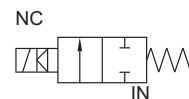


40/ 50 NB DOUBLE DIAPHRAGM, PULSE JET SOLENOID VALVE

TYPE	PRESSURE

TYPE	PRESSURE
24106	0.5 - 8.5 bar
24106A	0.5 - 8.5 bar

TYPE	PRESSURE
24113	1.5 - 16 bar



FEATURES

- Pulse jet valve with two diaphragm designed for large flow, fast ON and OFF response
- Unique profile of the diaphragm eliminates Spring
- Larger exhaust area for reducing noise
- Solenoid capable of turning 360°

WETTED PARTS

Code	☒	B5
Body and Internals	Aluminium Die Cast	SS 316 Cast
Guide Assembly	SS 304	
Shadow-Ring	Copper	
Plunger, Insert	SS 430	
Diaphragm	Hytrel, Viton	
Fasteners	SS 304	
Seat, Seals	NBR, Viton	

SPECIFICATION

VALVE TYPE	24106-52	24106A-52	24106-65	24113-52
SIZE	11/2" 2"	11/2"	2"	21/2" 11/2"
Flow Factor (Kv) 1pm	800 1000	800	1300 1560	800

RESPONSE TIME 25 ms
MINIMUM ELECTRICAL PULSE 40 ms

AMBIENT TEMPERATURE

5 °C to 85 °C

FLUID TEMPERATURE

5 °C to 85 °C

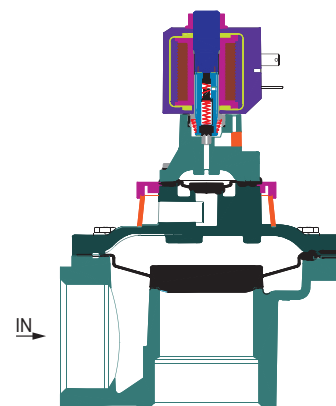
SPECIAL VERSION AND SUFFIX

Suffix : (Valve) AM, WO
Special version : (Solenoid) CO, FR, SS

PORT CONNECTION

FUNCTION	INLET	OUTLET
NC	2	1

Contact Rotex for
• Any other ambient, fluid temperature, media and application



SPARES

(Refer page 25 for ordering code)

SPARE KIT	CODE
Diaphragm Kit : Diaphragm Set	100
Seal Kit : Oring Set Diaphragm, Plunger Assembly	98
Repair Kit : Oring Set, Diaphragm, Plunger Assembly, Fastener, Springs	99
Solenoid Kit : Solenoid, Gasket and Nut	34

APPROVAL

(★ applied for)

Approval	Nema 4X	IP67	Ex d IIC T4 or T5 or T6 IP66	Ex ia IIC T6 IP67	DGMS	CCOE
		✓	✓	✓	✓	✓
CE		✓	✓	✓		
UL	✓		*			
			✓	✓		
			✓	✓		
			*	*		

40/ 50 NB DOUBLE DIAPHRAGM, PULSE JET SOLENOID VALVE

SPECIFICATION

[illegible]

Cable Entry	T	E
M20 x 1.5	19	39
1/2" NPT	16	37

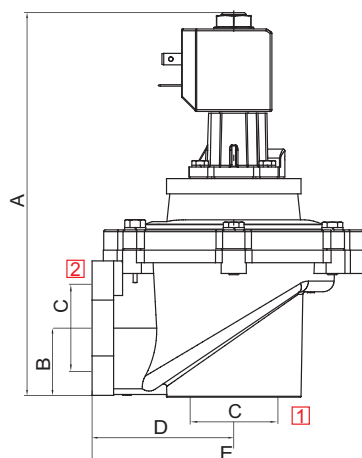
※ = Do not specify when opted for

ORDERING CODE, EXAMPLE	VALVE + SOLENOID
------------------------	------------------

TYPE - ORIFICE - PORT CONNECTION - BODY AND INTERNALS - SEAL +
VOLTAGE - CURRENT - SOLENOID ENCLOSURE - APPROVAL - INSULATION
e.g. 24106-65-16G+230-50Hz-16.

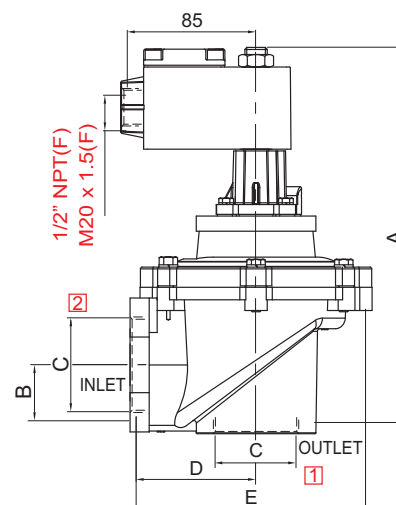
DIMENSIONS

All Dimensions are in mm

CONSTRUCTION REFERENCE P7

PLUG IN SOLENOID TYPE 22

VALVE TYPE	NW	PIPE CONN.	A	B	C	D	E
24106	52	1 1/2"	215	38	1 1/2"	79	152
24106	52	2"	215	38	2"	79	152
24106A	52	1 1/2"	108	32	1 1/2"	72	146
24106	65	2"	250	46	2"	98	160
24106	65	2 1/2"	250	46	2 1/2"	98	160
24113	52	1 1/2"	215	38	1 1/2"	79	152



TERMINAL BOX/ Ex d TYPE 16, 19, 37, 39