

Single or multistage vertical pump with submerged casing and throttle bushing

For molten salt, molten sulphur,
hydrocarbon, smelted nitrate...

VNY - VNYR

Version API 610 (VS1)



VNY :

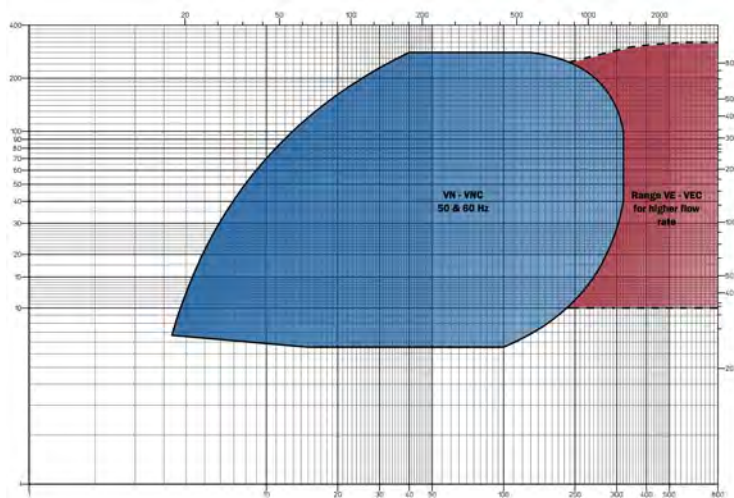
/ Design for high temperature

VNYR :

/ Design with steam heating

Design :

- / No radial force on column sleeve bearings due to the concentric discharge
- / No axial thrust due to the wear rings at the back of the impellers and balancing holes in impeller hubs
- / Grease lubricated thrust ball bearings (oil lubricated upon request)
- / Throttle bushing sealing system is requested for critical liquid
- / Heating of the collector and column for critical crystallizing liquid
- / Inducer may be fitted to reduce the required NPSH of the pump
- / Removable shaft sleeve under sleeve bearing and packing rings
- / Upon request : possibility to supply suction strainer and embedding ring



Performances :

- / Capacity : up to 300 m³/h (1320 US gpm)
- / Total head : up to 280 m (918 ft)
- / Maximum operating pressure : 25 bar (326 PSI)
- / Operating temperature range : up to 600 °C (up to 1,112 °F)
- / Maximum length : 16 m
- / Higher capacities and heads upon request

Standard materials :

- / Materials as per API standards : I1, S1, S5, S6, C6, A8, D1, D2
- / Other materials available upon request

Industrial applications :

- / Sulphur application (molten sulphur)
- / Solar plant application (molten salt)
- / Refineries (hydrocarbons)