

LIQUID RING VACUUM PUMP AND COMPRESSOR

The Upgraded NASH® 2BE4

With a proven history of reliable operation in toughest industrial applications, the NASH 2BE series operates reliably year after year with minimal maintenance and downtime.

Improving on existing technology, the upgraded NASH 2BE4 combines the proven reliability of previous models with durability enhancements, and ease of maintenance improvements.

Robust, Reliable & Ready

The standard polyisoprene lining in the upgraded 2BE4 resists aggressive process gases and liquids to provide exceptional corrosion resistance, while consuming less energy than an equivalent unlined pump.

Additional upgrades including removable bearing brackets, elimination of tie rods, and bolted casing joints improve the reliability and ease of maintenance on the upgraded 2BE4 models.

Flexible Installation

The upgraded 2BE4 offers options for connecting inlet and outlet discharge piping. Whether installed at a new facility, in an existing facility with limited headroom, or as a drop in for an existing 2BE3/4, you can install the new model with little or no site modifications.

Efficient Performance

The 2BE4 pumps allow efficient operation over the entire vacuum range without the need to change the pump's internals. Large inspection ports allow easy access to pump internals for inspection and maintenance.

Optimizations to internal components and flow channeling reduce energy consumption by 6-8%*.

- Reliable Performance
- Robust Construction
- Easy to Maintain
- Polyisoprene Lined
- Drop-In Replacement

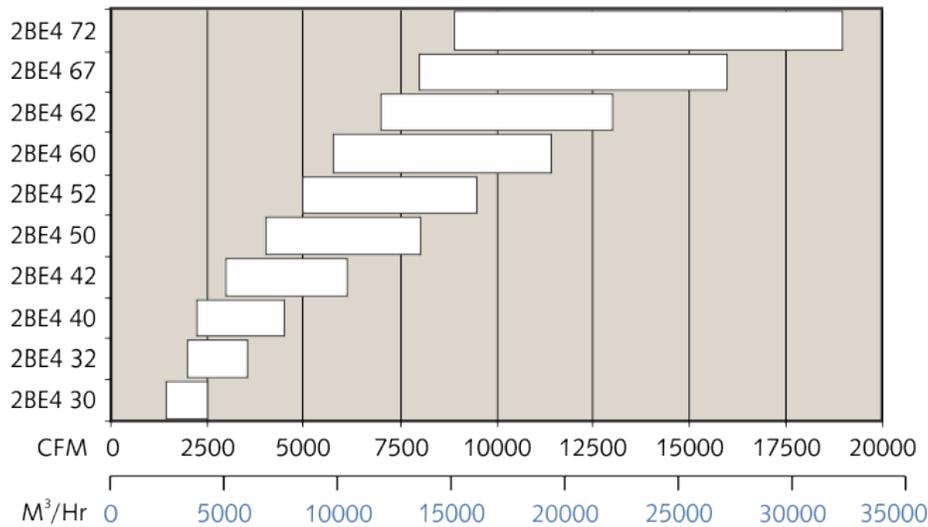
2BE4 BASIC SPECIFICATIONS

VACUUM RANGE	to 4.7 inHgA (to 160 mbarA)
CAPACITY	1,500 to 19,000 cfm (2,500 to 33,000 m ³ /hr)
DIFFERENTIAL PRESSURE CAPABILITY	17.4 psi (-1.2 bar)
COMPRESSOR PRESSURE	15 psig (>2 barA)
SPLIT VACUUM CAPABILITY	12 inHg (400 mbar)



*compared to previous 2BE3 models

VACUUM PERFORMANCE



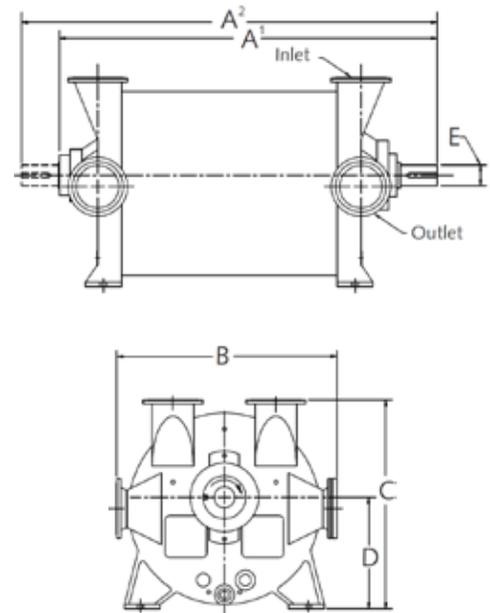
BASIC SPECIFICATIONS

Mechanical Seals	Single, double (on request), stuffing box
Materials of Construction	Ductile iron, stainless steel, combination of both materials
Available Material Upgrades	Stainless steel clad, epoxy coated components

PUMP DIMENSIONS

SIZE		A1	A2	B	C	D	E	INLET	OUTLET
2BE4 30	in	65.4	73.8	38.2	35.6	18.7	4.3	6 in. FLG.	6 in. FLG.
	mm	1661	1875	970	904	472	109	150 mm FLG.	150 mm FLG.
2BE4 32	in	74.6	83.0	38.2	35.6	18.7	4.3	6 in. FLG.	6 in. FLG.
	mm	1895	2108	970	904	475	109	150 mm FLG.	150 mm FLG.
2BE4 40	in	82.8	92.9	50.6	45.7	24.4	5.1	10 in. FLG.	10 in. FLG.
	mm	2103	2360	1285	1161	620	130	250 mm FLG.	250 mm FLG.
2BE4 42	in	94.1	104.3	50.6	45.7	24.4	5.1	10 in. FLG.	10 in. FLG.
	mm	2390	2649	1285	1161	620	130	250 mm FLG.	250 mm FLG.
2BE4 50	in	102.5	114.7	60.7	57.1	30.5	6.3	12 in. FLG.	12 in. FLG.
	mm	2604	2913	1542	1450	775	160	300 mm FLG.	300 mm FLG.
2BE4 52	in	112.3	124.5	60.7	57.1	30.5	6.3	12 in. FLG.	12 in. FLG.
	mm	2852	3162	1542	1450	775	160	300 mm FLG.	300 mm FLG.
2BE4 60	in	111.7	123.8	70.9	67.8	35.4	7.1	14 in. FLG.	14 in. FLG.
	mm	2837	3144	1801	1722	899	180	350 mm FLG.	350 mm FLG.
2BE4 62	in	123.3	135.4	70.9	67.8	35.4	7.1	14 in. FLG.	14 in. FLG.
	mm	3132	3439	1801	1722	899	180	350 mm FLG.	350 mm FLG.
2BE4 67	in	133.4	147.6	75.4	73.0	38.4	7.9	14 in. FLG.	14 in. FLG.
	mm	3388	3749	1915	1854	975	201	350 mm FLG.	350 mm FLG.
2BE4 72	in	141.3	155.3	82.5	78.1	41.8	7.9	16 in. FLG.	16 in. FLG.
	mm	3589	3945	2096	1985	1062	201	400 mm FLG.	400 mm FLG.

All dimensions are approximate.



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