

Fig. 405F
Differential Pressure Control Valves

FEATURES & BENEFITS

- A high performing differential pressure control valve that can be fitted in the supply or return pipework, regulating both differential pressure and flow rate
- Differential pressure activation range (DP Range) from 15 to 150 kPa
- Integrated valve position indicator for visual inspection
- Tested in accordance with the BSRIA guidance standard



MATERIAL SPECIFICATION

Part	Material
Body	Cast Iron ASTM A48-CL30
Seat	Cast Bronze ASTM B584-C836
Cone	Cast Bronze ASTM B584-C836
Guide	Cast Bronze ASTM B584-C836
Gasket	Non Asbestos
Top Flange	Cast Iron ASTM A48-CL30
Packing	EPDM
Yoke	Ductile Iron ASTM A536-65-45-12
Diaphragm plate	ASTM A240-304
Spring	Spring Steel
Adjust Screw	B16-C36000 (Brass)
Actuator Spindle	Stainless Steel 304
Diaphragm Case	DI (A536-65-45-12)
Diaphragm	EPDM
Cone Stem	Stainless Steel 316
Cover Bolt	Steel to JIS3101

PRESSURE/TEMPERATURE RATING

PN16 -10 to 120°C

SPECIFICATION

Valve shell tested and inspected in accordance with BS EN 12266-1
Face-to-face in accordance with EN 58 Series 1 or 37

END CONNECTION:
BS EN1092-2 PN16

OPERATOR: Actuator

INCLUDED WITH VALVE:

1 x Impulse tube kit (which contains two sets of: Copper tube, ball valve, tee piece, flare nut, flare nipple, nipple, long nipple and pressure gauge)

OTHER: Valve comes factory set at 70 kPa

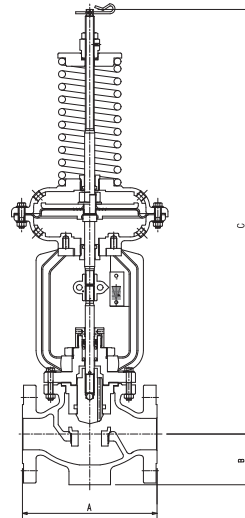
SIZING: Please contact our technical support helpline for guidance

SPARES: Impulse tube kit (Part No. 000M0405FTJ SP)

DIMENSIONS & WEIGHTS

Nom Size	mm	65	80	100	125	150
A	mm	276	298	352	400	451
B	mm	115	120	130	150	180
C	mm	720	720	735	775	800
Weight	kg	48	56	72	130	162
F/O	Kv	55.4	72.7	129.8	173	249.1

DIMENSIONAL DRAWINGS



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