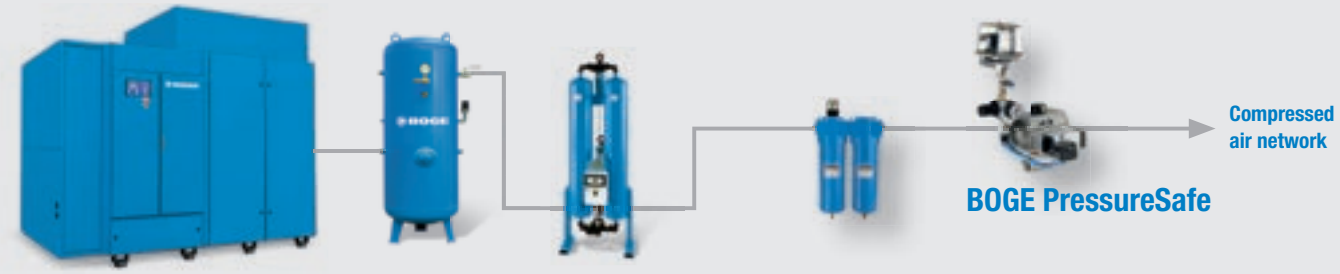
Small system, huge impact:
The BOGE **PressureSafe** pressure holding system for constant compressed air quality.

Ball valve version
(1/2" to 2", flap valve version DN 50 to DN 150)

Version with position switch
for ball valve or flap valve positions

ALWAYS AT YOUR SERVICE

The BOGE PressureSafe system (BPS) is extremely easy to use: it can be installed with just a few twists and turns downstream of the compressor and treatment components but upstream of the distribution network. As soon as the pressure falls short of operator's preset value, the system will be closed – causing the pressure in both the compressor and treatment sections to remain stable. Even in case of a pressure network having run empty overnight, the BPS will not fail to keep the pressure at a minimum level with regard to the compressor and treatment portions prior to enabling the network to be filled with air again downstream of the BPS.



SAFE OPERATION

The BOGE PressureSafe pressure holding system serves as a system pressure securing device, and in particular with respect to components requiring a certain operating volume flow for optimal functioning – for safe operation of the compressor station.

CONSTANT QUALITY

Using the BPS to maintain the pressure at a constant level within the air treatment section enables the compressed air to be kept at a consistently high quality – a prerequisite for the compressed air dryer, for example, to operate under appropriate conditions.

EASY INSTALLATION

Simply install in the compressed air pipework in order to put the BPS into operation. A suitable pipe connection enables the operator to preset the required minimum pressure. Falling short of this value will cause the BPS to close.

POSITION SWITCH

The BPS can be equipped with an additional position switch as an option, thus allowing the position of the BPS for example to be displayed in a control unit. If the BPS is closed due to low pressure, a message is being triggered at the same time while enabling the operator to remedy the cause of the pressure failure.

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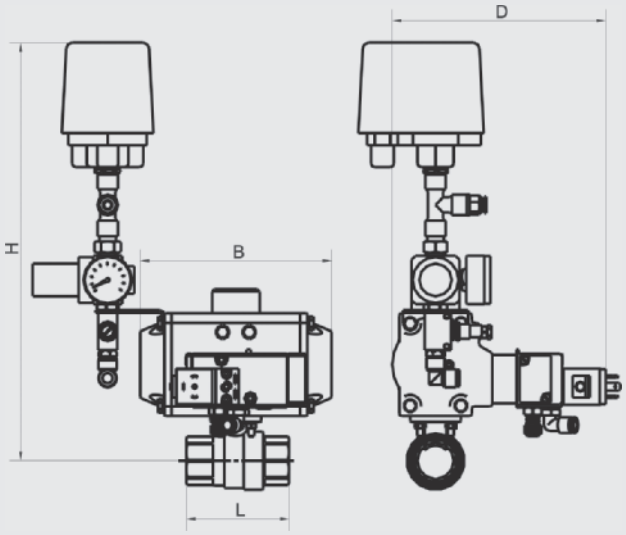
BOGE PressureSafe pressure holding system

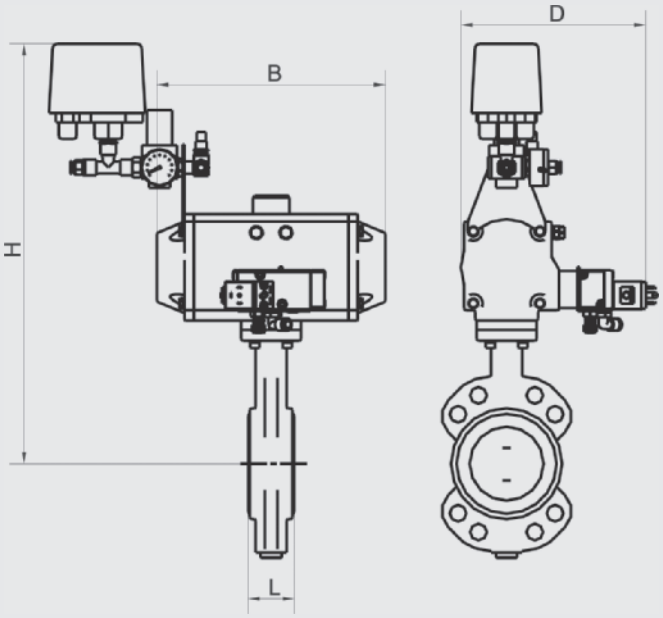
A constant pressure level is synonymous with high compressed air quality:

Because, if the pressure in the network falls too low, this may cause any existing adsorption dryers and even refrigerating dryers to be excessively stressed due to the increased volume flow resulting in reduced compressed air quality. BOGE is in a position to offer a simple solution: The BOGE PressureSafe (BPS) pressure holding system is designed for easy installation in the compressed air network to enable a constant pressure level at the compressor and in the treatment section – and to permanently ensure a high compressed air quality.

BOGE PressureSafe with ball valve



BOGE PressureSafe with shut-off flap valve



BOGE Model	Connection size	Max. operating pressure	Dimensions				Weight
			H	W	D	L	
		bar	mm	mm	mm	mm	kg
BPS 12	Rp 1/2	16	319.4	118.0	156.0	61.0	3.2
BPS 18	Rp 3/4	16	323.0	118.0	156.0	69.5	3.3
BPS 24	Rp 1	16	330.5	140.5	164.5	84.5	3.8
BPS 31	Rp 1 1/4	16	340.5	140.5	164.5	98.5	4.0
BPS 37	Rp 1 1/2	16	362.0	158.5	177.0	110.0	4.9
BPS 49	Rp 2	16	373.0	158.5	177.0	130.0	5.8

BOGE Model	Connection size	Max. operating pressure	Dimensions				Weight
			H	B	T	L	
		bar	mm	mm	mm	mm	kg
BPS 50	DN50	16	433.0	210.5	186.5	43.0	7.9
BPS 65	DN65	16	443.0	210.5	188.5	46.0	8.4
BPS 80	DN80	16	464.0	247.5	200.3	46.0	10.5
BPS 100	DN100	16	497.0	268.5	217.0	52.0	14.8
BPS 125	DN125	16	514.0	268.5	217.0	56.0	17.4
BPS 150	DN150	16	548.0	315.0	235.0	56.0	22.8