

2BE3 Series Liquid Ring Vacuum Pumps



Introduction:

2BE3 series pumps adopt the single-stage and single-function structure with the advantage of simple structure, convenient maintenance, reliable running, high efficiency and energy saving and they can be suitable for the bad working conditions such as large water discharge and load impact fluctuation etc. They are usually used to suction the gas without solid particle, undissolved and noncorrosive gas in order to form vacuum and pressure in the closed container. By changing the structure material, they can also be used to suction corrosive gas or use corrosive liquid as operating liquid.

Advantages:

- 1.The whole body are painted by baking paint.
- 2.The pump are manufactured under German DIN Standard.
- 3.Liquid-level Indicator equipped for start-up observation
- 4.Impeller welded by nodular iron or steel, which ensures high stability and promises long-lifetime even in harsh condition.
5. Coupling (direct drive type) with highly intensified elastic material (made of polyurethane) which ensures pump stability and long lifetime.
- 6.Burgmann mechanical seal (optional) with no air leakage, specially suitable for toxic gas suction.

**Application:**

2BE3 series pumps are widely used in paper-making, chemical, petrochemical, light industry, pharmacy, instruments, metallurgy, construction, electronic appliance, coal-cleaning, mineral concentration, fertilizer etc.

Technical Specification:

Model	Speed (Driving mode)	Max. shaft power [KW]	Motor power [KW]	Max. Capacity		Ultimate vacuum [mbar]	Weight (excl. motor) [Kg]
	[r/min]			[m ³ /h]	[m ³ /min]		
2BE3- 40	300 (V-belt / gear box)	64.8	6-75	4200	70	160	4050
	330 (V-belt / gear box)	75	6-90	4650	77		
	350 (V-belt / gear box)	86.5	110	4680	81		
	390 (V-belt / gear box)	99	110	5460	91		
	430 (V-belt / gear box)	117	132	6000	100		
	498 (V-belt / gear box)	135	160	6900	115		
	530 (V-belt / gear box)	148	185	7440	124		
	570 (V-belt / gear box)	167	200	8000	133		
2BE3- 42	300 (V-belt / gear box)	100	6-110	5850	97.5	160	4200
	350 (V-belt / gear box)	109	132	6300	105		
	390 (V-belt / gear box)	133	160	7650	127		
	449 (V-belt / gear box)	157	185	8550	142		
	490 (V-belt / gear box)	180	200	9200	154		
	530 (V-belt / gear box)	200	220	10100	168		
	570 (V-belt / gear box)	225	250	10600	177		
2BE3- 50	236 (V-belt / gear box)	128	160	7500	125	160	6000
	266 (V-belt / gear box)	140	160	8500	142		
	300 (V-belt / gear box)	173	200	10000	167		
	336 (V-belt / gear box)	235	250	11400	190		
	366 (V-belt / gear box)	261	280	12500	208		
	420 (V-belt / gear box)	278	315	13700	228		
2BE3- 52	236 (V-belt / gear box)	168	185	9000	150	160	6500
	266 (V-belt / gear box)	175	200	10560	176		
	336 (V-belt / gear box)	260	280	13800	230		
	366 (V-belt / gear box)	285	315	15000	250		



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	421 (V-belt / gear box)	331	400	16800	280		
	468 (V-belt / gear box)	416	500	18450	307		
2BE3- 60	236 (gear box)	204	250	11820	197	160	8900
	265 (gear box)	243	280	14200	236		
	295 (gear box)	285	315	15900	265		
	340 (gear box)	365	400	17400	290		
	370 (gear box)	386	450	19400	323		
2BE3- 62	200 (gear box)	195	250	13200	220	160	92500
	230 (gear box)	260	315	15180	253		
	266 (gear box)	300	355	17300	288.3		
	297 (gear box)	348	400	19300	322		
	330 (gear box)	395	450	21300	355		
	372 (gear box)	490	560	24000	400		
2BE3- 67	180 (gear box)	250	315	14500	242	160	12200
	210 (gear box)	285	315	18000	300		
	270 (gear box)	415	450	22800	380		
	300 (gear box)	465	560	25800	430		
	330 (gear box)	545	630	27720	462		
	370 (gear box)	670	800	30960	516		
2BE3- 72	190 (gear box)	338	400	20100	335	160	15000
	210 (gear box)	395	450	23760	396		
	240 (gear box)	475	560	27000	450		
	270 (gear box)	550	630	30000	500		
	300 (gear box)	642	710	33600	560		
2BE3-80N	190 (gear box)	507	560	30000	500	160	19000
	210 (gear box)	585	630	32280	538		
	240 (gear box)	710	800	36600	610		
	270 (gear box)	849	900	40800	680		
	300 (gear box)	796	10000	44800	748		
2BE3-90N	170 (gear box)	570	630	39000	650	160	24500
	195 (gear box)	730	800	46800	780		
	210 (gear box)	815	900	49800	830		
	230 (gear box)	925	1000	52800	880		
	245 (gear box)	1035	1120	55800	930		



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2BE3-100N	155 (gear box)	730	800	48000	800	160	31000
	165 (gear box)	840	900	51300	855		
	175 (gear box)	900	1000	54000	900		
	190 (gear box)	995	1120	59400	990		
	200 (gear box)	1146	1250	62400	1040		