

Single or multistage vertical pump with submerged casing and throttle bushing

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

VEY - VEYR

Version API 610 (VS1)



VEY :

/ Design for high temperature

VEYR :

/ Design steam heating

Design :

- / No radial force on column sleeve bearings due to the concentric discharge
- / No axial thrust due to the wear ring at the back of the impellers and balancing holes in impeller hub
- / Grease lubricated thrust ball bearings (oil lubricated upon request)
- / Shaft sealing : conventional packing rings or mechanical seal (single, double or tandem)
- / Sleeve bearings are lubricated normally by pumped liquid but if there are solids in the liquid it's possible to lubricate them by grease or with clean liquid injection on the sleeve bearings
- / Inducer may be fitted to reduce the required NPSH value of the pump
- / Removable shaft sleeve under sleeve bearing and packing rings
- / Upon request : possibility to supply suction strainer and foundation rings

Performances :

- / Capacity : up to 10000 m³/h (44030 US gpm)
- / Total head : up to 350 m (1150 ft)
- / Maximum operating pressure : 50 bar (725 PSI)
- / Operating temperature range : up to 600 °C (up to 1,112 °F)
- / Maximum length : 16m
- / 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)

