



WEBINAR:

THEORY AND DIMENSIONING OF LIQUID RING VACUUM PUMPS (technical training)



24.11.2020



11:00 a.m.

EN COLABORACIÓN CON:



THEORY AND DIMENSIONING OF LIQUID RING VACUUM PUMPS

Curso Webinar dirigido a: Ingenieros y profesionales técnicos de la industria de proceso en posiciones responsables del diseño, dimensionado y selección de un equipo de vacío para dar servicio a sus procesos productivos, así como ingenieros de mantenimiento al cargo de estos equipos, usuarios responsables de la producción o inclusive compradores técnicos con curiosidad para conocer en más detalle estos equipos y en especial su selección y dimensionado.



Fecha evento: Martes 24 de Noviembre | 11:00 am

Duración: 90 min

Idioma: Inglés

Contenido y agenda

- Welcome and instructions, **CAPERVA** introduction and speaker presentation **(5 min)**
- How Does a Liquid Ring Pump Work **(10 min)**
- Sizing **(15 min)**
 - Information Required
 - Dry or Saturated Air
 - Catalog values
- Dry Air – Calculation Examples **(15 min)**
 - Condensing Factors
 - Seal Water temperature
 - Air Temperature
- Saturated Air - Calculation Examples **(15 min)**
 - Seal Water Temperature
 - Condesation factors
- Other influences on pump performance **(15 min)**
 - Back pressure on the discharge
 - Density and viscosity of the seal water
 - Cavitation limit
- Key considerations to choose right vacuum pump – key for success and performance **(10 min wrap up and open discussion)**
- FAQs open to audience **(5 min)**

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Speakers



Mr. Markus Palm: Process engineer with more than 25 years with Siemens, ELMO, Nash, Gardner Denver, Ingersoll Rand in the vacuum pump and compressor business. Working as Project Engineer, Sales Engineer, Application Manager and Key Account manager in Chemical Process Industry and Oil & Gas and Area Sales Manager for all Industries.

Mr. Christoph Weber: Industry Manager Chemical Oil&Gas EMEA at Gardner Denver NASH 10 years KAM for Chemical companies and over 20 years experience in Liquid Ring and Vacuum technology.

Mr. Richard Schulz: Bachelor Degree in mechanical engineering with 35 year experience in engineering of which last 25 years with NASH.

Small Capacity Pumps:

Vacuum levels up to 29in. HgA, 1.5 HP to 10 HP



Medium Capacity Pumps:

Vacuum levels up to 28in. HgA, 10 HP to 200 HP



Large Capacity Pumps:

Vacuum levels up to 25in. HgA, above 200 HP



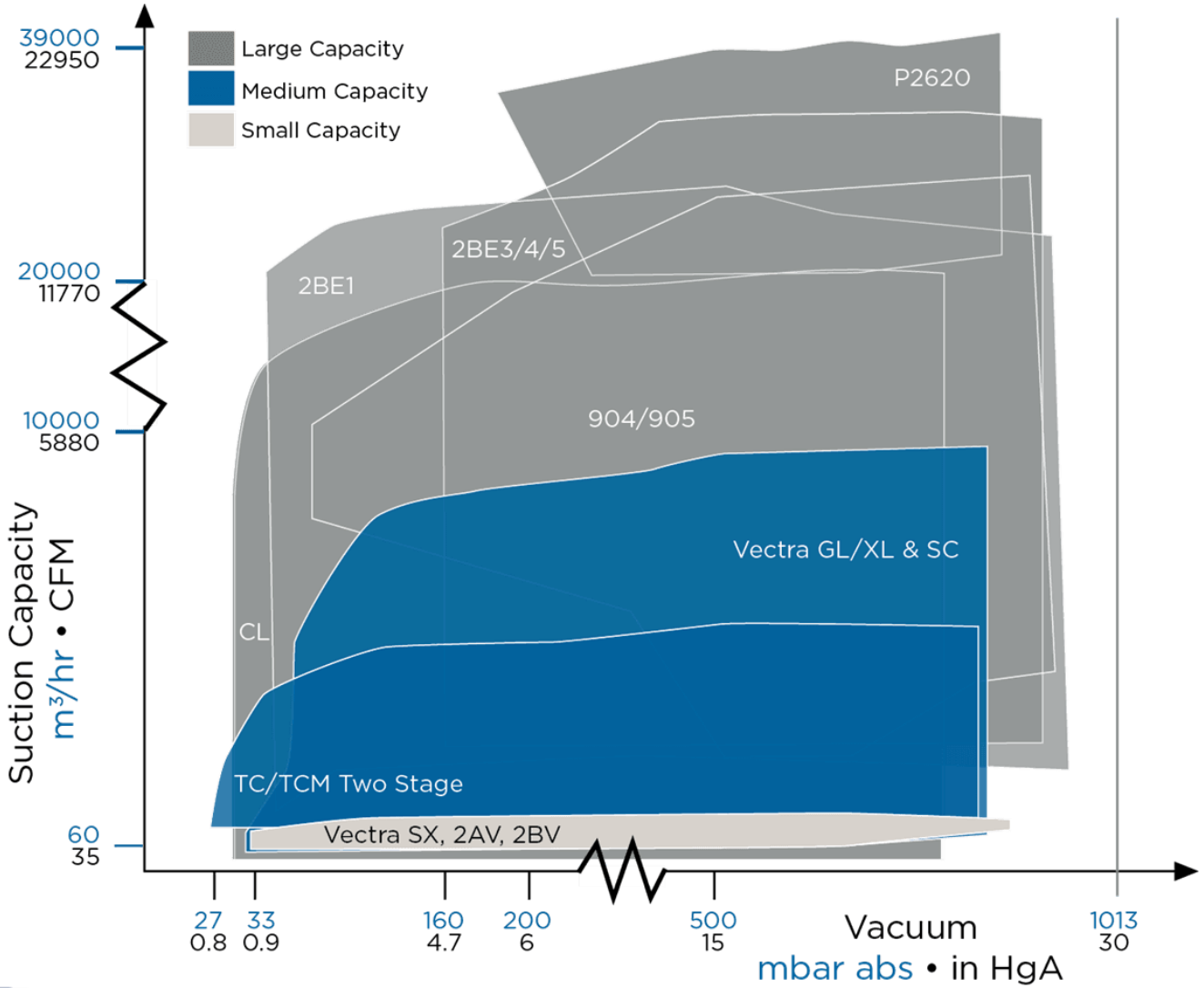
Two stages Pumps:

Vacuum levels to 0.8in. Hg abs.



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Proven Performance



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