

High Vacuum Liquid Ring Pumps



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Applications

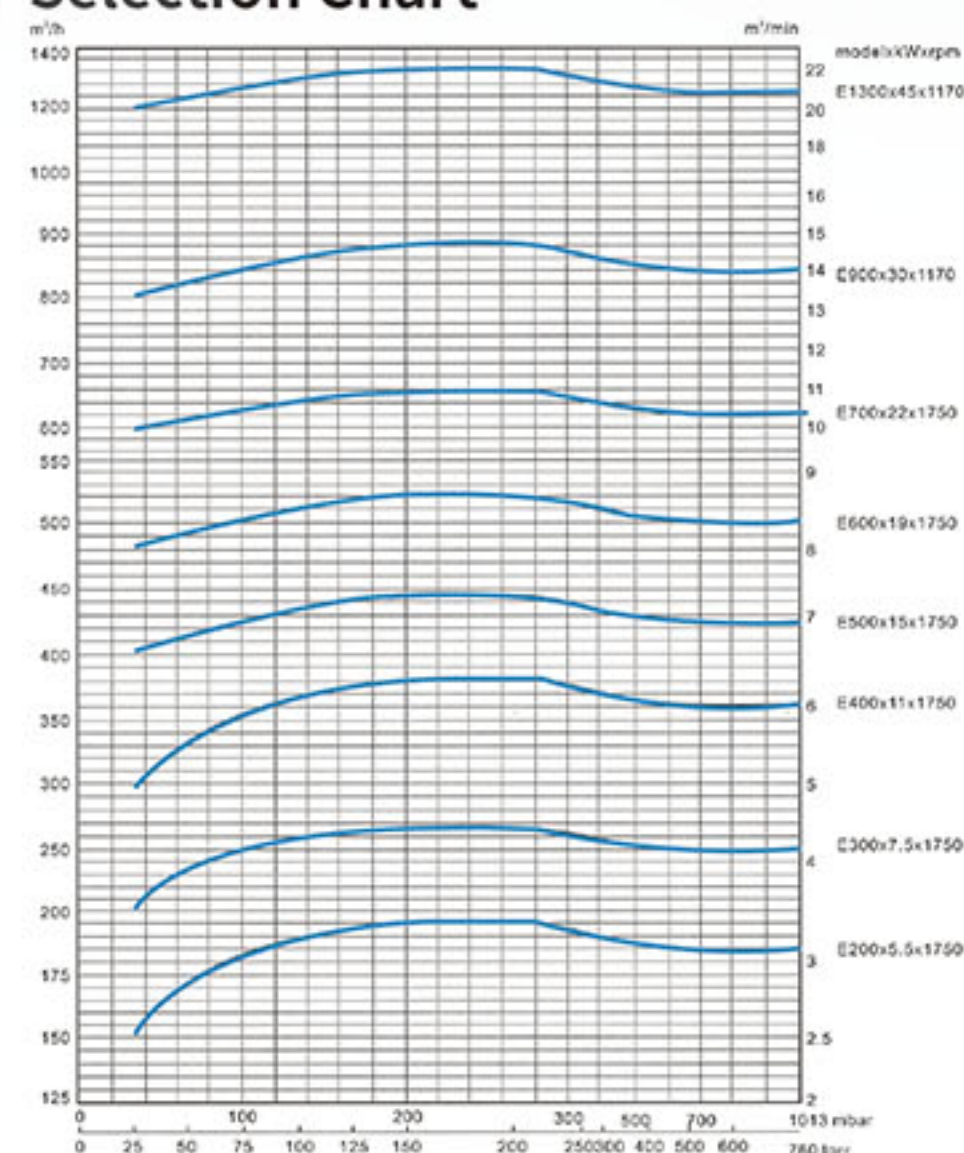
- Deaerating
- Impregnating plants
- Drying system
- Concentrating
- Condenser Exhausting
- Filtering

Feature

- ✓ High efficiency
- ✓ High Vacuum
- ✓ Low Noise and Vibration
- ✓ Standardization
- ✓ Easy Maintenance



Selection Chart

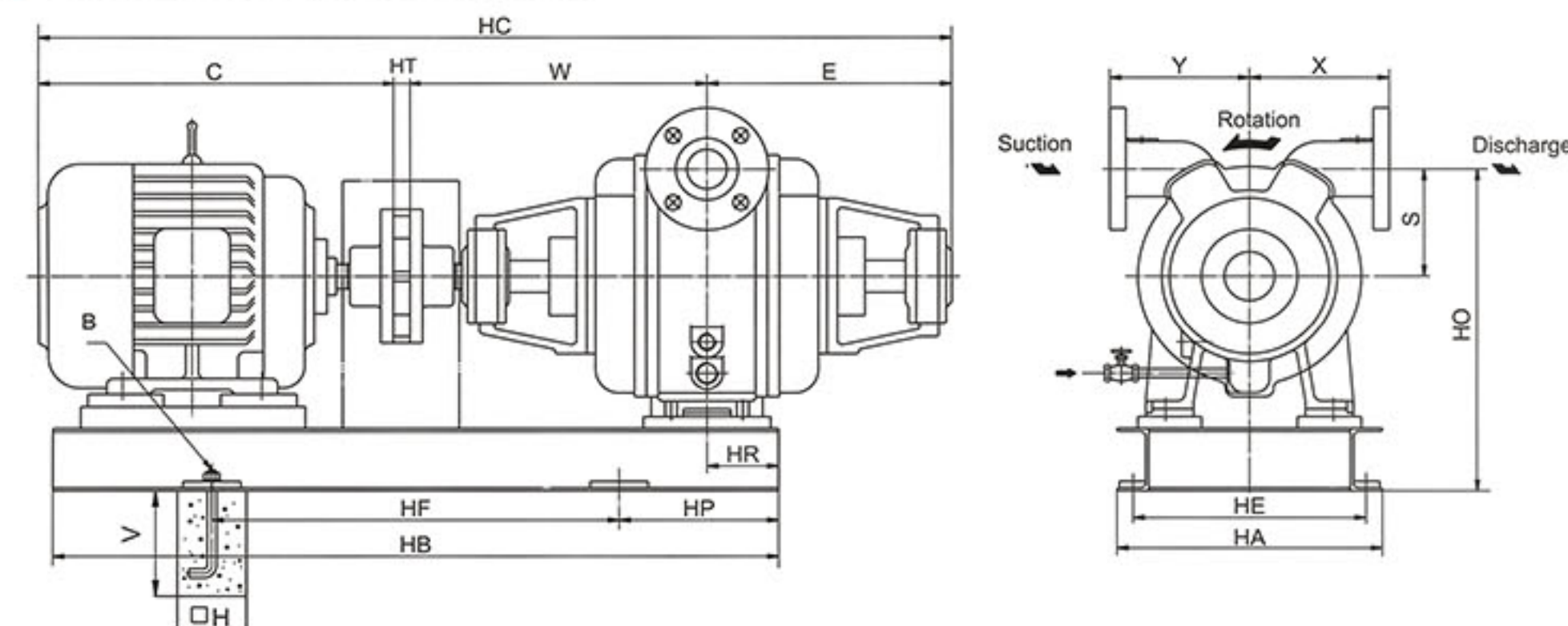


Ratings

Capacity	UP to 22m³/min (5,812 US GPM)
Vacuum	UP to 720 mmHg
Temperature	UP to 60°C (140°F)

These performance curves are based on operating conditions with saturated air at a temperature of 20°C, operating water at a temperature of 15°C, and discharge pressure of 760mmHg abs (With a tolerance of ± 10%). Air ejector of the series type AJ are available for suction pressure which are less than 25 Torr (735mmHg abs)

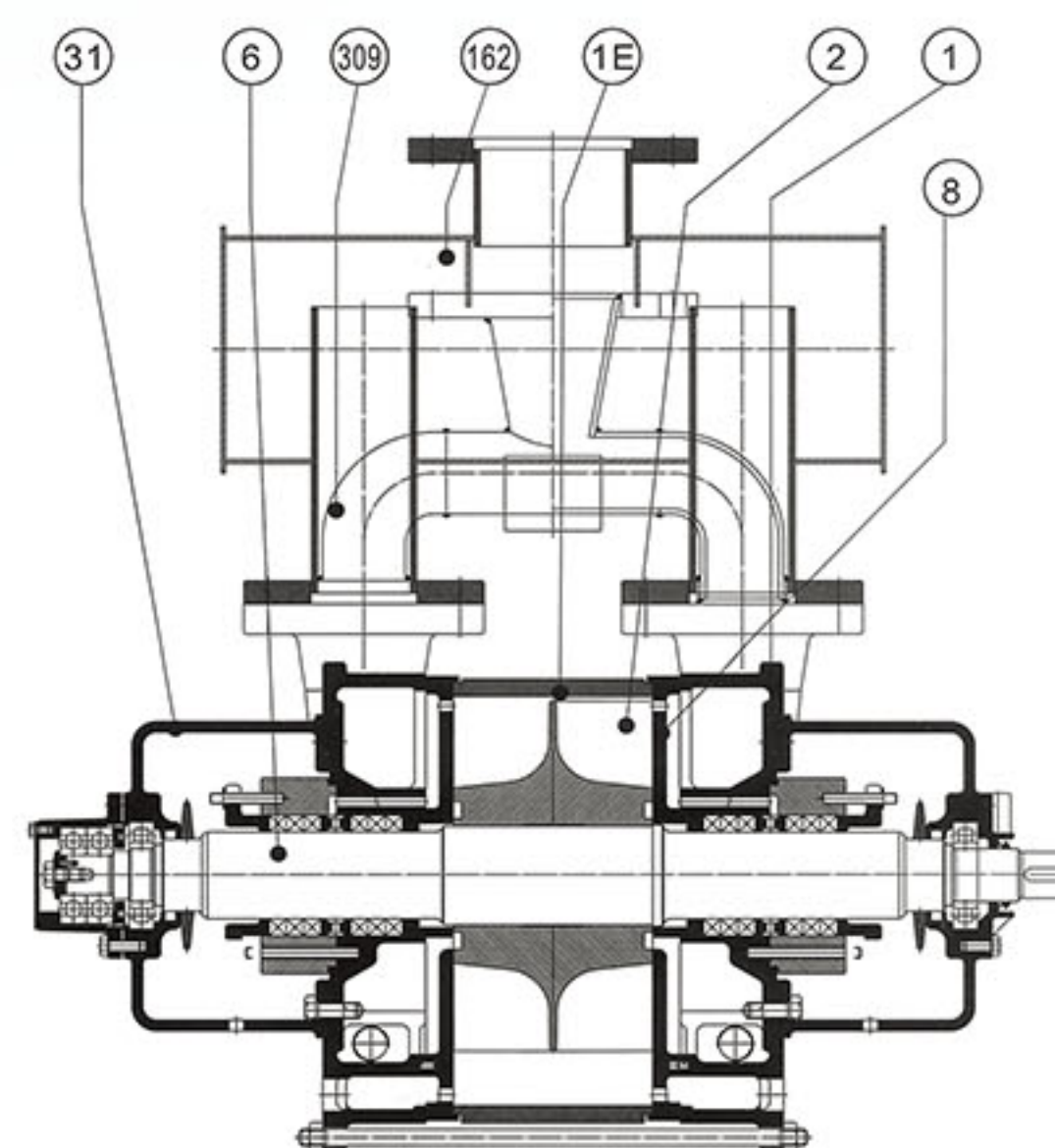
Installation Dimension



Spec Model	Dis. (mm)	HC	CP	W	X	S	Z	HA	HE	HB	HF1	HP1	HR	HH	C
E200	50	1081	637	414	210	585	765	390	350	1000	800	100	100	20	444
E300	65	1192	710	367	210	585	765	390	350	1000	800	100	150	20	482
E400	65	1363	770	397	210	585	765	390	350	1120	900	110	150	20	593
E500	100	1412	775	399	250	720	895	440	400	1250	1000	125	180	20	637
E600	100	1462	815	419	250	720	895	440	400	1250	1000	125	180	20	647
E700	100	1530	845	434	250	720	895	440	400	1250	1000	125	180	20	685
E900	125	1792	975	507	310	1010	1195	610	550	1600	1250	175	180	28	817
E1300	125	1951	1095	567	310	1010	1195	610	550	1600	1250	175	200	28	856

Note: *. Bigger sizes are available on request.

Parts List and Materials



No	NAME OF PART	MATERIAL		
1	Casing	GC200	SSC13	SSC14
2	Impeller	GCD450	SSC13	SSC14
6	Shaft	STS420	STS304	STS316
8	Port Plate	GCD450	SSC13	SSC14
1E	Inter Casing	SS400	SSC13	SSC14
31	Bearing Housing	GC200	GC200	GC200
309	Suction Manifold	GC200	SSC13	SSC14
162	Separator	SS400	STS304	STS304

Note: *. Other Materials are available on request