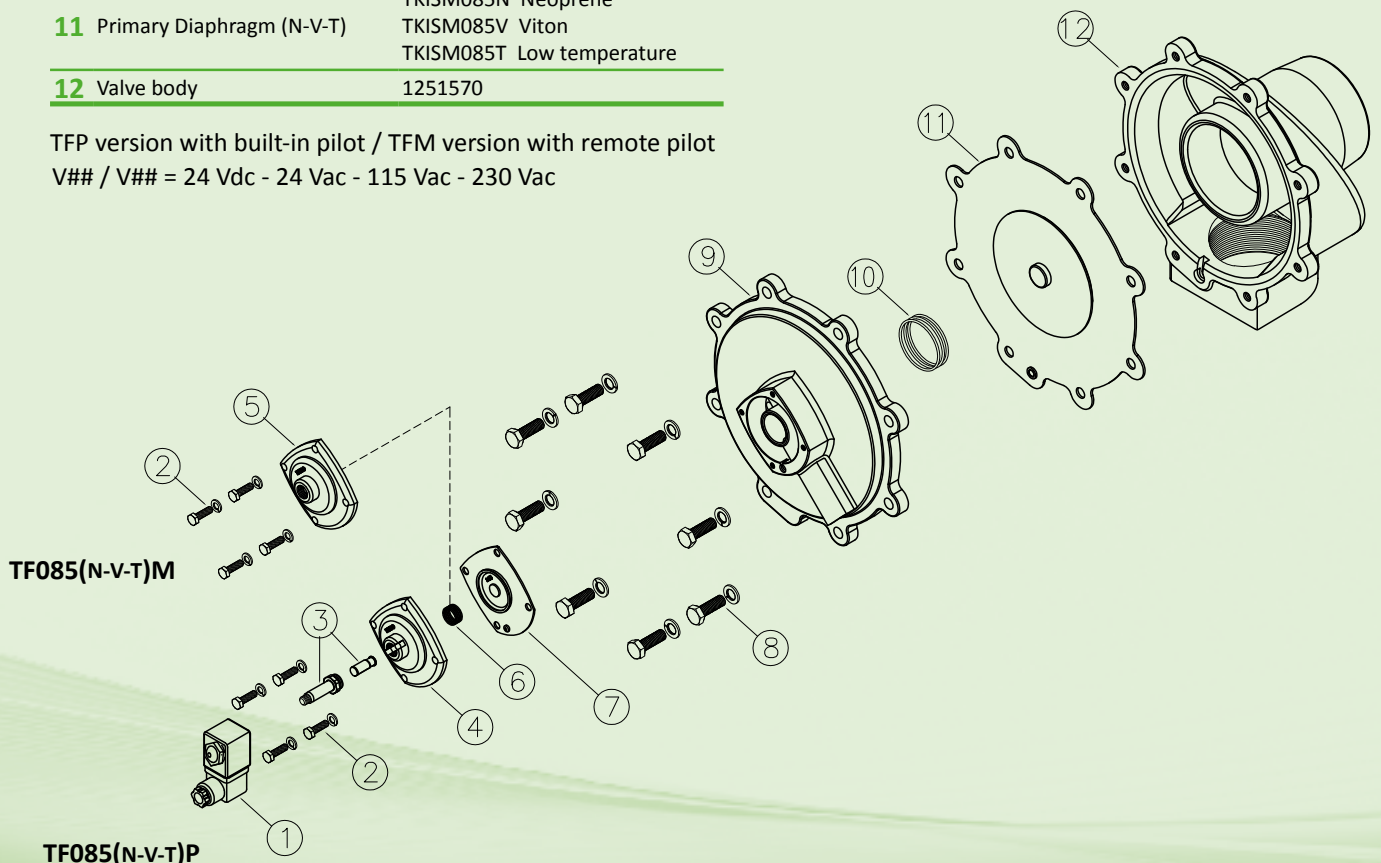
Fluids	Non-lubricated filtered air
Operating temperature	Neoprene diaphragm -20°C +80°C
	Viton diaphragm -20°C +200°C
	Low T. diaphragm -40°C; +80°C
Operating pressure	between 0.5 and 7.5 bar
Body and cover	Die-cast aluminium
Pilot core	Stainless steel
Screws and bolts	Stainless steel
Coil insulation	Class H
Connector	PG 9 EN175301-803
Connector + coil protection	IP65 EN60529
Standard voltage	24V/50-60Hz (±10%) 19VA
	115V/50-60Hz (±10%) 19VA
	230V/50-60Hz (±10%) 19VA
	24VDC (± 10%) 18 Watt

DESCRIPTION

TF085(N-V-T)P / TF085(N-V-T)M

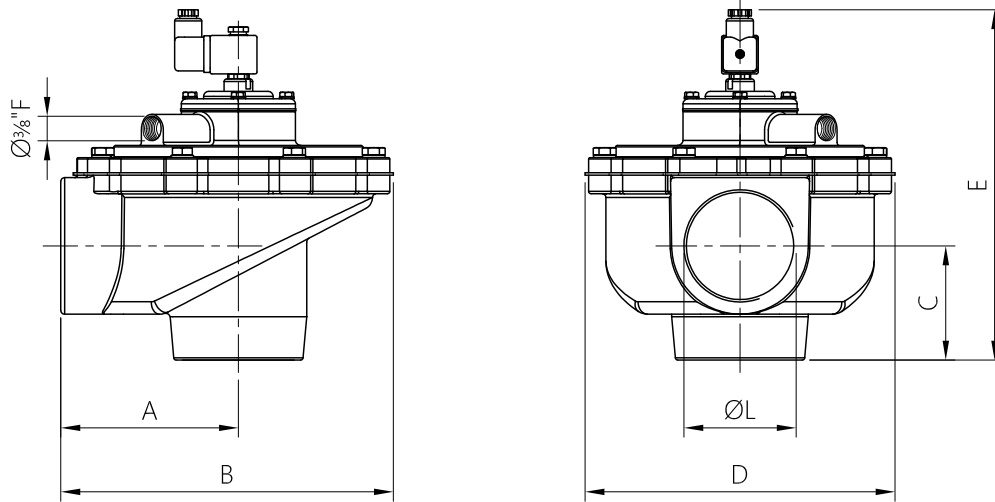
1	Coil - Connector	BH10 V## / V##
2	Screws - Washers	TKITVTE06X20X4
3	Pilot unit	1331080
4	Pilot cover	1251750
5	Remote cover	1251770
6	Secondary diaphragm (N-V-T)	TKISM025N Neoprene TKISM025V Viton TKISM025T Low temperature
7	Diaphragm spring	3241002
8	Screws - Washers	TKITVTE10X30X8
9	Cover	1251680
10	Diaphragm spring	3241024
11	Primary Diaphragm (N-V-T)	TKISM085N Neoprene TKISM085V Viton TKISM085T Low temperature
12	Valve body	1251570

TFP version with built-in pilot / TFM version with remote pilot
V## / V## = 24 Vdc - 24 Vac - 115 Vac - 230 Vac

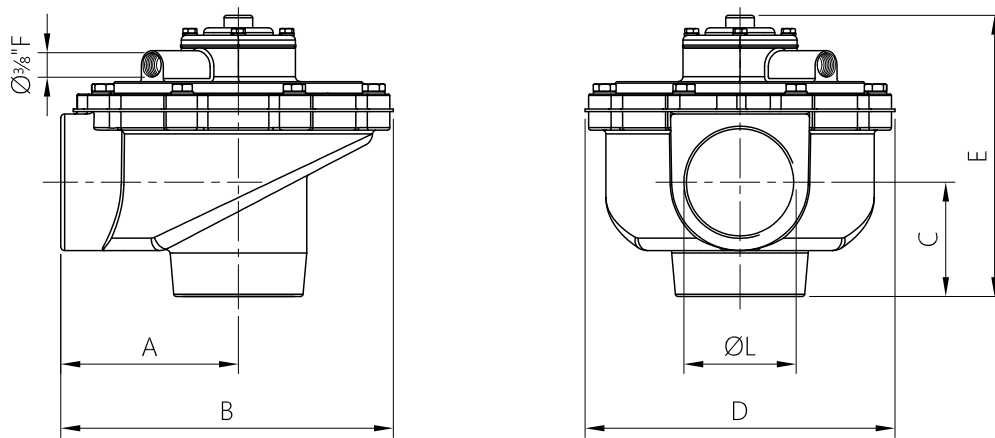


TF SERIES - Ø 3" - OVERALL DIMENSIONS

TF085(N-V-T)P



TF085(N-V-T)M



MODEL	Ø L (nom)	A	B	C	D	E	Weight (kg)
TF085(N-V-T)P	3"	143	267	92	250	~282	7.3
TF085(N-V-T)M	3"	143	267	92	250	~227	7.1