

DP971F

DN65 – DN150

ProBalance

PN16

DP971F

BALANCING 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

Materials

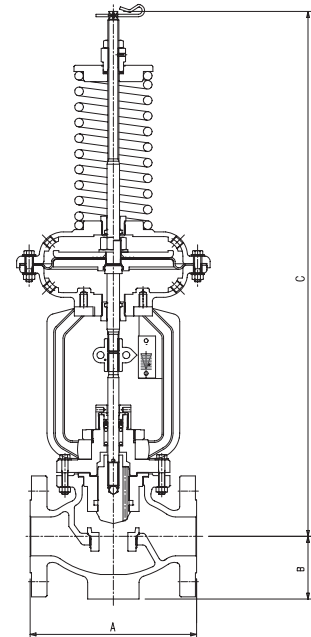
PART	MATERIAL
Body	Cast Iron ASTM A48-CL30
Seat	Cast Bronze ASTM B584-C836
Cone	Cast Bronze ASTM B584-C836
Guide	Cast Bronze ASTM B584-C836
Gasket	Non Asbestos
Top Flange	Cast Iron ASTM A48-CL30
Packing	EPDM
Yoke	Ductile Iron ASTM A536-65-45-12
Diaphragm plate	ASTM A240-304
Spring	Spring Steel
Adjust 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

Dimensions, Coefficients & Weights

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



Dimensional Drawing



Pressure/Temperature Ratings

TEMPERATURE (°C)	5°C to 110°C
PRESSURE (BAR)	16

PRESSURE RATING: PN16

END CONNECTIONS: 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)

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

Suitable for use on Group 2 Liquids only, and limited to 110°C use as defined by Pressure Equipment Directive 2014/68/EU, and Pressure Equipment (Safety) Regulations 2016, as amended.

Not suitable for use on Group 1 & Group 2 Gases, Group 1 Liquids or unstable liquids.

OTHER: Valve comes factory set at 70 kPa

SIZING: Please contact our technical support helpline for guidance

SPARES: Impulse tube kit (Part No. 0JG91983D)