Slurry Pumps Data Sheet

Customer:		Phone:	
Type of material/ore:		Email:	
Application		Date:	

1. Slurry Data

Max particle size [mm]	Particle size D80 [mm]	Particle size D50 [mm]	Solids specific gravity [kg/m³]	Concentration by weight [%]

Concentration by volume [%]	Slurry Density [kg/m³]	Froth factor*	Density carrier fluid** [kg/m³]	Carrier fluid dinamic viscosity**

* If there is no froth, value = 1
** No need to specify if water is carrier fluid

Slurry flow rate [m³/h]					Solids throughput [ton/h]					Oil in slurry [%]	Slurry flow rate [m³/h]	Solids throughput [ton/h]
min		nom		max	min		nom		max			

2. Pump Data

Pump type	Wear parts material	Sealing water pressure [atm]	Motor power [Kw]	Motor speed [rpm]

Drive type (Motor/Belt)	Pump speed* [rpm]	Motor pulley diameter* [mm]	Pump pulley diameter* [mm]	AMPS consumption* [A]

* Should be filled when V-belts are used

3. Outlet Pipeline

Pipeline material	Inner diameter [mm]	Pipe length [m]	Bends 90° [pcs]

Bends < 90° [pcs]	Standard tee [pcs]	Valve [pcs]	Outlet pressure* [atm]	Static Head [m]

3. 1. Changes In Pipe Diameter

If diameter of a pipe is changed (for example, increase/decrease of diameter), please note diameters and lengths of pipes and number of bends.

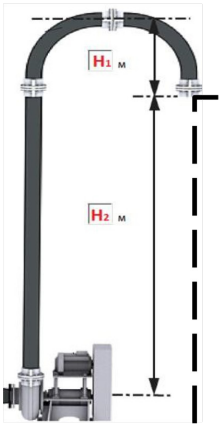
Diameter [mm]	Length [m]	Bends 90°	Bends < 90°

element

Fill this page if you select a horizontal or vertical pump

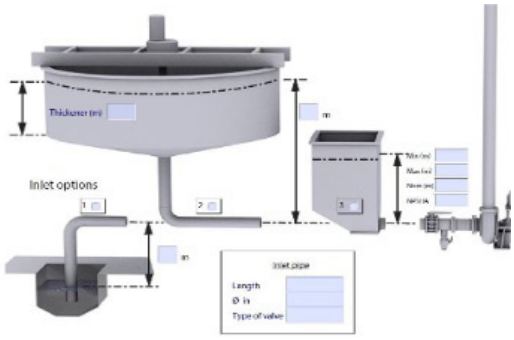
3. 1. Changes In Pipe Diameter

H1	H2

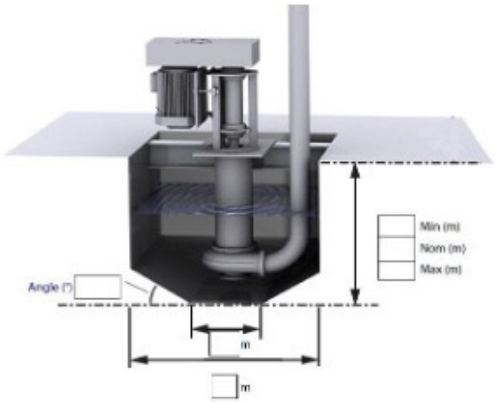


Pipeline

4. Pump Type

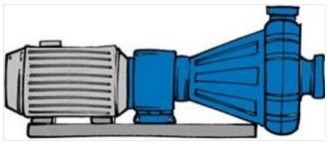


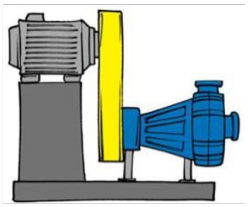
Horizontal pump

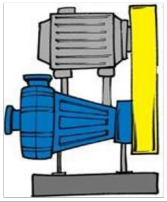


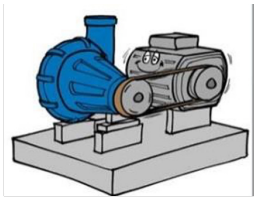
Vertical pump

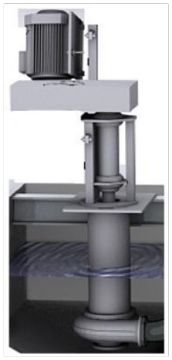
5. Drive Arrangement

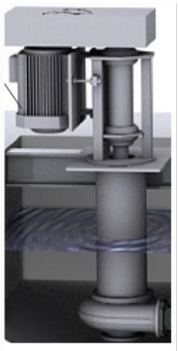












Slide-based	
Voltage, [V]	
Number of poles	
Frequency, [Hz]	

6. Additional info

	Parts OEM article
Impeller	
Case liner	
Back liner	
Inlet liner	
Shaft sleeve	
Lantern restrictor	
Packing	

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