

Cryogenic Centrifugal Pumps

SGM/DSM Series

SPECIALLY DESIGNED TO FILL TRAILERS AND STATIONARY CRYOGENIC TANKS



Vanzetti Engineering manufactures high tech cryogenic centrifugal pumps.

FEATURES:

- > Highly efficient fluids transfer
- > Noise reduction due to advanced gear box design (helical gear type)
- > Inducer integrated as standard on version for air gases
- > Improved safety through a mechanical lock-up between the inducer and the pump shaft
- > The life time of the mechanical seal is drastically extended through the use of ceramic seal rings

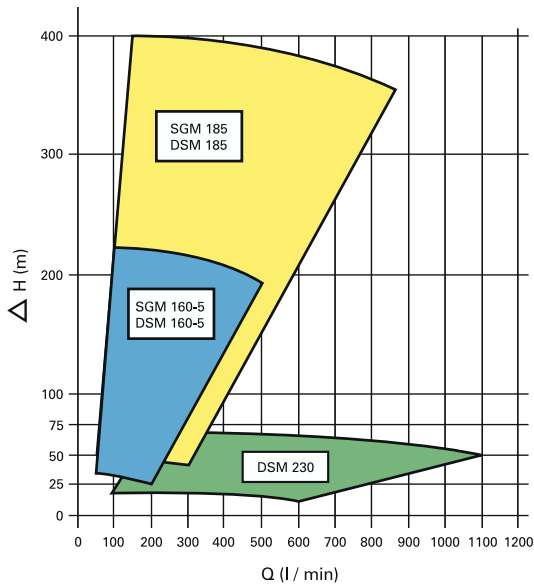
FLUIDS:

- > LIN
- > LAR
- > LOX
- > Liquefied and refrigerated CO₂ and N₂O

AVAILABLE MODELS:

- > SGM 160 / DSM 160
- > SGM 185 / DSM 185
- > DSM 230





PERFORMANCE AND SELECTION DIAGRAM OF CRYOGENIC CENTRIFUGAL PUMPS

DESCRIPTION OF THE AVAILABLE MODELS:

SGM 160 / DSM 160

The SGM 160 centrifugal pump, suitable for the trailers, is mostly indicated to fill customer's stationary storage tanks.

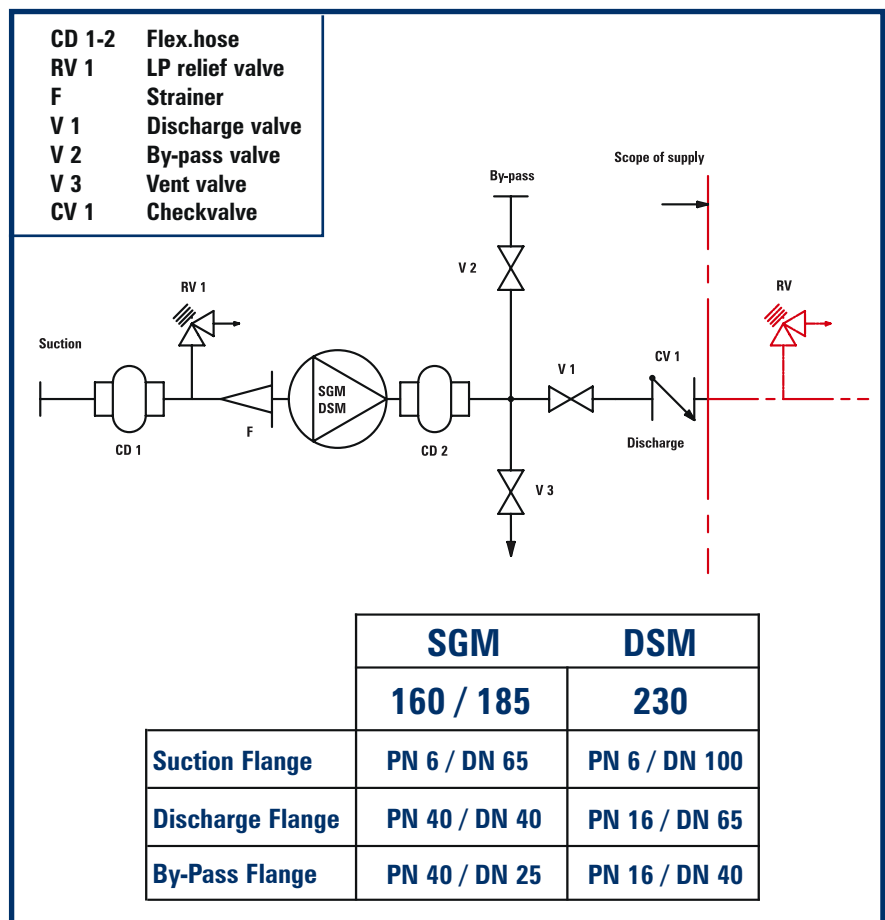
SGM 185 / DSM 185

The SGM 185 centrifugal pump is used to fill higher flow rate and/or pressure stationary tanks and it is mostly indicated when an heavy duty pump is needed. It is the perfect solution for filling MP tanks (up to 40 bar)

DSM 230

DSM 230 model is the most suitable pump to fill trailers with high flow rate.

TYPICAL SGM / DSM FLOW SCHEMATIC:



For further information:

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Easy, safe, modular

