

NEWTONUS PUMP

SANITARY/ GEAR PUMP
GF model (STAINLESS STEEL)



We are professional engineers for energy saving pump & piping

General

Application :

- Stainless steel (SS304/SS316) type : Industrial of Food & Beverage for transfer of palm oil; salad oil; molasses sugar; honey; sauce
- Cast iron type : Industrial of oil & fuel for transfer of oil; solar fuel; paint liquid

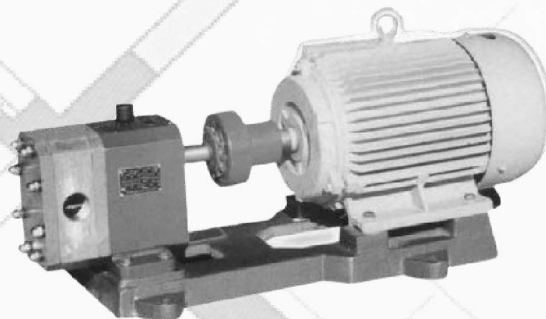
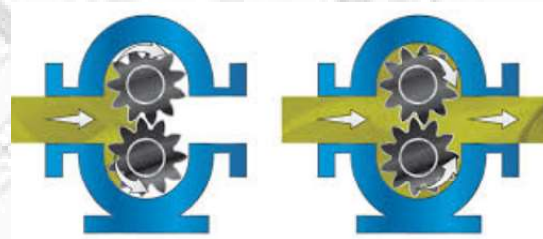
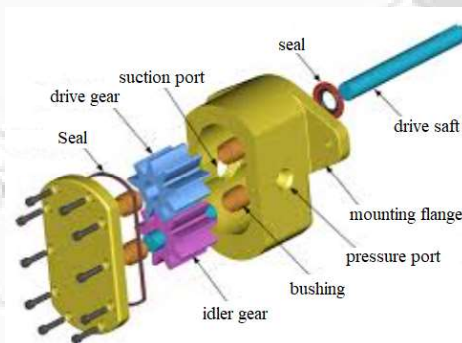
Specification :

- Maximum flow 20 M3/hour
- Maximum pressure 10 Bar
- Liquid temperatur to 300 deg.C
- Liquid viscosity is 3.000 to 20.000 CPS
- Maximum working pressure 16 Bar
- Inlet/outlet diameter DN15 - DN80

Electric motor :

- 3Ph/380V-415V/50Hz
- 1Ph/220V-240V/50Hz
- Insulation class F, protection clas IP55
- Maximum power : 11 kW

Component :



Engineering & pricing solution

The energy saving & long life time of pump is our focus. The pump energy saving is not only determined by pump efficiency, but also depending by pipe diameter, controller, etc. Therefore we are ready to give consultation or training of piping engineering (Free of charge) before purchase the pumps, for as below :

- Calculation to determine the pump flow & total head, pipe diameter & material (inlet/ outlet pipe)
- To avoid cavitation, the suction pipe (negative/positive suction) should be calculated max. suction lift (Hs).
- Selection of pump controller according to the application system
- Selection of pump type according to flow, total head, material and electrical power
- Selection of cheaper price with similar or better pump & application

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ELECTRICAL & PERFORMANCE :

Model	RPM	M3/Hr	Pressure MPa	Connector		KW
				Inlet	Outlet	
GF1	910	1	0.6	G3/4"	G3/4"	0.75
			1.0			1.1
GF1.5	910	1.5	0.6	G3/4"	G3/4"	0.75
			1.0			1.1
GF2	910	2	0.6	G3/4"	G3/4"	1.1
	930		1.0			1.5
GF3	930	3	0.6	G1"	G1"	1.5
			1.0			2.2
GF4	930	4	0.6	G1"	G1"	2.2
	960		1.0			3
GF5	930	5	0.6	G1 $\frac{1}{4}$ "	G1 $\frac{1}{4}$ "	2.2
	960		1.0			3
GF6	960	6	0.6	G1 $\frac{1}{2}$ "	G1 $\frac{1}{2}$ "	3
			1.0			4
GF7.5	960	7.5	0.6	G1 $\frac{1}{2}$ "	G1 $\frac{1}{2}$ "	3
			1.0			4
GF10	960	10	0.33	G2"	G2"	3
			0.6			4
GF12	960	12	0.33	G2"	G2"	4
			0.6			5.5
GF15	960	15	0.33	G3"	G3"	5.5
	965		0.6			7.5
GF20	965	20	0.33	G3"	G3"	7.5
			0.6			11

