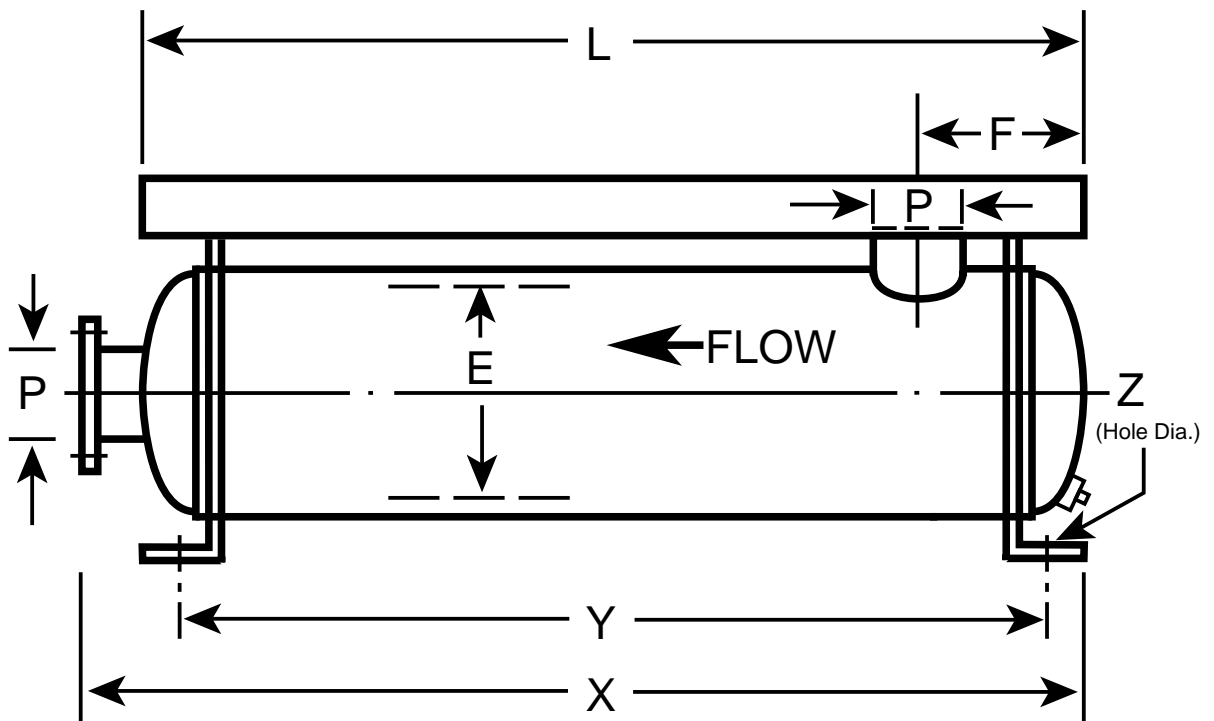


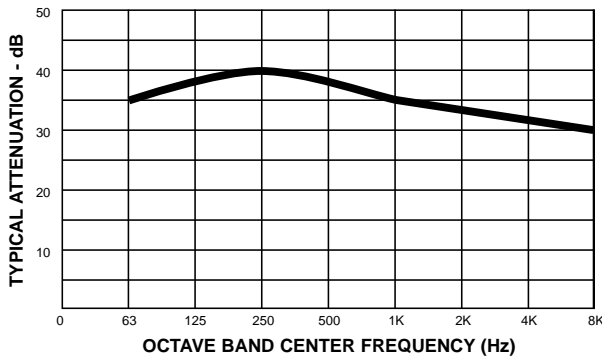
# BASE SILENCERS FOR ROTARY POSITIVE BLOWERS



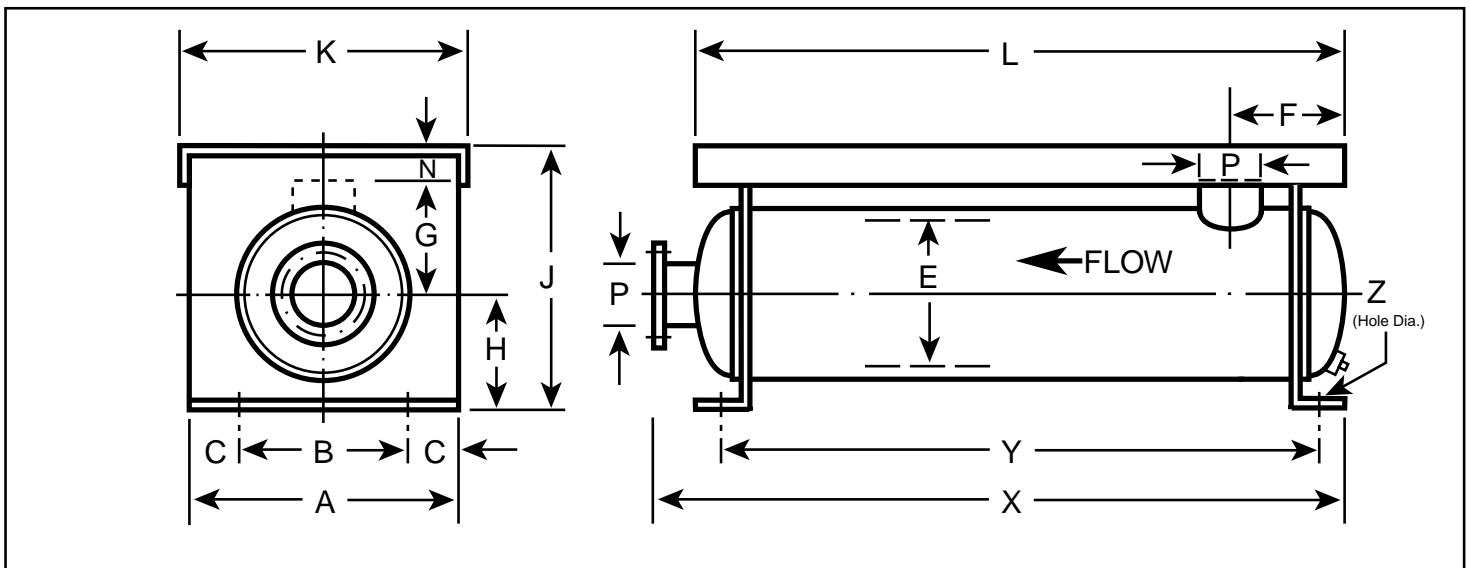
# SPECIFICATIONS

## BS 14 SERIES CHAMBER CONSTRUCTION SILENCERS FOR ROTARY POSITIVE BLOWERS

TYPICAL ATTENUATION CURVE



BS 14 Series base silencers are designed for quick assembly of blower packages and provides maximum silencing on blower discharge for blowers operating below transition speed. The silencer base for motor and blower with supports are combined as one unit to form an integral part of the silencer. This design facilitates easy installation and reduces labor and overall assembly costs. The silencer consists of a multi-chamber, multi-tube which properly eliminates destructive pulsations. The standard construction is heavy duty welded carbon steel sheet and plates. The inlet nozzle is plain pipe which enables easy slip on type flex connector fitting. Custom designs available to suit specific requirements. The optional features include special flanges, couplings for relief valve installation, tappings for pressure gauge, special material and special paint. For selection, sizing and pressure drop calculations, please see our reference catalogue 1.



MODEL	P	E	X	L	F	G	J	H	K	N	A	B	C	Y	Z	WT.
BS 14-2	2	8	30	30	8	7	14 1/8	5	16 3/8	2 1/8	16	12	2	25	5/8	70
BS 14-2 1/2	2 1/2	10	31	30	8	8	15 5/8	6	20 3/8	1 5/8	20	15	2 1/2	25 1/2	5/8	90
BS 14-3	3	10	49	48	8 3/4	8	17 3/16	7	24 1/2	2 3/16	24	18	3	44	3/4	220
BS 14-4	4	14	50	48	13	11	21 1/4	8	24 5/8	2 1/4	24	18	3	44	3/4	280
BS 14-5	5	16	62	60	12	12	24 1/4	10	30 5/8	2 1/4	30	24	3	55	3/4	410
BS 14-6	6	18	69	66	13	13	27 5/16	12	30 3/4	2 5/16	30	24	3	62	3/4	550

**Std. fittings**

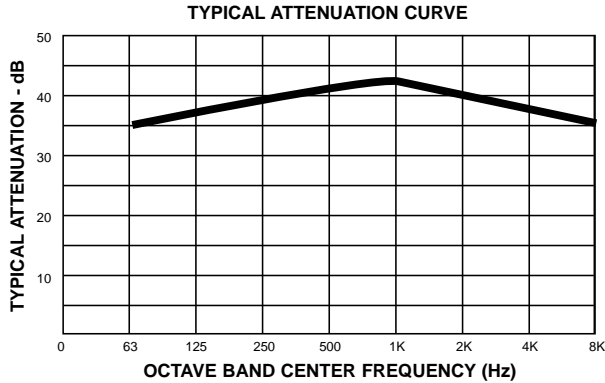
- up to 3 1/2" size - Male thread nipples
- 4" & 5" sizes - optional - male thread nipples or flanges
- 6" & above - 125 lbs. ANSI flange drilling

- Dimensions and weights are approximate and may change slightly with production models.
- Dimension in inches.
- Weight in lbs.
- Larger sizes are available on request.

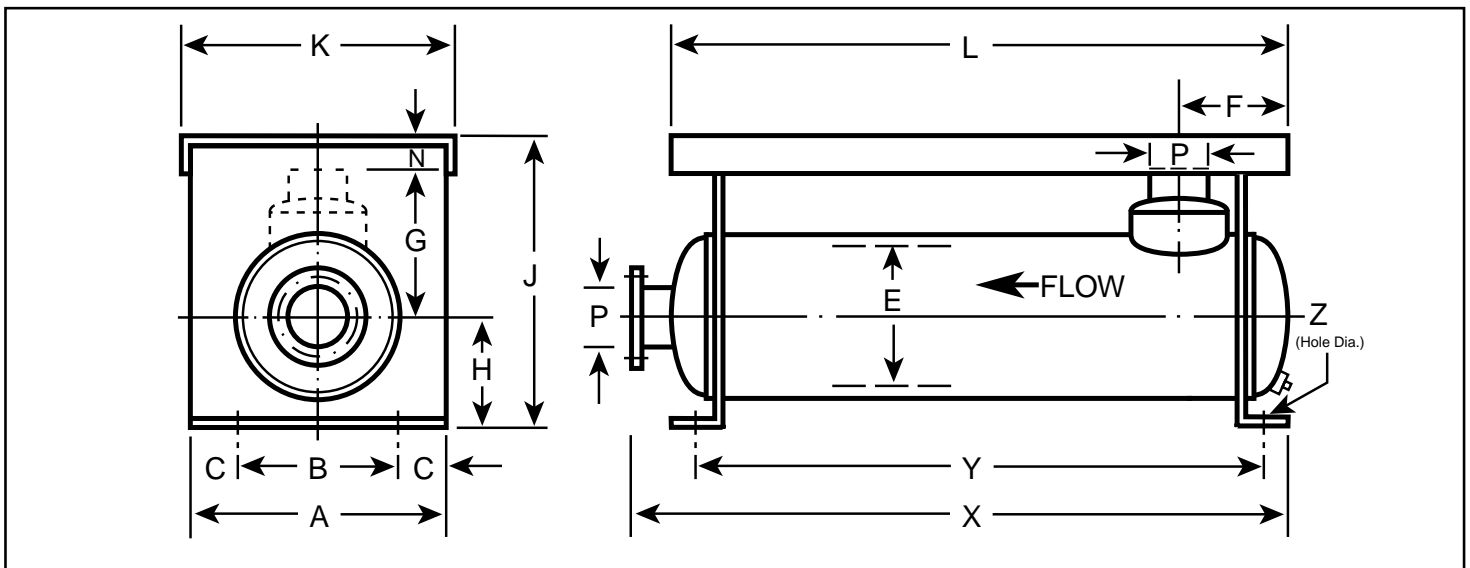
**We specialize in custom designs and also provide various nozzle orientations to suit your specific requirements.**

# SPECIFICATIONS

## BS 44 SERIES CHAMBER ABSORPTION TYPE BASE SILENCERS FOR ROTARY POSITIVE BLOWERS



BS 44 series base silencers are designed for quick assembly of blower packages and provides maximum silencing on blower discharge for blowers operating above transition speed. The silencer base for motor and blower with supports are combined as one unit to form an integral part of the silencer. This design facilitates easy installation and reduces labor and overall assembly costs. The silencer consists of a multi-chamber, multi-tube arrangement incorporating high frequency absorption packing which effectively treats the destructive pulsations and excessive high frequency noise by converting noise energy to heat. The standard construction is heavy duty welded carbon steel sheet and plates. The inlet nozzle is plain pipe which enables easy slip on type flex connector fitting. Custom designs available to suit specific requirements. The external surfaces are rust inhibitive primer coated. The optional features include special flanges, couplings for relief valve installation, tappings for pressure gauge, special material and special paint. For selection, sizing, and pressure drop calculations, please see our reference catalogue 1.



MODEL	P	E	X	L	F	G	J	H	K	N	A	B	C	Y	Z	WT.
BS 44-2	2	8	30	30	8	9	16 1/8	5	16 3/8	2 1/8	16	12	2	25	5/8	75
BS 44-2 1/2	2 1/2	10	31	30	8	10	17 5/8	6	20 3/8	1 5/8	20	15	2 1/2	25 1/2	5/8	100
BS 44-3	3	10	49	48	8 3/4	12	21 3/8	7	24 1/2	2 3/16	24	18	3	44	3/4	240
BS 44-4	4	14	50	48	13	14	24 1/4	8	24 5/8	2 1/4	24	18	3	44	3/4	310
BS 44-5	5	16	62	60	12	15	27 1/4	10	30 5/8	2 1/4	30	24	3	55	3/4	450
BS 44-6	6	18	69	66	13	17	30 5/16	11	30 3/4	2 5/16	30	24	3	62	3/4	640

**Std. fittings**

- up to 3 1/2" size - Male thread nipples
- 4" & 5" sizes - optional - male thread nipples or flanges
- 6" & above - 125 lbs. ANSI flange drilling

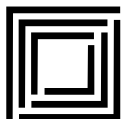
- Dimensions and weights are approximate and may change slightly with production models.
- Dimension in inches.
- Weight in lbs.
- Larger sizes are available on request.

**We specialize in custom designs and also provide various nozzle orientations to suit your specific requirements.**

## OTHER PRODUCTS AVAILABLE:

- ROTARY POSITIVE BLOWER INTAKE AND DISCHARGE SILENCERS  
reference catalogue 1
- BASE SILENCERS FOR ROTARY POSITIVE BLOWERS  
reference catalogue 2
- COMBINATION SILENCERS FOR ROTARY POSITIVE BLOWERS  
reference catalogue 3
- FAN SILENCERS  
reference catalogue 4
- CENTRIFUGAL COMPRESSOR SILENCERS  
reference catalogue 5
- VENT SILENCERS  
reference catalogue 6
- ENGINE SILENCERS  
reference catalogue 7
- NOISE ENCLOSURES  
reference catalogue 8

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