

# B1 - PULSE VALVES WITH THREADED CONNECTIONS

## F SERIES

### FEATURES

**F series** is a complete range of pulse valves with threaded connections used in dust collector filters. The design offers ease of installation, low restriction to air flow, providing an excellent cleaning pulse. Right angle body construction is considered the most suitable configuration for dust collector applications. Body and cover are pressure diecast aluminium with stainless steel bolts.



Media	Dry and oil free compressed air
Temperature range	Nitril diaphragm -20°C; +80°C Viton diaphragm -30°C; +200°C
Pressure range	0,5 bar min - 7,5 bar max
Body and cover	Pressure diecast aluminium anodized
Pilot	Brass
Pilot plunger	Stainless steel
Screws	Stainless steel
Coil insulation	Class F
Connector	PG 9; IP65
Standard voltages	230-110-24-V/ 50-60VHZ 19VA 24VDC 15W

**FP** WITH INTEGRAL PILOT CONTROL

**FM** FOR REMOTE PILOT CONTROL

Model	Ø	Diaphragm (Nr.)	Pressure range (bar)		Weight (Kg)	Coil
			min.	max		
FP 20	3/4"	1	0,5	7,5	0,70	YES
FP 25	1"	1	0,5	7,5	0,70	YES
FP 40	1 1/2"	2	0,5	7,5	1,5	YES
FP 50	2"	2	0,5	7,5	2,5	YES
FP 60	2 1/2"	2	0,6	7,5	2,4	YES
FM 20	3/4"	1	0,5	7,5	0,6	NO
FM 25	1"	1	0,5	7,5	0,6	NO
FM 40	1 1/2"	2	0,5	7,5	1,3	NO
FM 50	2"	2	0,5	7,5	2,4	NO
FM 60	2 1/2"	2	0,6	7,5	2,3	NO

### HOW TO ORDER

**EXAMPLE: F P 25 2450**

**F** VALVE WITH THREADED CONNECTIONS

**P** INTEGRAL PILOT  
**M** REMOTE PILOT

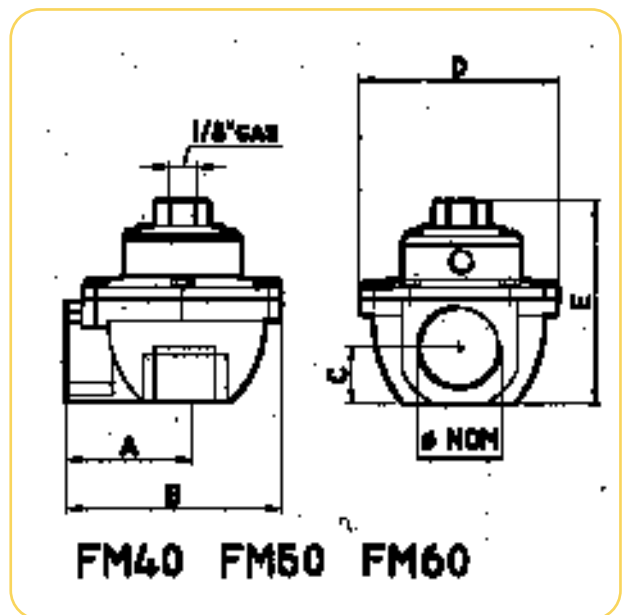
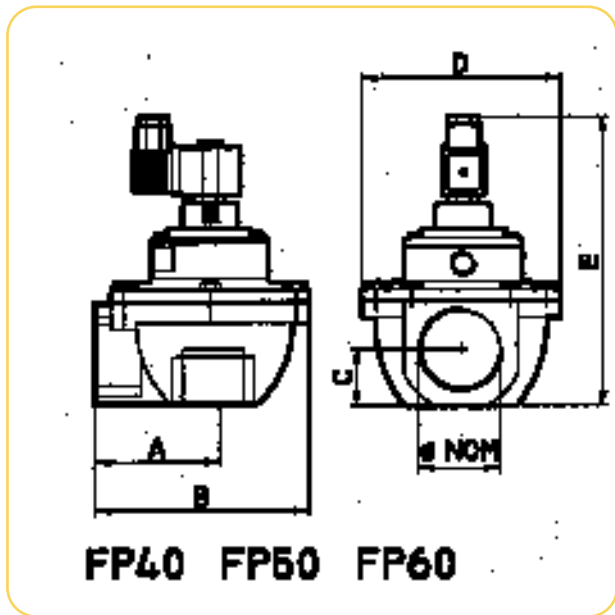
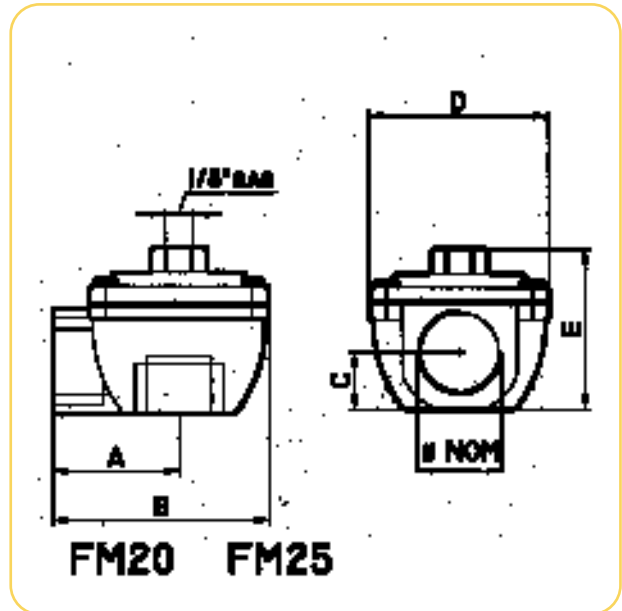
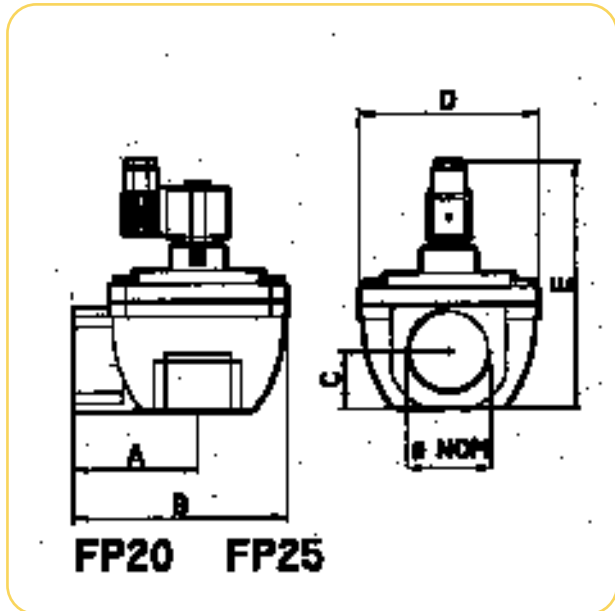
**20** = 3/4"  
**25** = 1"  
**40** = 1 1/2"  
**50** = 2"  
**60** = 2 1/2"

24V 50Hz = **02450**  
110V 50Hz = **11050**  
220V 50Hz = **22050**  
24V DC = **024DC**

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### DIMENSIONS



Model	∅	A	B	C	D	E	Weight (Kg)	Model	E	Weight (Kg)
FP 20	3/4"	52	89	20,5	73	121	0,7	FM 20	67,2	0,6
FP 25	1"	52	89	20,5	73	121	0,7	FM 25	67,2	0,6
FP 40	1 1/2"	71	132	30,5	137	183	1,4	FM 40	129	1,3
FP 50	2"	95	168	45	165	218	2,5	FM 50	164	2,4
FP 60	2 1/2"	95	168	45	165	218	2,4	FM 60	164	2,3