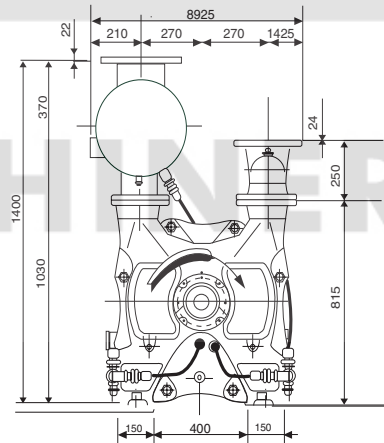
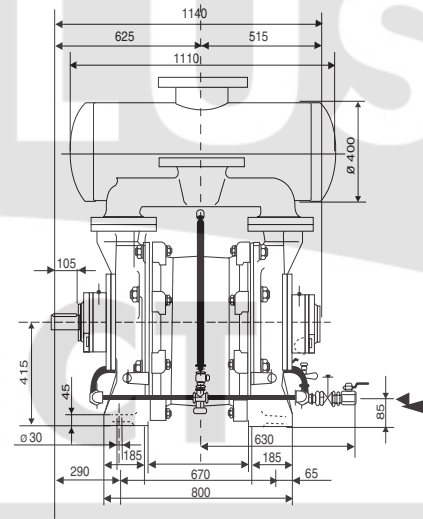
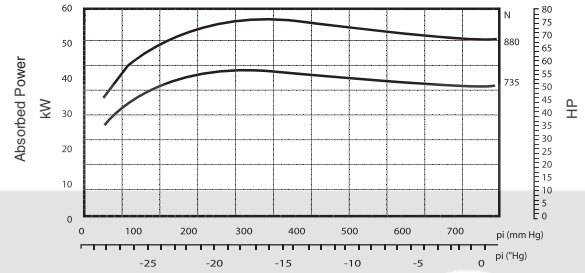
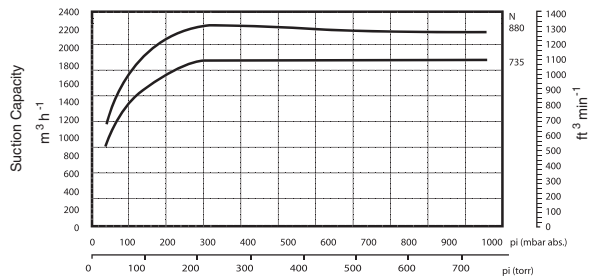
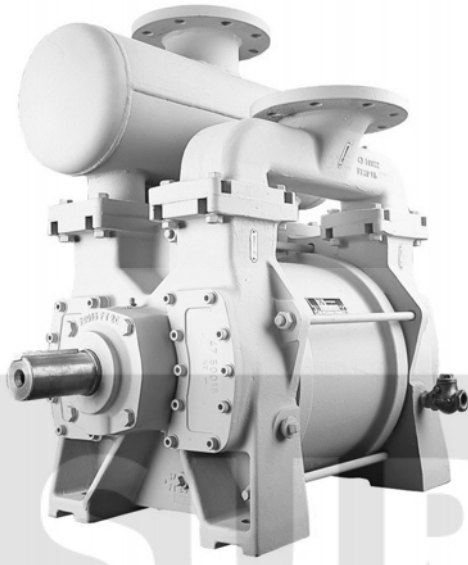


ALPHA 30+ SINGLE STAGE LIQUID RING VACUUM PUMP



Suction/Discharge size DN150 PN10

Features & benefits

- Curved blade impeller and variable discharge port for optimum performance
- Mechanical seals
- Minimum number of body joints
- Externally mounted bearings
- Handles wet or dry gases
- Unaffected by liquid carryover
- Robust and simple construction
- Materials of construction to suit application
- Low noise level
- Once through, partial or total recovery seal liquid

TECHNICAL DATA

Performance details at maximum speed

Nominal capacity	2300 m ³ h ⁻¹
Suction pressure	40 mbar A
Nominal speed	880 rpm
Motor power	75 kW
Service water flow	7 m ³ h ⁻¹

Performance details at minimum speed

Nominal capacity	1500 m ³ h ⁻¹
Suction pressure	40 mbar A
Nominal speed	585 rpm
Motor power	37 kW
Service water flow	5 m ³ h ⁻¹

Materials of construction

	STANDARD	STAINLESS STEEL	STAINLESS STEEL FITTED
Casing	Cast iron	CF8M	Cast iron
Impeller	SG iron	CF8M	CF8M
Port plate	Cast iron	CF8M	Cast iron
Body	Cast iron	CF8M	Cast iron
Shaft	2C45	XC48	XC48
Mechanical seal	Carbon / silicon carbide / viton	Carbon / silicon carbide / viton	Carbon / silicon carbide / viton

ORDERING INFORMATION

Alpha 30+ model is a bareshaft machine and can be supplied as part of a standard package, incorporating electric motor, baseplate and seal liquid recovery system, suitable for once through, partial or total recirculation. Custom engineered packages to meet more complex process system requirements are also available.

For more information please contact your local sales office.