



GD Gear Wheel Pump



Description

The GD High Pressure Gear Wheel Pump is designed to give optimum flowrate/pressure conditions for shortening processing with or without nitrogen injection.

Application

Transfer of full fat products like Shortening and Vegetable Oils through a Scrape Surface Heat Exchanger.

Control

Inverter duty gearmotor will allow for full control of flow-rates required for various process applications.

Local mounted starter cabinet can be supplied as an option.

Materials

The GD Gear Wheel Pump can be supplied in either Cast Steel, Cast Iron or Stainless Steel.

Integration

The GD Gear Wheel Pump is fully assembled on a heavy-duty base-plate with gear-motor and coupling.

Further, the unit is complete with:

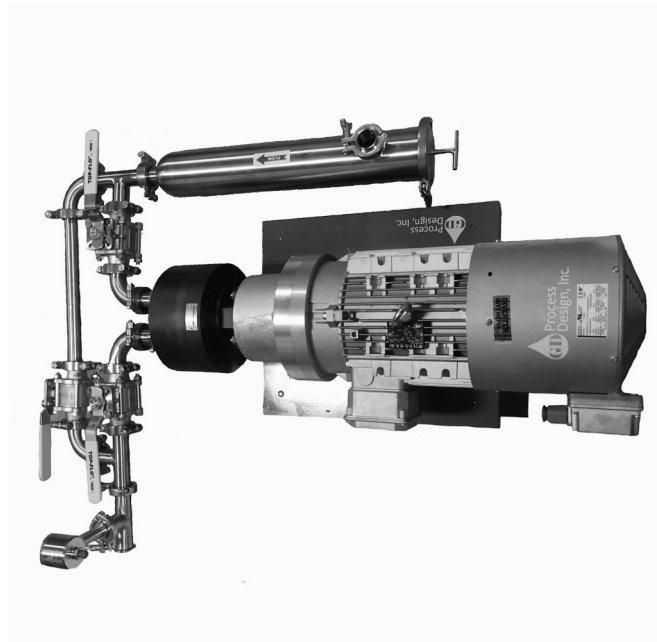
- Safety relief valve (up to 1,450 psi)
- Pressure gauge and/or pressure transmitter
- Bypass for Air-Clean including valves
- In-line strainer
- Adjustable machine feet



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Technical specifications

GD GWP	GD GWP-1000	GD GWP-2500	GD GWP-5000	GD GWP-10000	GD GWP-15000	GD GWP-20000
NOMINAL CAPACITY AT 60 Hz—GEAR 1 [GPM]	4.5	11	23	46	69	90
MOTOR [HP]	5	10	15	25	30	35 HP
MAX. WORKING PRESSURE [PSI]	580	1,450	1,450	1,450	1,450	1,450
INLET [INCH]	25	2	2	3	3	3
OUTLET [INCH]	12/25	2	2	2	2	2
FREQUENCY CONVERTER	OPTION	OPTION	OPTION	OPTION	OPTION	OPTION



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